



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

**The Institution ensures effective Curriculum planning and delivery through a well- planned and document process including Academic Calender and Conduct of Continuous Assessment**

SLNO	Particulars	Page Number
1.	RGUHS Calender & Academic Calendar (from 2022-2023 to 2018-19)	1-72
2.	Master Time tables (from 2022-2023 to 2018-19)	73-179
3.	Minutes of Meeting & Action Taken Report of Curriculum committee (from 2018-2019 to 2022-23)	180-275
4.	ATR & MOM of committee for Add -on course (from 2018-2019 to 2022-23)	276-345
5.	Plan of Studies and Lesson plans (from 2022-2023 to 2018-19)	346-547
6.	Sessional timetables, question papers, result analysis (from 2022-2023 to 2018-19)	548-593
7.	Academic audit reports	594-606

*P. Padua*

**PRINCIPAL**

The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
①: +91- 80 - 61754694; Fax: +91- 80 -61754699 [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 20.07.2022

## NOTIFICATION

Calendar of Events for admission to 1<sup>st</sup> Semester B.Pharm Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	30.09.2022
2.	Commencement of academic session	01.09.2022
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	06.10.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	On or before 10.10.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including <b>eligibility certificate</b> (wherever applicable)	On or before 10.10.2022
6.	College wise verification documents for Admission approval	11.10.2022 to 25.10.2022
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15.11.2022
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	07 days from the date of admission approval
9.	Tentative date of exam	Dec 2022

P T O



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2022-23 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**



REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
7. The System Analyst. RGUHS to host on the official Website.



ರಾಜಿವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 26.09.2022

## REVISED NOTIFICATION

Ref: 1. RGUHS/AC2-ADM/COE/2022-2023 dated: 20.07.2022

2. PCI Letter No.14-56/2022-PCI / 13107 dated: 29.08.2022

Calendar of Events for admission to 1<sup>st</sup> Semester B.Pharm Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	30.11.2022
2.	Commencement of academic session	02.11.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	07.12.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	On or before 12.12.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	On or before 12.12.2022
6.	College wise verification documents for Admission approval	Dec 2022
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	Jan.2023
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	07 days from the date of admission approval
9.	Tentative date of exam	Mar / Apr 2023

P T O

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2022-23 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration except for payment of fee and fine which is available through online payment.
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangalore
7. The System Analyst. RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 28.11.2022

## REVISED NOTIFICATION

Ref: 1. RGUHS/AC2-ADM/COE/2022-2023 dated: 20.07.2022 & 26.09.2022

2. PCI Letter No.14-56/2022-PCI / 13107 dated: 29.08.2022

3. GOK Letter No. HFW 30 PTD 2022 dated: 28.10.2022

Calendar of Events for admission to 1<sup>st</sup> Semester B.Pharm Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	09.12.2022
2.	Commencement of academic session	01.12.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	12.12.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	On or before 14.12.2022
5.	Last date for submission of Online entered, printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	On or before 23.12.2022
6.	College wise verification documents for Admission approval	01 <sup>st</sup> Jan 2023 to 31 <sup>st</sup> Jan 2023
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	06.02.2023
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	06.02.2023
9.	Tentative date of exam	Apr / May 2023

P T O

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2022-23 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's name could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar / Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**



REGISTRAR

**To,****ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
7. The System Analyst. RGUHS to host on the official Website.



ರಾಜಿವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

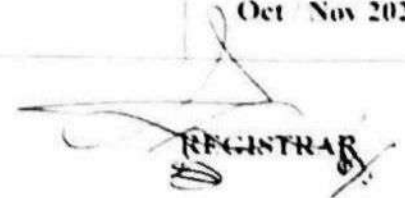
Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date 28.12.2022

## NOTIFICATION

Calendar of Events for admission to 2<sup>nd</sup> Year B.Pharm Course (Lateral Entry), M.Pharm & Pharm D (Post Baccalaureate) Courses for the academic year 2022-23 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.01.2023
2.	Commencement of academic session	02.01.2023
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	06.02.2023
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	08.02.2023
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	08.02.2023
6.	College wise verification documents for Admission approval	March 2023
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	April 2023
10	a. Tentative date of examination - M.Pharm (1 <sup>st</sup> Semester) b. Tentative date of examination - Lateral Entry (B.Pharm 3 <sup>rd</sup> Semester)	May June 2023
11	Tentative date of examination - Pharm D (PB) Course	Oct Nov 2023

  
REGISTRAR

**Note: Online entry for Lateral entry for (2<sup>nd</sup> B.Pharm) admissions limit as per RGUHS notification and Notification issued vide ref no. RGU / Auth / 168<sup>th</sup> Syndicate / 151/ 2021-22 dated: 05.05.2022.**

P T O



(for Post Graduate Degree courses)		
12	Submission of Synopsis to RGUHS	16.08.2023
13	Submission of Dissertation to RGUHS	02.11.2024
14	Submission of Dissertation to RGUHS	
	With fine of Rs. 1,500/-per candidate	15.11.2024
	With fine of Rs. 4,000/- per candidate	29.11.2024

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2022-23** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**

  
**REGISTRAR**

To,

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers
6. PA to Vice - Chancellor, Registrar, Registrar (I va), and Finance Officer, RGUHS, Bangalore
7. The System Analyst, RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2022-2023

Date: 20.07.2022

## NOTIFICATION

Calendar of Events for admission to Pharm D Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	30.09.2022
2.	Commencement of academic session	01.09.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	06.10.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	10.10.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including <b>eligibility certificate</b> (wherever applicable)	10.10.2022
6.	College wise verification documents for Admission approval	31.10.2022
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	30.11.2022
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	07 days from the date of admission approval
9.	Tentative date of exam	May / June 2023

P T O

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2022-23 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**

  
REGISTRAR  
R

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
7. The System Analyst. RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041  
Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 26.09.2022

**REVISED NOTIFICATION**

- Ref: 1. RGUHS/AC2-ADM/COE/2022-2023 dated: 20.07.2022  
2. PCI Letter No.14-56/2022-PCI / 13107 dated: 29.08.2022

Calendar of Events for admission to Pharm D Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	30.11.2022
2.	Commencement of academic session	02.11.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	07.12.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	12.12.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	12.12.2022
6.	College wise verification documents for Admission approval	Dec 2022
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	Jan.2023
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	07 days from the date of admission approval
9.	Tentative date of exam	Sept / Oct 2023

  
P T O

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2022-23** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**

  
**REGISTRAR**

**To,**

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
7. The System Analyst. RGUHS to host on the official Website.



ರಾಜಿವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> T Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 28.11.2022

## REVISED NOTIFICATION

Ref: 1. RGUHS/AC2-ADM/COE/2022-2023 dated: 20.07.2022 & 26.09.2022

2. PCI Letter No.14-56/2022-PCI / 13107 dated: 29.08.2022

3. GOK Letter No. HFW 30 PTD 2022 dated: 28.10.2022

Calendar of Events for admission to Pharm D Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	09.12.2022
2.	Commencement of academic session	01.12.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	12.12.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	On or before 14.12.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including <b>eligibility certificate</b> (wherever applicable)	On or before 23.12.2022
6.	College wise verification documents for Admission approval	01 <sup>st</sup> Jan 2023 to 31 <sup>st</sup> Jan 2023
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	06.02.2023
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	06.02.2023
9.	Tentative date of exam	Oct / Nov 2023

P T O



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2022-23** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**



REGISTRAR

To,

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
7. The System Analyst. RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2022-2023

Date: 23.01.2023

## REVISED NOTIFICATION

Ref: 1. RGHUS/AC2-ADM/COE/2022-2023 dated: 28.12.2022

2. KEA Letter No. ED / KEA / B.PHARMA / 2022 dated: 20.01.2023

3. KEA Letter No. ED / KEA / M.PHARMA / 2022 dated: 20.01.2023

Calendar of Events for admission to 2<sup>nd</sup> Year B.Pharm Course (Lateral Entry), M.Pharm & Pharm D (Post Baccalaureate) Courses for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	10.02.2023
2.	Commencement of academic session	02.01.2023
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	13.02.2023
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	15.02.2023
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	15.02.2023
6.	College wise verification documents for Admission approval	March 2023
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	April 2023
10.	a. Tentative date of examination - M.Pharm (1 <sup>st</sup> Semester) b. Tentative date of examination - Lateral Entry (B.Pharm 3 <sup>rd</sup> Semester)	May / June 2023
11.	Tentative date of examination - Pharm D (PB) Course	Oct / Nov 2023

REGISTRAR

Note: Online entry for Lateral entry for (2<sup>nd</sup> B.Pharm) admissions limit as per RGHUS notification and Notification issued vide ref no. RGHU / Auth / 168<sup>th</sup> Syndicate / 151/ 2021-22 dated: 05.05.2022.

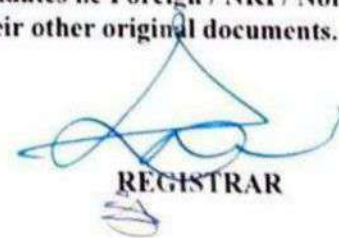
P T O



(for Post Graduate Degree courses)		
12	Submission of Synopsis to RGUHS	16.08.2023
13	Submission of Dissertation to RGUHS	02.11.2024
14	Submission of Dissertation to RGUHS	
	With fine of Rs. 1,500/-per candidate	15.11.2024
	With fine of Rs. 4,000/- per candidate	29.11.2024

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2022-23** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar /Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**



REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangalore
7. The System Analyst. RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 05.12.2022

## REVISED NOTIFICATION

Ref: 1. RGUHS/AC2-ADM/COE/2022-2023 dated: 20.07.2022, 26.09.2022 & 28.11.2022

2. PCI Letter No.14-56/2022-PCI / 13107 dated: 29.08.2022

3. GOK Letter No. HFW 30 PTD 2022 dated: 28.10.2022

4. Letter No. DCD / GCP / ADM-100/2022-23 dated: 03.12.2022 received from the  
Principal, Government College of Pharmacy, Bangalore

5. KEA Letter No. ED / KEA / GEN/SLP/2022 dated: 03.12.2022

Calendar of Events for admission to 1<sup>st</sup> Semester B.Pharm Course for the academic year 2022-23 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	31.12.2022
2.	Commencement of academic session	01.12.2022
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	03.01.2023
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	On or before 06.01.2023
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including <b>eligibility certificate</b> (wherever applicable)	On or before 06.01.2023
6.	College wise verification of documents for Admission & approval	16 <sup>th</sup> Jan 2023 to 31st Jan 2023
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	10.02.2023
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	15.02.2023
9.	Tentative date of exam	Apr / May 2023

P T O



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2022-23** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar, Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bengaluru
7. The System Analyst, RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2022-2023

Date: 05.12.2022

## REVISED NOTIFICATION

**Ref: 1.** RGUHS/AC2-ADM/COE/2022-2023 dated: 20.07.2022, 26.09.2022 & 28.11.2022

**2.** PCI Letter No.14-56/2022-PCI / 13107 dated: 29.08.2022

**3.** GOK Letter No. HFW 30 PTD 2022 dated: 28.10.2022

**4.** Letter No. DCD / GCP / ADM-100/2022-23 dated: 03.12.2022 received from the Principal, Government College of Pharmacy, Bangalore

**5.** KEA Letter No. ED / KEA / GEN/SLP/2022 dated: 03.12.2022

**Calendar of Events for admission to Pharm D Course for the academic year 2022-23 is hereby notified as follows:**

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> , <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a> and <a href="mailto:deputyregistrarpharmacy@gmail.com">deputyregistrarpharmacy@gmail.com</a>	31.12.2022
2.	Commencement of academic session	01.12.2022
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	03.01.2023
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	On or before 06.01.2023
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including <b>eligibility certificate</b> (wherever applicable)	On or before 06.01.2023
6.	College wise verification documents for Admission approval	16 <sup>th</sup> Jan 2023 to 31st Jan 2023
7.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	10.02.2023
8.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	15.02.2023
9.	Tentative date of exam	Oct / Nov 2023

P T O



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2022-23** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and email must match with each other and shall not exceed the number of sanctioned intake. Any excess admissions beyond the approved intake will be rejected.
3. If any of the above dates in Calendar of events happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. If any student's, name's could not be uploaded in the online portal on or before last date due to any technical or whatever reasons the same can be intimated till midnight (11.59 PM) on the last date to RGUHS by sending email to Registrar / Hon'ble Vice Chancellor. The name of students in bold letters mentioning the reason for considering their admissions, **any request for admission shall not be considered after the last date.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.
10. **Submission of Eligibility Certificates is mandatory of all the candidates i.e Foreign / NRI / Non Karnataka admitted for the academic year 2022-23 along with their other original documents.**



REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. The Principal of all Pharmacy Colleges affiliated to RGUHS, Bangalore
5. All officers of the University / All Sections in the University / AR's Regional Centers.
6. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
7. The System Analyst, RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2021-2022

Date: 27.10.2021

### REVISED NOTIFICATION

Ref: RGHUS/AC2-ADM/COE/2021-2022 dated: 30.06.2021

Revised Calendar of Events for admission to B.Pharm Course for the academic year 2021-22 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghus.ac.in">registrar@rghus.ac.in</a> and <a href="mailto:vc@rghus.ac.in">vc@rghus.ac.in</a>	15.12.2021
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	20.12.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	23.12.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	23.12.2021
6.	College wise verification documents for Admission approval	Jan 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar 2022
10.	Tentative date of exam	Apr / May 2022

P T O



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
6. The System Analyst. RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2021-2022

Date: 27.10.2021

### REVISED NOTIFICATION

Ref: RGHUS/AC2-ADM/COE/2021-2022 dated: 30.06.2021

Revised Calendar of Events for admission to M.Pharm & Pharm D (Post Baccalaureate) Courses for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghus.ac.in">registrar@rghus.ac.in</a> and <a href="mailto:vc@rghus.ac.in">vc@rghus.ac.in</a>	17.01.2022
2.	Commencement of academic session	03.01.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	22.01.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	25.01.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	25.01.2022
6.	College wise verification documents for Admission approval	March 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar / Apr 2022
10.	Tentative date of exam	May / June 2022

P T O



<b>(for Post Graduate Degree courses)</b>		
11	Submission of Synopsis to RGHUS	15.06.2022
12	Submission of Dissertation to RGHUS	01.10.2023
13	Submission of Dissertation to RGHUS	
	With fine of Rs. 1,500/-per candidate	15.10.2023
	With fine of Rs. 4,000/- per candidate	29.10.2023

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
**REGISTRAR**

To,

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGHUS, Bangaluru
6. The System Analyst. RGHUS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 27.10.2021

### REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021

Revised Calendar of Events for admission to Pharm D Course for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	15.12.2021
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	20.12.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	23.12.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	23.12.2021
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar / Apr 2022
10.	Tentative date of exam	October 2022

P T O



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

**ALL CONCERNED THROUGH www.rguhs.ac.in .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
6. The System Analyst. RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 08.12.2021

### REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021 & 27.10.2021

Revised Calendar of Events for admission to **B.Pharm** \*Course for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.12.2021
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	04.01.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	06.01.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	06.01.2022
6.	College wise verification documents for Admission approval	Jan / Feb 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar 2022
10.	Tentative date of exam	Apr / May 2022

\* Note: Admission norms must be strictly followed as per the Order by Government of Karnataka (No. HFW 73 PTD 2021 dated: 10.11.2021) and limit the Online entry of admissions limit as per the RGUHS Notification. Lateral entry for (2<sup>nd</sup> B.Pharm) will be only 10% based on total intake.

  
REGISTRAR

P T O

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2021-22 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

To,

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

  
**REGISTRAR**  


1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
6. The System Analyst. RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041  
Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2021-2022

Date: 08.12.2021

### REVISED NOTIFICATION

Ref: RGHUS/AC2-ADM/COE/2021-2022 dated: 30.06.2021 & 27.10.2021

Revised Calendar of Events for admission to Pharm D Course for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghus.ac.in">registrar@rghus.ac.in</a> and <a href="mailto:vc@rghus.ac.in">vc@rghus.ac.in</a>	31.12.2021
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	04.01.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	06.01.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	06.01.2022
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar / Apr 2022
10.	Tentative date of exam	October 2022

REGISTRAR

PTO



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
6. The System Analyst. RGUHS to host on the official Website.



ರಾಜಿವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಬಿ ಬ್ಲಾಕ್, ಜವಾನಗರ, ಬೆಂಗಳೂರು - 560 041  
Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 28.12.2021

**REVISED NOTIFICATION**

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021 & 08.12.2021

Revised Calendar of Events for admission to Pharm D Course for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	20.01.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	24.01.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	27.01.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	27.01.2022
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar / Apr 2022
10.	Tentative date of exam	October 2022

  
REGISTRAR

P T O

No: RGUHS/AC2-ADM/COE/2021-2022

Date: 28.12.2021

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,  
**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangalore
6. The System Analyst, RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 28.12.2021

### REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021 & 08.12.2021

Revised Calendar of Events for admission to \***B.Pharm** Course & Lateral entry (2<sup>nd</sup> B.Pharm) for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	20.01.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	24.01.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	27.01.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	27.01.2022
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar 2022
10.	Tentative date of exam	Apr / May 2022

\* Note: Admission norms must be strictly followed as per the Order by Government of Karnataka (No. HFW 73 PTD 2021 dated: 10.11.2021) and limit the Online entry of admissions limit as per the RGUHS Notification. Lateral entry for (2<sup>nd</sup> B.Pharm) will be only 10% based on total intake.

  
REGISTRAR  
MA

P T O

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2021-22 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration except for **payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,  
**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangalore
6. The System Analyst, RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 17.01.2022

### REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021, 08.12.2021 & 28.12.2021

Revised Calendar of Events for admission to \***B.Pharm** Course & Lateral entry (2<sup>nd</sup> B.Pharm) for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.01.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	03.02.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	07.02.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	07.02.2022
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar 2022
10.	Tentative date of exam	Apr / May 2022

\* Note: Admission norms must be strictly followed as per the Order by Government of Karnataka (No. HFW 73 PTD 2021 dated: 10.11.2021) and limit the Online entry of admissions limit as per the RGUHS Notification. Lateral entry for (2<sup>nd</sup> B.Pharm) will be only 10% based on total intake.

REGISTRAR

PTO

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

  
REGISTRAR

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
6. The System Analyst, RGUHS to host on the official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041  
Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 17.01.2022

**REVISED NOTIFICATION**

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021 & 27.10.2021

Revised Calendar of Events for admission to M.Pharm & Pharm D (Post Baccalaureate) Courses for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	15.02.2022
2.	Commencement of academic session	03.01.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	18.02.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	21.02.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	21.02.2022
6.	College wise verification documents for Admission approval	March 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar / Apr 2022
10.	Tentative date of exam	May / June 2022

  
REGISTRAR

P T O

<b>(for Post Graduate Degree courses)</b>		
11	Submission of Synopsis to RGUHS	15.07.2022
12	Submission of Dissertation to RGUHS	02.11.2023
13	Submission of Dissertation to RGUHS	
	With fine of Rs. 1,500/- per candidate	15.11.2023
	With fine of Rs. 4,000/- per candidate	29.11.2023

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2021-22 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
**REGISTRAR**  


To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangaluru
6. The System Analyst, RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041  
Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 17.01.2022

**REVISED NOTIFICATION**

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021, 08.12.2021 & 28.12.2021

Revised Calendar of Events for admission to Pharm D Course for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.01.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	03.02.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	07.02.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	07.02.2022
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar / Apr 2022
10	Tentative date of exam	October 2022

  
REGISTRAR

PTO



**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

**ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .**

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangalore
6. The System Analyst. RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 31.01.2022

## REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021, 08.12.2021, 28.12.2021 & 17.01.2022

Revised Calendar of Events for admission to \*B.Pharm Lateral entry only (2<sup>nd</sup> B.Pharm only) for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	15.02.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	17.02.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	19.02.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	19.02.2022
6.	College wise verification documents for Admission approval	Feb / Mar 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	Mar 2022
10.	Tentative date of exam	Apr / May 2022

\* Note: Admission norms must be strictly followed as per the Order by Government of Karnataka (No. HFW 73 PTD 2021 dated: 10.11.2021) and limit the Online entry of admissions limit as per the RGUHS Notification. Lateral entry for (2<sup>nd</sup> B.Pharm) will be only 10% based on total intake.

  
REGISTRAR



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 15.03.2022

## REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021, 08.12.2021, 28.12.2021, 17.01.2022, 31.01.2022 & 15.02.2022

Revised Calendar of Events for admission to **\*B.Pharm Lateral entry only (2<sup>nd</sup> B.Pharm only)** for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.03.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	04.04.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	06.04.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	06.04.2022
6.	College wise verification documents for Admission approval	APRIL 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	May 2022
10	Tentative date of exam	June 2022

\* Note: Admission norms must be strictly followed as per the Order by Government of Karnataka (No. HFW 73 PTD 2021 dated: 10.11.2021) and limit the Online entry of admissions limit as per the RGUHS Notification. Lateral entry for (2<sup>nd</sup> B.Pharm) will be only 10% based on total intake and vacant seats in the 1<sup>st</sup> year B.Pharm 2020-21.

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

REGISTRAR





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 15.03.2022

## REVISED NOTIFICATION

Ref: RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021, 17.01.2022 & 14.02.2022

**Revised Calendar of Events for admission to M.Pharm & Pharm D (Post Baccalaureate) Courses for the academic year 2021-22 is hereby notified as follows.**

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.03.2022
2.	Commencement of academic session	03.01.2022
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	04.04.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	06.04.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	06.04.2022
6.	College wise verification documents for Admission approval	APRIL 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	May 2022
10	Tentative date of exam	June / July 2022

  
REGISTRAR

R

P T O

(for Post Graduate Degree courses)		
11	Submission of Synopsis to RGUHS	16.08.2022
12	Submission of Dissertation to RGUHS	02.12.2023
13	Submission of Dissertation to RGUHS With fine of Rs. 1,500/- per candidate With fine of Rs. 4,000/- per candidate	15.12.2023 29.12.2023

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2021-22 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.


  
REGISTRAR

09/3/22

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangaluru
6. The System Analyst, RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 05.04.2022

## REVISED NOTIFICATION

Ref: 1. RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021, 08.12.2021, 28.12.2021, 17.01.2022, 31.01.2022, 15.02.2022 & 15.03.2022

2. KEA Letter No. EA / KEA / M.Pharm / 2021 dated: 04.04.2022

Revised Calendar of Events for admission to **\*B.Pharm Lateral entry only (2<sup>nd</sup> B.Pharm only)** for the academic year 2021-22 is hereby notified as follows.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	11.04.2022
2.	Commencement of academic session	02.11.2021
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	13.04.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	18.04.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	18.04.2022
6.	College wise verification documents for Admission approval	APRIL 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	May 2022
10.	Tentative date of exam	May 2022

\* Note: Admission norms must be strictly followed as per the Order by Government of Karnataka (No. HFW 73 PTD 2021 dated: 10.11.2021) and limit the Online entry of admissions limit as per the RGUHS Notification. Lateral entry for (2<sup>nd</sup> B.Pharm) will be only 10% based on total intake and vacant seats in the 1<sup>st</sup> year B.Pharm 2020-21.

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

REGISTRAR





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2021-2022

Date: 05.04.2022

## REVISED NOTIFICATION

Ref: 1. RGUHS/AC2-ADM/COE/2021-2022 dated: 30.06.2021, 27.10.2021. 17.01.2022,  
14.02.2022 & 15.03.2022

2. KEA Letter No. EA / KEA / M.Pharm / 2021 dated: 04.04.2022

Revised Calendar of Events for admission to M.Pharm & Pharm D (Post Baccalaureate) Courses for the academic year 2021-22 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Tentative last date of admission subject to last date of seat allotment by KEA and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	11.04.2022
2.	Commencement of academic session	03.01.2022
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	13.04.2022
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	18.04.2022
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	18.04.2022
6.	College wise verification documents for Admission approval	APRIL 2022
7.	Last date of Submission of deficient documents as pointed out during verification	15 days from the verification date
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	20 days from the date of verification
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	May 2022
10.	Tentative date of exam	June / July 2022

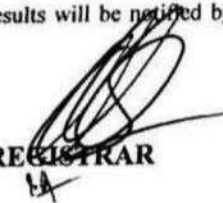
REGISTRAR

P T O

<b>(for Post Graduate Degree courses)</b>		
11	Submission of Synopsis to RGUHS	16.08.2022
12	Submission of Dissertation to RGUHS	02.12.2023
13	Submission of Dissertation to RGUHS	
	With fine of Rs. 1,500/-per candidate	15.12.2023
	With fine of Rs. 4,000/- per candidate	29.12.2023

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year **2021-22** before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.



REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bangaluru
6. The System Analyst. RGUHS to host on the official Website.



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2020-2021

Date: 23.12.2020

### NOTIFICATION

Calendar of Events for admission to **PharmD and Pharm D (Post Baccalaureate)** for the academic year 2020-21 is hereby notified as follows:

Sl. No	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) Email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	11.01.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	13.01.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	16.01.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	16.01.2021
6.	College wise verification documents for Admission approval	April 2021
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15 (Fifteen) working days from the last date Prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05 (Five) working days from the date of hosting.

Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangalore





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2020-2021

Date: 23.12.2020

### NOTIFICATION

Calendar of Events for admission to B.Pharm for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghus.ac.in">registrar@rghus.ac.in</a> and <a href="mailto:vc@rghus.ac.in">vc@rghus.ac.in</a>	11.01.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	13.01.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	16.01.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	16.01.2021
6.	College wise verification documents for Admission approval	February- 2021
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a>	15(Fifteen) working days from the last date Prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05(Five) working days from the date of hosting.

#### Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rghus.ac.in](http://www.rghus.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. Registrar, Vice-Chancellor, Registrar (Eva), and Finance Officer, RGHUS, Bangalore



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

RefNo: RGUHS/AC2-ADM/COE/2020-2021

Date: 07.01.2021

### REVISED NOTIFICATION

This office Notification No. RGUHS/AC2-ADM/COE/2020-2021 dated: 23.12.2020, the revised dates for Calendar of Events for admission to B.Pharm including Lateral Entry for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	25.01.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	28.01.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	30.01.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	30.01.2021
6.	College wise verification documents for Admission approval	March 2021
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15(Fifteen) working days from the last date Prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05(Five) working days from the date of hosting.

#### Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will NOT be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangalore
6. The System Analyst, RGUHS to host on the official Website.

Note: Colleges have to engage special classes for the students who all admitted after 01.01.2021 and bring it to the notice of RGUHS.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2020-2021

Date: 07.01.2021

### REVISED NOTIFICATION

This office Notification No. RGUHS/AC2-ADM/COE/2020-2021 dated: 23.12.2020, the revised dates for Calendar of Events for admission to Pharm D and Pharm D (Post Baccalaureate) for the academic year 2020-21 is hereby notified as follows:

Sl. No	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) Email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	25.01.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	28.01.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	30.01.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	30.01.2021
6.	College wise verification documents for Admission approval	April 2021
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15 (Fifteen) working days from the last date Prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05 (Five) working days from the date of hosting.

#### Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will NOT be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangaluru
6. The System Analyst, RGUHS to host on the official Website.

Note: Colleges have to engage special classes for the students who all admitted after 01.01.2021 and bring it to the notice of RGUHS.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041  
Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Jayanagar, Bangalore - 560 041

RGUHS/AC2-ADM/CIR/2020-2021

Date: 25.01.2021

**CIRCULAR**

Sub: Admission approval of Students admitted to **B.Pharm & Pharm.D & Pharm.D (PB)** courses for the academic year 2020-2021.

Ref: Revised Notification No. RGUHS/AC2-ADM/COE/2020-2021, dated: 07.01.2021

\*\*\*\*\*

The university desires to complete the approval of admission of this academic year at the earliest. Accordingly Principal & concerned official of the college are instructed to be present in person on the mentioned date to furnish the required documents. You are also instructed to ensure the submitted documents and on the day specified and therefore advised to obtain the same on or before 08.02.2021.

The admission process will be completed and closed on the basis of all the available documents on the specified date and time. Please note that no further opportunity shall be given. University will not entertain for further admissions after above date.

  
**REGISTRAR**

**Note:** 25-01-2021 is the last date for admission of B.Pharm Pharm.D & Pharm.D(PB) courses for the academic year 2020-2021 as per the calendar of events issued by RGUHS dated 07.01.2021.

Hence all the Principals are directed to upload all the details of students in the RGUHS Admission Portal latest by 11.59pm on 05.02.2021. If you face any technical difficulties, Please send the details of students by E-mail to registrar@rguhs.ac.in without fail on 06.02.2021. It is once again reiterated that no hard copies are accepted in the office of Registrar and Hon'ble Vice Chancellor under any circumstances.

To,

**The Principal of All Pharmacy Colleges,  
Affiliated to Rajiv Gandhi University of Health Sciences,  
Karnataka, Bangalore.**



ರಾಜಿವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜವಾನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHHS/AC2-ADM/CE/2020-2021

Date: 25.01.2021

**REVISED NOTIFICATION**

This office Circular No. RGHHS/AC2-ADM/CE/2020-2021 dated 25.01.2021, the revised dates for Calendar of Events for admission to B.Pharm including Lateral Entry for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGHHS website <a href="http://www.rghhs.ac.in">www.rghhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghhs.ac.in">registrar@rghhs.ac.in</a> and <a href="mailto:vc@rghhs.ac.in">vc@rghhs.ac.in</a>	05.02.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	06.02.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university)	08.02.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	08.02.2021
6.	College wise verification documents for Admission approval	March 2021
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rghhs.ac.in">www.rghhs.ac.in</a>	15(Fifteen) working days from the last date Prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute	05(Five) working days from the date of hosting.

**Note:**

- The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
- Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
- If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
- Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
- Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the I mail to be sent and in the admission register to be submitted to the University. **Hard copies of the same will NOT be accepted by Registrar & Vice-Chancellor under any circumstances.**
- Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
- No Correspondence shall be the college regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
- Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
- Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

**REGISTRAR**

To,

ALL CONCERNED THROUGH [www.rghhs.ac.in](http://www.rghhs.ac.in).

- Secretary to Governor, Raj Bhavan, Bangalore 560 001
- Secretary to Medical Education, Dept. of H & FW Govt. of Karnataka, Vidhana Soudha, Bangalore 560 001
- Director of Medical Education, Ananda Rao Circle, Bangalore 560 009
- All officers of the University - All Sections in the University - ARS Regional Centers
- PA to Vice-Chancellor, Registrar, Registrar (Eval) and Finance Officer, RGHHS, Bangalore
- The System Analyst, RGHHS to host on the official Website

Note: Colleges have to engage special classes for the students who are admitted after 01.01.2021 and bring it to the notice of RGHHS.



Date: 25.01.2021

Ref No: RGUHS/AC2-ADM/COE/2020-2021

### REVISED NOTIFICATION

This office Circular No. RGUHS/AC2-ADM/CIR/2020-2021 dated: 25.01.2021, the revised dates for Calendar of Events for admission to Pharm D and Pharm D (Post Baccalaureate) for the academic year 2020-21 is hereby notified as follows:

Sl. No	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) Email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	05.02.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	06.02.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	08.02.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	08.02.2021
6.	College wise verification documents for Admission approval	April 2021
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15 (Fifteen) working days from the last date Prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05 (Five) working days from the date of hosting.

#### Note:

- The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
- Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
- If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
- Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
- Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will NOT be accepted by Registrar & Vice-Chancellor under any circumstances.**
- Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
- No Correspondence shall be the college regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
- Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
- Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) -

- Secretary to Governor, Raj Bhavan, Bangalore 560 001.
- Secretary to Medical Education, Dept. of H & FW, Govt of Karnataka, Vikasa Soudha, Bangalore 560 001.
- Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
- All officers of the University / All Sections in the University / ARS Regional Centers.
- PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangalore
- The System Analyst, RGUHS to host on the official Website.

Note: Colleges have to engage special classes for the students who all admitted after 01.01.2021 and bring it to the notice of RGUHS.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2020-2021

Date: 02.02.2021

### NOTIFICATION

Calendar of Events for admission to M.Pharm & Pharm D [Post Baccalaureate] for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	27.02.2021 before 11.59 pm
2.	Commencement of academic session	01.02.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	05.03.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	15.03.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	15.03.2021
6.	College wise verification documents for Admission approval	March/April 2021
7.	Last date of Submission of deficient documents as pointed out during verification	09.04.2021
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15.04.2021
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	20.04.2021
<b>(for Post graduate degree courses)</b>		
10.	Submission of Synopsis to RGUHS	31.08.2021
11.	Submission of Dissertation to RGUHS	30.06.2022
12.	Submission of Dissertation to RGUHS With fine of Rs. 1,500/-per candidate With fine of Rs. 4,000/- per candidate	15.07.2022 30.07.2022

#### Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration except for payment of fee and fine which is available through online payment.
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangaluru
6. The System Analyst, RGUHS to host on the official Website.

  
REGISTRAR





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2020-2021

Date: 05.02.2021

### REVISED NOTIFICATION

This office calendar of events No. RGHUS/AC2-ADM/COE/2020-2021 dated: 25.01.2021 & 02.02.2021, the revised dates for Calendar of Events for admission to B.Pharm, B.Pharm (Lateral Entry) & Pharm D for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghus.ac.in">registrar@rghus.ac.in</a> and <a href="mailto:vc@rghus.ac.in">vc@rghus.ac.in</a>	15.02.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	16.02.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	18.02.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	18.02.2021

Other scheduled mentioned in the notification dated: 25.01.2021 & 02.02.2021, (reference no. RGHUS/AC2-ADM/COE/2020-2021) remains same.

  
REGISTRAR  


To,

ALL CONCERNED THROUGH [www.rghus.ac.in](http://www.rghus.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGHUS, Bangalore
6. The System Analyst, RGHUS to host on the official Website.

Note: Colleges have to engage special classes for the students who all admitted after 01.01.2021 and bring it to the notice of RGHUS.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block. Javanagar. Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2020-2021

Date: 02.02.2021

### REVISED NOTIFICATION

This office calendar of events No. RGHUS/AC2-ADM/COE/2020-2021 dated: 25.01.2021, the revised dates for Calendar of Events for admission to B.Pharm Lateral Entry (only for CET students) for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> . along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	10.02.2021 before 11.59 pm
2.	Commencement of academic session	01.01.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	12.02.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	15.02.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	15.02.2021

Other scheduled mentioned in the notification dated: 25.01.2021, (reference no. RGHUS/AC2-ADM/COE/2020-2021) remains same.

  
REGISTRAR

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGHUS, Bangaluru
6. The System Analyst. RGHUS to host on the official Website.

Note: Colleges have to engage special classes for the students who all admitted after 01.01.2021 and bring it to the notice of RGHUS.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2020-2021

Date: 01.03.2021

### REVISED NOTIFICATION

In continuation of this office calendar of events No. RGUHS/AC2-ADM/COE/2020-2021 dated: 02.02.2021, the revised Calendar of Events for admission to M.Pharm & Pharm D [Post Baccalaureate] for the academic year 2020-21 is hereby notified as follows:

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	09.03.2021 before 11.59 pm
2.	Commencement of academic session	01.02.2021
3.	Online payment of admission fees payable to the university in full (partial payments is NOT allowed)	12.03.2021
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee in full to the university (attested photocopies of the same to be left with university).	15.03.2021
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	15.03.2021
6.	College wise verification documents for Admission approval	March/April 2021
7.	Last date of Submission of deficient documents as pointed out during verification	09.04.2021
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15.04.2021
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	20.04.2021
<b>(for Post graduate degree courses)</b>		
10.	Submission of Synopsis to RGUHS	31.08.2021
11.	Submission of Dissertation to RGUHS	30.06.2022
12.	Submission of Dissertation to RGUHS With fine of Rs. 1,500/-per candidate With fine of Rs. 4,000/- per candidate	15.07.2022 30.07.2022

#### Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2020-21 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration except for payment of fee and fine which is available through online payment.
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the Email to be sent and in the admission register to be submitted to the University. **Hard copies of the same will not be accepted by Registrar & Vice-Chancellor under any circumstances.**
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

To,

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bangalore
6. The System Analyst, RGUHS to host on the official Website

  
REGISTRAR





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,  
4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka  
4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGHUS/AC2-ADM/COE/2019-20

NOTIFICATION

Date: 03.05.2019

Calendar of Events for admission to B.Pharm and M.Pharm for the academic year 2019-20 is hereby notified as follows:

Sl. No	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGHUS website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a> , along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rghus.ac.in">registrar@rghus.ac.in</a> and <a href="mailto:vc@rghus.ac.in">vc@rghus.ac.in</a>	14.08.2019 before 5.30 pm
2.	Commencement of academic session	01.08.2019
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	17.08.2019
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	21.08.2019
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	26.08.2019
6.	College wise verification documents for Admission approval	18.09.2019 to 23.10.2019
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rghus.ac.in">www.rghus.ac.in</a>	15(Fifteen) working days from the last date prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05(Five) working days from the date of hosting.
<b>(for post graduate degree courses)</b>		
10.	Submission of Synopsis to RGHUS	31.03.2020
11.	Submission of Dissertation to RGHUS	30.06.2021
12.	Submission of Dissertation to RGHUS With fine of Rs.1,500/-Per candidate With fine of Rs.4,000/-Per candidate	15.07.2021 30.07.2021

Note:

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2019-20 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and email must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be holiday, the following Working day shall be taken into consideration except for payment of fee and fine which is available through online payment.
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the e-mail to be sent and in the admission register to be submitted to the University. Hard copies of the same must be submitted to the office of the Register and vice-chancellor in person in duplicate and an acknowledgement be obtained from the designated office of the respective offices during the office hours of the next working day. Otherwise, such admission will not be accepted.
6. Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
7. No Correspondence shall be the college regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (evaluation) separately.

To

ALL CONCERNED THROUGH [www.rghus.ac.in](http://www.rghus.ac.in).

1. Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. PA to Vice - Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGHUS, Bangalore
6. The system Analyst, RGHUS to host on the official Website.

  
REGISTRAR



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಟಿ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Javanagar, Bangalore - 560 041

Ref No: RGUHS/AC2-ADM/COE/2019-20

NOTIFICATION

Date: 03.05.2019

Calendar of Events for admission to Pharm.D and Pharm.D (Post Bacallaureate) for the academic year 2019-20 is hereby notified as follows:

Sl. No	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission Statements on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> along with the latest students clear colour photos. b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> and <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.08.2019 before 5.30pm
2.	Commencement of academic session	01.08.2019
3.	Online payment of admission fees payable to the university <b>in full</b> (partial payments is NOT allowed)	03.09.2019
4.	Getting admission register certified by the registrar or his designated Official of the university and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	06.09.2019
5.	Last date for submission of Online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	16.09.2019
6.	College wise verification documents for Admission approval	18.09.2019 to 23.10.2019
7.	Last date of Submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of Verification
8.	Tentative last date for hosting Admission approval statement in the university website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	15(Fifteen) working days from the last date prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05(Five) working days from the date of hosting.

Note:

- 1 The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2019-20 before the last date of admission.
- 2 Request for correction of name in the online admission statement will not be entertained Entry of names in the online admission statement, by itself does not vest the right of admission approval, number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
- 3 If any of the above dates happens to be holiday, the following Working day shall be taken into consideration **except for payment of fee and fine which is available through online payment.**
- 4 Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
- 5 Those names that could no be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the e-mail to be sent and in the admission register to be submitted to the University. Hard copies of the same must be submitted to the office of the Registrar and vice-chancellor in person in duplicate and an acknowledgement be obtained from the designated office of the respective offices during the office hours of the next working day. Otherwise, such admission will not be accepted.
- 6 Except date of verification of documents for admission approval will be intimated to the college by the university. The principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit, University will go ahead with verification of documents pertaining to their college even in their absence.
- 7 No Correspondence shall be the college regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
- 8 Principal of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
- 9 Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (evaluation) separately.

To

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in) .

- 1 Secretary to Governor, Raj Bhavan, Bangalore 560 001.
- 2 Secretary to Medical Education, Dept, of H & FW, Govt, of Karnataka, Vikasa Soudha, Bangalore 560 001.
- 3 Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
- 4 All officers of the University / All Sections in the University / ARS Regional Centers.
- 5 PA to Vice - Chancellor , Registrar, Registrar (Eva) , and Finance Officer, RGUHS, Bengaluru
- 6 The system Analyst, RGUHS to host on the official Website.

  
Registrar





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041.

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Jayanagar, Bengaluru - 560 041

No. DSW/COE/2018-19

Date : 19.03.2018

**NOTIFICATION**

Calendar of Events for admission to **B.Pharm & M.Pharm** for the academic year 2018-2019 is hereby notified as follows:  
REF : 1) 131<sup>st</sup> meeting of the Syndicate held on 05-02-2018.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission statement on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students' clear colour photos b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> & <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	15.08.2018
2.	Commencement of academic session	01.08.2018
3.	Online payment of admission fees payable to the University <b>in full</b> (partial payment is NOT allowed)	17.08.2018
4.	Getting admission register certified by the Registrar or his designated official of the University and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	21.08.2018
5.	Last date for submission of online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	28.08.2018
6.	College-wise verification of documents for Admission approval	20.09.2018 to 22.10.2018
7.	Last date of submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of verification
8.	Tentative last date for hosting Admission approval statement in the University website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	10 (Ten) working days from the last date prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05 (Five) working days from the date of hosting.
<b>(for post graduate degree courses)</b>		
10.	Submission of Synopsis to RGUHS	31.03.2019
11.	Submission of Dissertation to RGUHS	30.06.2020
12.	Submission of Dissertation to RGUHS With fine of Rs. 1,500/- per candidate With fine of Rs. 4,000/- per candidate	15.07.2020 30.07.2020

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2018-19 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be a holiday, the following working day shall be taken into consideration **except for payment of fees and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the e-mail to be sent and in the admission register to be submitted to the University. Hard copies of the same must be submitted to the office of the Registrar and Vice-Chancellor in person in duplicate and an acknowledgement be obtained from the designated official of the respective offices during the office hours of the next working day. Otherwise, such admissions will not be accepted.
6. Exact date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
7. No correspondence shall be made to the college regarding deficient documents except during verification Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principals of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from any anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

TO

REGISTRAR

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. The Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. The Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. The Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. The PA to Vice- Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bengaluru
6. The system Analyst ,RGUHS to host on the Official Website.





ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ,

4ನೇ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041.

Rajiv Gandhi University of Health Sciences, Karnataka

4<sup>th</sup> 'T' Block, Jayanagar, Bengaluru - 560 041

No. DSW /COE/2018-19

Date : 19.03.2018

**NOTIFICATION**

Calendar of Events for admission to **Pharm D & Pharm D (Post Baccalaureate)** for the academic year 2018-2019 is hereby notified as follows:

REF : 1) 131<sup>st</sup> meeting of the Syndicate held on 05-02-2018.

Sl. No.	DESCRIPTION OF EVENTS	SCHEDULE
1.	Last date of admission and a) Online uploading of admission statement on RGUHS website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a> , along with the latest students' clear colour photos b) email the list of students admitted to <a href="mailto:registrar@rguhs.ac.in">registrar@rguhs.ac.in</a> & <a href="mailto:vc@rguhs.ac.in">vc@rguhs.ac.in</a>	31.08.2018
2.	Commencement of academic session	01.08.2018
3.	Online payment of admission fees payable to the University <b>in full</b> (partial payment is NOT allowed)	02.09.2018
4.	Getting admission register certified by the Registrar or his designated official of the University and producing the proof of having remitted the prescribed fee <b>in full</b> to the university (attested photocopies of the same to be left with university).	06.09.2018
5.	Last date for submission of online entered printed admission statement with originals of the required documents including eligibility certificate (wherever applicable)	15.09.2018
6.	College-wise verification of documents for Admission approval	20.09.2018 to 22.10.2018
7.	Last date of submission of deficient documents as pointed out during verification	10 (Ten) working days from the date of verification
8.	Tentative last date for hosting Admission approval statement in the University website <a href="http://www.rguhs.ac.in">www.rguhs.ac.in</a>	10 (Ten) working days from the last date prescribed for receipt of deficient documents
9.	Tentative last date for posting the hard copy of Admission approval statement to the Principal of the concerned institute.	05 (Five) working days from the date of hosting.

**Note:**

1. The admitting college should have been notified as affiliated to the University with permission to admit students for the concerned course for the year 2018-19 before the last date of admission.
2. Request for correction of name in the online admission statement will not be entertained. Entry of names in the online admission statement, by itself does not vest the right of admission approval. Number and the name of students uploaded in the online admission statement and e mail must match and not exceed the number of admissions approved. All excess admissions beyond the approved number will be rejected.
3. If any of the above dates happens to be a holiday, the following working day shall be taken into consideration **except for payment of fees and fine which is available through online payment.**
4. Admission Register shall contain the date, amount and number of the receipt corresponding to the name of the student with the signature of the student. Admission of those Students who have not paid the admission fees in full will not be approved.
5. Those names that could not be uploaded in the online admission statement for whatever reason should be indicated in bold letters in the e-mail to be sent and in the admission register to be submitted to the University. Hard copies of the same must be submitted to the office of the Registrar and Vice-Chancellor in person in duplicate and an acknowledgement be obtained from the designated official of the respective offices during the office hours of the next working day. Otherwise, such admissions will not be accepted.
6. Exact date of verification of documents for admission approval will be intimated to the college by the university. The Principal and the concerned officials of the college must be present on the specified date and time without fail with any other document that they may wish to submit. University will go ahead with verification of documents pertaining to their college even in their absence.
7. No correspondence shall be made to the college regarding deficient documents except during verification. Principal is expected to keep track of the deficiencies and fulfill them well before the last date prescribed without any prompting.
8. Principals of the institutions should download admission approval of students and display the same in the college's notice board and website and discharge all disapproved students immediately. The University shall not entertain any further correspondence from anybody regarding disapproved students.
9. Exact dates of commencement of Theory & Practical examinations and date of declaration of results will be notified by the Registrar (Evaluation) separately.

  
REGISTRAR

TO

ALL CONCERNED THROUGH [www.rguhs.ac.in](http://www.rguhs.ac.in).

1. The Secretary to Governor, Raj Bhavan, Bangalore 560 001.
2. The Secretary to Medical Education, Dept. of H & FW, Govt. of Karnataka, Vikasa Soudha, Bangalore 560 001.
3. The Director of Medical Education, Ananda Rao Circle, Bangalore 560 009.
4. All officers of the University / All Sections in the University / ARS Regional Centers.
5. The PA to Vice- Chancellor, Registrar, Registrar (Eva), and Finance Officer, RGUHS, Bengaluru
6. The system Analyst ,RGUHS to host on the Official Website





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2022-2023

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1	3rd WEEK OF SEP 2022 (21 SEP 2022) TENTATIVELY	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm & I sem M. Pharm and I Year PharmD, I PharmD (PB)
2	2 <sup>ND</sup> WEEK OF OCT 2022	Seminar by Department of Pharmaceutics
3	4 <sup>TH</sup> WEEK OF OCT 2022	Seminar by Department of Pharmaceutics
4	1 <sup>ST</sup> WEEK OF NOV 2022	Seminar by Department of Pharmacology
5	1 <sup>ST</sup> WEEK OF NOV 2022	FDP by Department of Pharmacy Practice
6	2 <sup>ND</sup> WEEK OF DEC 2022	Seminar by Department of Pharmacy Practice
7	3RD WEEK DEC 2022 (11 DEC 2023) TENTATIVELY	Commencement of Classes For III, V and VII sem of B. Pharm, I and III Sem M. Pharm, II-V Year PharmD, II-ye a r PharmD (PB) & Commencement of Hospital Internship for VI PharmD and III PB students
8	4TH WEEK OF DEC 2022	Seminar/workshop/Guest lecture (Department of Pharmaceutical Chemistry) & IQAC
9	1 <sup>ST</sup> WEEK OF JAN 2023	Seminar by Department of Pharmaceutics
10	1 <sup>ST</sup> WEEK OF JAN 2023	FDP by Department of Pharmaceutical Chemiostry
11	1 <sup>ST</sup> WEEK OF JAN 2023	Guest lecture by Department of Pharmacology
12	4TH WEEK OF JAN 2023	Seminar/workshop/Guest lecture (Department of Pharmacy Practice) & IQAC
13	2nd WEEK OF FEB 2023	<b>I-Sessional Examination- I, III, V and VII sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
14	2nd WEEK OF FEB 2023	Guest lecture by Department of Pharmacognosy
15	2nd WEEK OF FEB 2023	Seminar by Department of Pharmacology
16	2nd WEEK OF FEB 2023	Seminar by Department of Pharmacy practice
17	2nd WEEK OF FEB 2023	Guest Lecture by Department of Pharmacology
18	2nd WEEK OF FEB 2023	Guest Lecture by Department of Pharmacognosy
19	4TH WEEK OF FEB 2023	seminar/workshop/Guest lecture (Department of Pharmaceutics) & IQAC
20	4TH WEEK OF FEB 2023	Guest lecture by Department of Pharmaceutics
21	1 <sup>ST</sup> WEEK OF MARCH 2023	Workshop by Department of Pharmacognosy
22	2nd WEEK OF MAR 2023	<b>I-Sessional Examination</b> for I to V Pharm D(RS2), II Pharm D PB(RS).
23	2nd WEEK OF MAR 2023	FDP by Department of Pharmacology
24	3RD WEEK OF MAR 2023	seminar/workshop/Guest lecture (Department of Pharmacology) & IQAC
25	4TH WEEK OF MAR 2023	seminar/workshop/Guest lecture (Department of Pharmacognosy) & IQAC
26	1ST WEEK OF MAY 2023	<b>II-Sessional Examination- I, III, V and VII sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
27	1ST WEEK OF MAY 2023	FDP by Department of Pharmaceutics



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

28	2ND WEEK OF MAY 2023	<b>Non-University subjects End semester Exam I Sem B. Pharm, III Sem M. Pharm</b>
29	3RD WEEK OF MAY 2023	Finalization of Internal Assessment Marks for I/III/V/VII semester B. Pharm (RS5) and I/III Sem M. Pharm (RS5) & Last date for submission of IA Marks to RGUHS
30	MAY/ JUNE 2023 (TENTATIVELY)	<b>RGUHS End Sem Exam -I, III, V and VII sem of B. Pharm (RS5)/ I &amp; III Sem M. Pharm (RS5) &amp;RGUHS Supplementary Exam B. Pharm, M. Pharm, PharmD</b>
31	3RD WEEK OF JUNE 2023	<b>II Sessional Examination for I-V Pharm D, I &amp; II Pharm D PB</b>
32	3RD WEEK OF JUNE 2023	FDP by Department of Pharmacognosy
33	4TH WEEK OF JUNE 2023	Commencement of classes for Even semester B. Pharm/ M. Pharm
34	4th WEEK OF JUNE 2023	seminar/workshop/Guest lecture (Department of Pharmaceutics) & IQAC
35	4th WEEK OF JUNE 2023	Guest lecture by Department of Pharmacology
36	2ND WEEK OF JULY 2023	Seminar/workshop/Guest lecture (Department of Pharmacy Practice) & IQAC
37	2ND WEEK OF JULY 2023	FDP by Department of Pharmaceutics
38	3 <sup>rd</sup> WEEK OF JULY 2023	Guest lecture by Department of Pharmacognosy
39	3 <sup>rd</sup> WEEK OF JULY 2023	Guest lecture by Department of Pharmacology
40	3 <sup>rd</sup> WEEK OF JULY 2023	Guest lecture by Department of Pharmaceutics
41	2ND WEEK OF AUG 2023	seminar/workshop/Guest lecture (Department of Pharmacology Dept) & IQAC
42	3RD WEEK OF AUG 2023	<b>I-Sessional Examination- II, IV and VI sem of B. Pharm (RS5)/II Sem M. Pharm (RS5)</b>
43	4TH WEEK OF AUG 2023	seminar/workshop/Guest lecture (Department of Pharmacognosy & IQAC
44	1ST WEEK OF SEP 2023	seminar/workshop/Guest lecture (Department of Pharmaceutical chemistry) & IQAC
45	2ND WEEK OF SEP 2023	Online /Offline Alumni Meet-2023
46	2 <sup>ND</sup> WEEK OF SEP 2023	Cultural events
47	3RD WEEK OF SEP 2023	<b>III Sessional Examination for I-V Pharm D, I &amp; II Pharm D PB</b>
48	1ST WEEK OF OCT 2023	Last Working Day of Academic Year 2022-23 For I-V Pharm D(RS2), I & II Pharm D PB (RS)
49	1 <sup>st</sup> WEEK OF OCT 2023	Workshop by Department of Pharmacology
50	2ND WEEK OF OCT 2023	<b>II-Sessional Examination- II, IV and VI sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)</b>
51	2 ND WEEK OF OCT 2023	<b>M.Pharm (RS5) IV semester -Dissertation submission last date to RGUHS</b>
52	3RD WEEK OF OCT 2023	Last Working Day of Academic Year 2022-23 For Semester B. Pharm, M. Pharm
53	3RD WEEK OF OCT 2023	Finalization of Internal Assessment Marks for I-V Pharm D, I&II Pharm D PB and II/IV/VI/VIII semester B. Pharm (RS5) and II/IV Sem M. Pharm (RS5) & Last date for submission of IA Marks to RGUHS
54	1st WEEK OF Nov 2023 (TENTATIVELY)	<b>RGUHS End Sem Exam -II, IV, VI and VIII sem of B. Pharm (RS5)/ II &amp; IV Sem M. Pharm (RS5) &amp; RGUHS Supplementary Exam B. Pharm, M. Pharm &amp;RGUHS Annual Exam PharmD, PharmD PB</b>
55	3RD WEEK OF DEC 2023	Completion of Hospital internship of VI PharmD and III PB

P. Padma

PRINCIPAL

The Oxford College of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### CALENDER OF EVENTS-ACADEMIC YEAR 2021-2022

#### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1.	4 <sup>th</sup> WEEK OF OCT 2021 (28 <sup>th</sup> OCT 2021) TENTATIVELY	Inauguration & Orientation Commencement of Classes for I Year (Isem)B. Pharm & I Sem M. Pharm and I Year PharmD, I PharmD (PB)
2.	4 <sup>th</sup> WEEK OF OCT 2021	Guest talk organized by Department of Pharmacology
3.	2 <sup>nd</sup> WEEK OF NOV 2021	<b>RGUHS EXAM 2020-21 Batch B. Pharm, M. Pharm, PharmD</b>
4.	3 <sup>RD</sup> WEEK OF NOV 2021	Seminar by Pharmaceutics
5.	3 <sup>RD</sup> WEEK OF NOV 2021	FDP by Pharmacology
6.	2 <sup>ND</sup> WEEK OF DEC 2021	Commencement of Classes For <b>III, V and VII Sem of B. Pharm, I and III Sem M. Pharm, I-V Year PharmD, I&amp;II-year PharmD (PB) &amp; Commencement of Hospital Internship for VI Pharm D and III PB students</b>
7.	4 <sup>th</sup> WEEK OF DEC 2021	Online Webinar/seminar (Department of Pharmaceutics) & IQAC
8.	4 <sup>th</sup> WEEK OF DEC 2021	Guest lecture organized by Department of Pharmacology
9.	4 <sup>th</sup> WEEK OF DEC 2021- 2 <sup>nd</sup> WEEK OF JAN 2022	Campus Interview/ Placement training webinars (Placement committee)
10.	2 <sup>nd</sup> WEEK OF JAN 2022	Seminar by Department of Pharmaceutics
11.	2 <sup>ND</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry) & IQAC
12.	2 <sup>ND</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmacognosy) & IQAC
13.	3 <sup>RD</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmacy practice) & IQAC
14.	3 <sup>RD</sup> WEEK OF JAN 2022	Guest Lecture organized by Department of Pharmaceutics
15.	3 <sup>RD</sup> WEEK OF JAN 2022	Online Webinar/seminar (Pharmaceutics Dept) & IQAC
16.	3 <sup>RD</sup> WEEK OF JAN 2022	FDP by Pharmacology
17.	4 <sup>TH</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry Dept) & IQAC
18.	4 <sup>TH</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
19.	4 <sup>th</sup> WEEK OF JAN 2022	Guest lecture Organized by NSS
20.	1 <sup>st</sup> WEEK OF FEB 2022	Guest lecture organized by Department of Pharmaceutics
21.	2 <sup>ND</sup> WEEK OF FEB 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
22.	3 <sup>RD</sup> WEEK OF FEB 2022	Online Webinar/seminar (Department of Pharmacy Practice) & IQAC
23.	4 <sup>TH</sup> WEEK OF FEB 2022	<b>I-Sessional Examination of I to V Pharm D(RS2), II Pharm D PB(RS).</b>
24.	4 <sup>TH</sup> WEEK OF FEB 2022	<b>I-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
25.	1 <sup>ST</sup> WEEK OF MAR 2022	<b>Non-University subj. End semester Exam I Sem B. Pharm, III Sem M. Pharm</b>
26.	2 <sup>nd</sup> WEEK OF MARCH 2022	Webinar by Departments of Pharmacognosy and Pharmaceutical Chemistry
27.	2 <sup>nd</sup> WEEK OF MARCH 2022	FDP by Department of Pharmaceutical Chemistry
28.	4 <sup>th</sup> WEEK OF MARCH 2022	Seminar by Department of Pharmacology



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

29	MARCH/ APR 2022 (TENTATIVELY)	RGUHS End Sem Exam -I, III, V and VII Sem of B. Pharm (RS5)/ I & III Sem M. Pharm (RS5) & RGUHS Supplementary Exam B. Pharm, M. Pharm, PharmD
30	15 APRIL 2022	Submission of M. pharm synopsis to RGUHS
31	3 <sup>RD</sup> WEEK OF APRIL 2022	Commencement of classes for Even semester B. Pharm/ M. Pharm
32	1 <sup>ST</sup> WEEK OF MAY 2022	Online Webinar/seminar (Pharmacognosy Dept) & IQAC
33	2 <sup>ND</sup> WEEK OF MAY 2022	II-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
34	2 <sup>ND</sup> WEEK OF MAY 2022	FDP by Department of Pharmaceutics
35	4 <sup>TH</sup> WEEK OF MAY 2022	II Sessional Examination for I-V Pharm D, I & II Pharm D PB
36	3 <sup>RD</sup> WEEK OF MAY 2022	Online Webinar/seminar (Department of Pharmaceutics) & IQAC
37	4 <sup>TH</sup> WEEK OF MAY 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry) & IQAC
38	1 <sup>ST</sup> WEEK OF JUNE 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
39	2 <sup>ND</sup> WEEK OF JUNE 2022	I-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm(RS5)
40	3 <sup>RD</sup> WEEK OF JUNE 2022	Online Webinar/seminar (Department of Pharmacy Practice) & IQAC
41	4 <sup>TH</sup> WEEK OF JUNE 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
42	2 <sup>ND</sup> WEEK OF JULY 2022	Online /Offline Alumni Meet-2022
43	4 <sup>TH</sup> WEEK OF JULY 2022	Webinar by Department of Pharmacology
44	2 <sup>ND</sup> WEEK OF JULY 2022	Online/Offline Cultural events (Cultural committee)
45	3 <sup>RD</sup> WEEK OF JULY 2022	Online Webinar/seminar (Department of Pharmacognosy) & IQAC
46	3 <sup>RD</sup> WEEK OF JULY 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry) & IQAC
47	1 <sup>ST</sup> WEEK AUG 2022	M.Pharm (RS5) IV semester -Dissertation submission last date to RGUHS
48	4 <sup>TH</sup> WEEK OF AUG 2022	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M Pharm (RS5)
49	4 <sup>TH</sup> WEEK OF AUG 2022	III Sessional Examination for I-V Pharm D, I & II Pharm D PB
50	4 <sup>TH</sup> WEEK OF AUG 2022	Seminar by Department of Pharmacognosy
51	4 <sup>TH</sup> WEEK OF AUG 2022	Last Working Day of Academic Year 2021-22 For Semester

*P. Padma*  
Principal

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2020-2021

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1.	15 <sup>th</sup> JULY 2020	Commencement of Classes For, B. Pharm, M. Pharm, PharmD, PharmD (PB) except I <sup>st</sup> Year of all course Commencement of Hospital Internship for VI PharmD and III PB students
2.	4 <sup>th</sup> WEEK OF SEPTEMBER 2020	I-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
3.	4 <sup>th</sup> WEEK OF SEPTEMBER 2020	I-Sessional Examination of I to V Pharm D(RS2), II Pharm D PB(RS).
4.	3 <sup>rd</sup> WEEK OF OCTOBER 2020	Webinar by Department of Pharmacy practice
5.	2 <sup>nd</sup> WEEK OF NOVEMBER 2020	Soft skill Programme by Department of Pharmacology
6.	1 <sup>st</sup> WEEK OF DEC 2020 (10 <sup>th</sup> Dec 2020)	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm & M. Pharm and I Year PharmD, I PharmD (PB)
7.	3 <sup>rd</sup> WEEK OF DEC 2020	<b>RGUHS EXAM 2019-20 Batch B. Pharm, M. Pharm, PharmD</b>
8.	4 <sup>th</sup> WEEK OF DECEMBER	Webinar by Department of Pharmaceutics
9.	2 <sup>nd</sup> WEEK OF FEB 2021	FDP by Department of Pharmaceutical Chemistry
10.	1 <sup>st</sup> WEEK OF MARCH 2021	II Sessional Examination for I-V Pharm D, I & II Pharm D PB
11.	1 <sup>st</sup> WEEK OF MARCH 2021	II-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
12.	2 <sup>nd</sup> WEEK OF MARCH 2021	Non-University subj. End semester Exam I Sem B. Pharm, III Sem M. Pharm
13.	4 <sup>th</sup> WEEK OF MARCH 2021	<b>RGUHS End Sem Exam - III, V and VII Sem of B. Pharm (RS5)/III Sem M. Pharm (RS5) &amp; Supplementary Exam B. Pharm, M. Pharm, PharmD</b>
14.	1 <sup>st</sup> WEEK OF MAY 2021	FDP by Department of Pharmacy Practice
15.	3 <sup>rd</sup> WEEK OF MAY 2021	Soft skill Programme by Department of Pharmacognosy
16.	4 <sup>th</sup> WEEK OF MAY 2021	Life skill Programme by Departments of Pharmacognosy and Pharmacology
17.	4 <sup>th</sup> WEEK OF MAY 2021	Workshop by Departments of Pharmacology and Pharmaceutics
18.	1 <sup>st</sup> WEEK OF JUNE 2021	Guest Lecture by NSS
19.	2 <sup>nd</sup> WEEK OF JUNE 2021	Seminar by Departments of Pharmaceutics & Pharmacy practice
20.	3 <sup>rd</sup> WEEK OF JUNE 2021	Life skill Programme by NSS
21.	4 <sup>th</sup> WEEK OF JUNE 2021	Soft skill Programme by Department of Pharmaceutics
22.	4 <sup>th</sup> WEEK OF JUNE 2021	I-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
23.	1 <sup>st</sup> WEEK OF JUNE 2021	Guest Lecture by NSS



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

24.	1 <sup>st</sup> WEEK OF JULY 2021	Guest Lecture by Department of Pharmaceutics
25.	2 <sup>nd</sup> WEEK OF JULY 2021	<b>RGUHS End Sem Exam – I Sem of B. Pharm (RS5)/ I Sem MPharm (RS5)</b>
26.	2 <sup>nd</sup> WEEK OF JULY 2021	FDP by Department of Pharmacology
27.	1 <sup>st</sup> WEEK OF JULY 2021	Soft skill Programme by Department of Pharmacology
28.	4 <sup>th</sup> WEEK OF JULY 2021	Webinar by Departments of Pharmaceutics & Pharmaceutical Chemistry
29.	1 <sup>ST</sup> WEEK OF AUG 2021	Last date for submission of M. Pharm IV Sem Dissertation /IA Marks to RGUHS
30.	2 <sup>ND</sup> WEEK OF AUG 2021	III Sessional Examination for I–V Pharm D, I & II Pharm D PB
31.	2 <sup>ND</sup> WEEK OF AUG 2021	FDP by Department of Pharmacy Practice
32.	3 <sup>RD</sup> WEEK OF SEP 2021	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
33.	2 <sup>ND</sup> WEEK OF AUG 2021	Last Working Day of Academic Year 2020-21 For I–V Pharm D(RS2), I & II Pharm D PB (RS)
34.	2 <sup>ND</sup> WEEK OF AUG 2021	Soft skill Programme by Department of Pharmacognosy
35.	4 <sup>TH</sup> WEEK OF AUG 2021	RGUHS semester Exam for M. Pharm (RS5) IV semester - Dissertation Evaluation
36.	3 <sup>RD</sup> WEEK OF SEP 2021	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
37.	4 <sup>th</sup> WEEK OF SEP 2021	Last Working Day of Academic Year 2020-21 For Semester B. Pharm and M. Pharm
38.	4 <sup>th</sup> WEEK OF SEP 2021	Finalization of Internal Assessment Marks for I–V Pharm D, I&II Pharm D PB and II/IV/VI semester B. Pharm (RS5) and II Sem M.Pharm (RS5)
39.	4 <sup>TH</sup> WEEK OF AUG 2021	Completion of Hospital internship of VI PharmD and III PB students
40.	2 <sup>nd</sup> WEEK OF SEP 2021	RGUHS semester Exam for B. Pharm (RS5) II/IV/VI Semester and M.Pharm (RS5) II semester
41.	2 <sup>nd</sup> WEEK OF SEP 2021	RGUHS Annual Exam for IV-year B. Pharm, I–V Pharm D, I & II Pharm D PB

*P. Padua*  
Principal

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru –560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2019-2020

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1.	24 <sup>th</sup> JULY 2019	Commencement of Classes For, B, Pharm, M. Pharm, PharmD, PharmD (PB) except 1 <sup>st</sup> Year of all course  Commencement of Hospital Internship for VI PharmD and III PB students
2.	1 <sup>st</sup> WEEK OF AUGUST 2019 (5 <sup>th</sup> Aug 2019)	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm, M. Pharm and I Year PharmD, PharmD (PB)
3.	4 <sup>th</sup> WEEK OF SEPTEMBER 2019	Faculty development program by Department of Pharmaceutical Chemistry
4.	4 <sup>th</sup> WEEK OF SEPTEMBER 2019	Workshop by Department of Pharmaceutics
5.	2 <sup>ND</sup> WEEK OF OCTOBER 2019	I-Sessional Examination- I, III and V Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
6.	3 <sup>RD</sup> WEEK OF OCTOBER 2019	I-Sessional Examination of IV B Pharm (RS4), I to V Pharm D (RS2), I & II Pharm D PB (RS).
7.	1 <sup>ST</sup> WEEK OF NOVEMBER 2019	Seminar by Pharmacy Practice
8.	4 <sup>TH</sup> WEEK OF NOVEMBER 2019	RGUHS Supplementary Exam of B. Pharm, M. Pharm, Pharm.D
9.	2 <sup>ND</sup> WEEK OF DECEMBER 2019	II-Sessional Examination- I, III and V Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
10.	4 <sup>TH</sup> WEEK OF DECEMBER 2019	RGUHS B. Pharm and M. Pharm (RS5) I/III Semester Exam
11.	4 <sup>TH</sup> WEEK OF DECEMBER 2019	Seminar by Department of Pharmaceutics
12.	2 <sup>ND</sup> WEEK OF JANUARY 2020	II/IV/VI Semester Classes begin for B. Pharm and II/IV Sem for M. Pharm (RS5)
13.	3 <sup>RD</sup> WEEK OF JANUARY 2020	Faculty development program by Dept. Pharmacy Practice
14.	1 <sup>ST</sup> WEEK OF FEBRUARY 2020	II-Sessional Examination for IV-year B Pharm (RS4), I-V Pharm D (RS2), I & II Pharm D PB (RS).
15.	2 <sup>ND</sup> WEEK OF FEBRUARY 2020	Seminar by Department of Pharmacognosy
16.	4 <sup>TH</sup> WEEK OF MARCH 2020	I-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
17.	4 <sup>TH</sup> WEEK OF MARCH 2020 (31 <sup>ST</sup> MARCH 2020)	Last date for submission of M. Pharm IV Sem Dissertation to RGUHS
18.	3 <sup>RD</sup> WEEK OF APRIL 2020	III Sessional Examination for IV-year B. Pharm, I-V Pharm D, I & II Pharm D PB
19.	3 <sup>RD</sup> WEEK OF APRIL 2020	Faculty development program by Department of Pharmaceutical Chemistry
20.	4 <sup>TH</sup> WEEK OF APRIL 2020	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
21.	1 <sup>ST</sup> WEEK OF MAY 2020	Finalization of Internal Assessment Marks for IV-year BPharm, I-V Pharm D, I&II Pharm D PB and II/IV/VI semester B. Pharm (RS5) and II



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

		<b>Sem M. Pharm (RS5)</b>
22.	2 <sup>ND</sup> WEEK OF MAY 2020	Last Working Day of Academic Year 2019-20 For IV-year B. Pharm (RS4), I-V Pharm D(RS2), I & II Pharm D PB (RS) and II/IV/VI Semester B. Pharm (RS5) and II Sem M. Pharm (RS5)
23.	4 <sup>th</sup> WEEK OF MAY 2020	<b>RGUHS semester Exam for B. Pharm (RS5) II/IV/VI Semester and M.Pharm (RS5) II semester</b>
24.	4 <sup>th</sup> WEEK OF MAY 2020	<b>RGUHS Annual Exam for IV-year B. Pharm, I-V Pharm D, I &amp; II Pharm D PB</b>
25.	3 <sup>rd</sup> WEEK OF JUNE 2020	Seminar by Department of Pharmacology
26.	2 <sup>nd</sup> WEEK OF JULY 2020	Faculty development program by Department of Pharmacognosy
27.	3 <sup>rd</sup> WEEK OF JULY 2020	<b>Completion of Hospital internship of VI PharmD and III PB students</b>

*P. Padma*  
Principal

**PRINCIPAL**

The Oxford College Of Pharmacy  
No.6/9,1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2018-2019 B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1	30 <sup>th</sup> JULY 2018	Commencement of Classes for B. Pharm, M. Pharm, Pharm D, Pharm D(PB) except 1 <sup>st</sup> Year of all course
2	2 <sup>ND</sup> WEEK OF AUGUST 2018 (8 <sup>th</sup> AND 9 <sup>TH</sup> Aug 2018)	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm, M. Pharm and I Year PharmD, Pharm D (PB)
3	2 <sup>ND</sup> WEEK OF AUGUST 2018	Faculty development program by Department of Pharmaceutical chemistry
4	3 <sup>RD</sup> Week of SEP 2018	Guest Lecture by Department of Pharmaceutics
5	4 <sup>th</sup> Week of SEP 2018	Seminar by Department of Pharmaceutical Chemistry
6	1 <sup>st</sup> WEEK OF OCTOBER 2018	<b>I and III Sem/I-Sessional Examination of BPharm, M. Pharm (RS5)</b>
7	2 <sup>nd</sup> WEEK OF OCTOBER 2018	<b>I-Sessional Examination of III-IV B Pharm (RS4), I-V PharmD(RS2), I &amp; II PharmD PB(RS).</b>
8	4 <sup>th</sup> WEEK OF OCTOBER 2018	Seminar by Department of Pharmaceutics
9	4 <sup>TH</sup> WEEK OF NOVEMBER 2018	<b>RGUHS Supplementary Exam for B. Pharm, M. Pharm, PharmD</b>
10	2 <sup>ND</sup> WEEK OF DECEMBER 2018	<b>I and III sem / II-Sessional Examination of B. Pharm, M. Pharm (RS5)</b>
11	4 <sup>TH</sup> WEEK OF DECEMBER 2018	<b>RGUHS B. Pharm and M. Pharm (RS5) I/III Semester Exam</b>
12	2 <sup>ND</sup> WEEK OF JANUARY 2019	II Semester Classes begins for B. Pharm and M. Pharm (RS5)
13	2 <sup>ND</sup> WEEK OF JANUARY 2019	Faculty development program by Department of Pharmaceutics.
14	2 <sup>ND</sup> WEEK OF JANUARY 2019	Seminar by Department of Pharmacognosy
15	3 <sup>rd</sup> week of JANUARY 2019	Guest Lecture by Department of Pharmaceutics
16	4 <sup>TH</sup> WEEK OF JANUARY 2019	<b>II-Sessional Examination for III-IV B Pharm (RS4), I-V PharmD(RS2), I &amp; II Pharm D PB(RS).</b>
17	2 <sup>ND</sup> WEEK OF FEB 2019	Guest Lecture by Department of Pharmacognosy
18	1 <sup>st</sup> WEEK OF MARCH 2019	Soft skill program by Department of Pharmacognosy
19	3 <sup>RD</sup> WEEK OF MARCH 2019	Guest Lecture by Department of Pharmacology
20	3 <sup>RD</sup> WEEK OF MARCH 2019	Counseling program for I year students



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

21	4 <sup>TH</sup> WEEK OF MARCH 2019	II and IV <sup>th</sup> Sem/I Sessional Exam of B.Pharm, M.Pharm (RS5)
22	3 <sup>RD</sup> WEEK OF APRIL 2019	III Sessional Examination for II-IV B. Pharm, I-V Pharm D, I & II Pharm D PB
23	3 <sup>RD</sup> WEEK OF APRIL 2019	Guest Lecture by Department of Pharmacy Practice
24	4 <sup>TH</sup> WEEK OF APRIL 2019	II and IV <sup>th</sup> sem /II Sessional Exam BPharm, M. Pharm (RS5)
25	1 <sup>ST</sup> WEEK OF MAY 2019	Finalization of Internal Assessment Marks for III-IV BPharm, I-V Pharm D, I&II Pharm D PB
26	2 <sup>ND</sup> WEEK OF MAY 2019	Last Working Day of Academic Year 2018-19 For III-IV year B. Pharm, I-V Pharm D, I & II Pharm D PB and II/IV semester B.Pharm and M.Pharm (RS5)
27	2 <sup>ND</sup> WEEK OF MAY 2019	Workshop by Department of Pharmacognosy
28	3 <sup>RD</sup> WEEK OF MAY 2019	Faculty development program by Department of Pharmacognosy
29	3 <sup>RD</sup> WEEK OF MAY 2019	Seminar by Department of Pharmacy Practice
30	4 <sup>th</sup> WEEK OF MAY 2019	Finalization of Internal Assessment Marks for Even Sem M. Pharm and B. pharm
31	4 <sup>th</sup> WEEK OF MAY 2019	Submission of M. Pharm Dissertation to RGUHS
32	1 <sup>ST</sup> WEEK OF JUNE 2019	RGUHS B. Pharm and M. Pharm (RS5) II/IV Semester Exam
33	1 <sup>ST</sup> WEEK OF JUNE 2019	RGUHS Annual Exam For III-IV B. Pharm, I-V Pharm D, I & II Pharm D PB
34	3 <sup>RD</sup> WEEK OF JULY 2019	Completion of Hospital internship of VI Pharm D and III PB students

P. Padma  
Principal

PRINCIPAL

The Oxford College Of Pharmacy  
# 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2022-2023/01

16/09/2022

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for odd semester B Pharm and M Pharm, Pharm D courses on 26/09/2022 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**I SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	REM. BIO (MS JD)	HAP BATCH I (MS RNL /MS MKN) P' ANALYSIS BATCH II (MS CR/MR AK) LIBRARY BATCH III			P'CEUTICS BATCH I (MS UP) PIC BATCH III (MS VP) LIBRARY BATCH II				
TUE	PIC (MS VP)	HAP BATCH II (MS RNL/ MS MKN) P' ANALYSIS BATCH III (MS CR/ MR AK) LIBRARY BATCH I			P'CEUTICS I TUT. (MS UP)	LIBRARY	HAP I (MS RNL)		
WED	P' ANALYSIS (MS CR)	HAP BATCH III (MS RNL/ MS MKN) P' ANALYSIS BATCH I (MS CR/ MR AK) LIBRARY BATCH II			P'CEUTICS BATCH II (MS UP) PIC BATCH I (MS VP) LIBRARY BATCH III				
THUR	P' ANALYSIS TUT. (MS CR)	P' CEUTICS I (MS UP)	B R E	PIC (MS VP)	HAP I (MS RNL)	P' CEUTICS I (MS UP)	REM. MATHS	P' ANALYSIS (MS CR)	
FRI	P' ANALYSIS (MS CR)	REM. MATHS	A K	HAP I TUT. (MS RNL)	REM. BIO (MS JD)	P'CEUTICS BATCH III (MS UP) PIC BATCH II (MS VP) REM. BIOLOGY LAB (MS JD) [1:30-3:10pm]/LIBRARY BATCH I			
SAT	PIC (MS VP)	P' CEUTICS I (MS UP)		PIC TUT. (MS VP)	HAP I (MS RNL)	REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING			

Dean of Academics

Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	POC II (DR NL)	LIBRARY		LIBRARY	PP -I (MS SK)		P'MICRO. (MS SMP)	LIBRARY	PP -I TUT. (MS SK)
TUE	POC II BATCH I (DR NL) PP -I BATCH II (MS SK/MS TR) P'MICRO. BATCH III (MS SKC) P' ENGINEERING BATCH IV (MS PS)						PP -I (MS SK)	LIBRARY	P' ENG (DR V)
WED	POC II BATCH II (MS PP) PP -I BATCH III (MS SK/MS TR) P'MICRO. BATCH IV (MS JD) P' ENGINEERING BATCH I (DR V)						P'MICRO. (MS SMP)	LIBRARY	POC II TUT. (DR NL)
THUR	POC II (DR NL)	P' ENG. TUT. (DR V)		LIBRARY	PP -I (MS SK)		P'MICRO. TUT. (MS SMP)	LIBRARY	P' ENG. (DR V)
FRI	POC II BATCH III (MS PP) PP -I BATCH IV (MS SK/MS TR) P'MICRO. BATCH I (MS SMP/MS PD) P' ENGINEERING BATCH II (MS PS)						P'MICRO. (MS SMP)	POC II (DR NL)	P' ENG. (DR V)
SAT	POC II BATCH IV (MS SL) PP -I BATCH I (MS SK/MS TR) P'MICRO. BATCH II (MS SMP/MS PD) P' ENGINEERING BATCH III (DR V)						REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal





**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**V SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MC-II (MS CR)	LIBRARY	B R E A K	P' JURIS (MS KCK)	P'COGNOSY (MS TS)	L U N C H	IP-I BATCH I (MS DSK) P'COLOGY BATCH II (DR KR) P'COGNOSY BATCH III (MS SMP) LIBRARY BATCH IV		
TUE	MC-II (MS CR)	LIBRARY		P' JURIS (MS KCK)	P'COGNOSY (MS TS)		IP-I BATCH II (MS DSK) P'COLOGY BATCH III (DR KR) P'COGNOSY BATCH IV (MS SB) LIBRARY BATCH I		
WED	IP I (DSK)	P'COGNOSY TUT. (MS TS)		LIBRARY	MC-II (MS CR)		IP-I BATCH III (MS DSK) P'COLOGY BATCH IV (DR DM) P'COGNOSY BATCH I (MS SB) LIBRARY BATCH II		
THUR	P'COLOGY II (DR KR)	LIBRARY		IP I TUT. (DSK)	P'COLOGY II (DR KR)		IP-I BATCH IV (MS DSK) P'COLOGY BATCH I (DR DM) P'COGNOSY BATCH II (MR SD) LIBRARY BATCH III		
FRI	P'COGNOSY (MS TS)	LIBRARY		IP I (DSK)	P' JURIS (MS KCK)		IP I TUT (DSK)	LIBRARY	MC-II (MS CR)
SAT	P'COLOGY II (DR KR)	LIBRARY		P'COLOGY II TUT. (DR KR)	P' JURIS (MS KCK)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

Dean of Academics

P. Padua  
Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

[Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi]

Accredited by NAAC and International Accreditation Organization (IAO)

**VII SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	IP II (MS TR)	LIBRARY	B R E A K	IP II (MS TR)	NDDS (MS PS)	L U N C H	Regular IMA BATCH I (9-28) (MS SHA) Practice School P'COGNOSY (B-5) (49-60) (MS JD)			
TUE	IMA (DR JS)	NDDS (MS PS)		LIBRARY	IMA (MS SHA)		Practice School P'CHEMISTRY (B-1) (1-12) (MS SGP) Practice School P'CEUTICS (B-2) (13-24) (MS PS) Practice School P'PRACTICE (B-3) (25-36) (DR DR) Practice School P'COLOGY (B-4) (37-48) (MS SA)			
WED	NDDS (MS PS)	LIBRARY		LIBRARY	Ph. Prac. (DR JK)		Practice School P'CHEMISTRY (B-1) (1-12) (MS SGP) Practice School P'PRACTICE (B-3) (25-36) (MS LJ) Practice School P'COGNOSY (B-5) (49-60) (MS JD)			
THUR	IP II (MS TR)	Ph. Prac. (DR JK)		NDDS (MS PS)	IP II (MS TR)		Regular IMA BATCH III (29-36, 49-60) (MS SHA) Practice School P'CHEMISTRY (B-1) (1-12) (MS SGP) Practice School P'CEUTICS (B-2) (13-24) (MS PS) Practice School P'COLOGY (B-4) (37-48) (MS SA)			
FRI	Ph. Prac. (DR JK)	LIBRARY		Ph. Prac. (DR JK)	IMA (DR JS)		Regular IMA BATCH II (1-8,37-48) (MS SHA) Practice School P'PRACTICE (B-3) (25-36) (MS MSA) Practice School P'COGNOSY (B-5) (49-60) (MS PD)			
SAT	IMA (MS SHA)	Practice School P'CEUTICS (B-2) (13-24) (MS PS) Practice School P'COLOGY (B-4) (37-48) (MS SA)					REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING			

\*\* Practice school & IMA Practical batches students has to go according to their roll no. mentioned in the time-tab

Dean of Academics

Principal



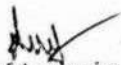


Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY- PHARM D (2022-2023) BATCH--TIME TABLE**

DAY TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MBC (MR AC)	LIBRARY	B R E A K	PIC (MR AK)	HAP (Dr NS)	L U N C H	PIC (MR AK)	LIBRARY	HAP (DR NS)
TUE	HAP (MS JA)	LIBRARY		PIC TUT. (MR AK)	POC (MS PP)		P'CEUTICS LAB B I (MS AV) PIC LAB B II (MR AK)		
WED	HAP TUT. (MS JA)	P'CEUTICS (DR GK)		LIBRARY	P'CEUTICS TUT. (DR GK)		HAP LAB B I (MS JA) POC LAB B II (MS PP)		
THUR	POC TUT. (MS PP)	PIC LAB B I (MR AK) MBC LAB B II (MR AC)			MBC (MR AC)		LIBRARY	MBC TUT. (MR AC)	
FRI	POC (MS PP)	LIBRARY		POC (MS PP)	MBC (MR AC)		POC LAB B I (MS PP) HAP LAB B II (MS JA)		
SAT	P'CEUTICS (DR GK)	MBC LAB B I (MR AC) P'CEUTICS LAB B II (MS AV)			REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING				

  
 Dean of Academics

  
 P. Padma  
 Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

**SECOND YEAR DOCTOR IN PHARMACY-PHARM D (2022-2023) BATCH --TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PCTH I BATCH I (DR SP)							HWR		
TUE	MICRO (DR DM)	P'COGNOSY (MR SD)	BRE AK	P'COLOGY (MS MKN)	PATHO. (DR NS)			MICRO (DR DM)	LIBRARY	P'COLOGY (MS MKN)
WED	PCTH-I (DR SP)	PATHO. (DR NS)	BRE AK	PCTH-I TUT. (DR SP)	P'COGNOSY (MR SD)			P' MICRO. LAB (DR DM)		
THUR	CP (DR JB)	P'COGNOSY LAB (MR SD/MS PD)						MICRO (DR DM)	LIBRARY	P'COLOGY TUT. (MS MKN)
FRI	PATHO. TUT (DR NS)	MICRO (DR DM)	BRE AK	LIBRARY	PCTH-I (DR SP)			PATHO. (DR NS)	PCTH-I (DR SP)	CP (DR JB)
SAT	CP (DR JB)	P'COGNOSY (MR SD)	BRE AK	P'COGNOSY TUT. (MR SD)	P'COLOGY (MS MKN)			REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 P. Padma  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**THIRD YEAR DOCTOR IN PHARMACY-PHARM D (2022-2023) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P'ANALYSIS LAB (MS VP)				MC (Dr NL)		P' FORM. (KCK)	MC (Dr NL)	PCTH II (MS LJ)
TUE	P'COLOGY (MS GS)	P' JURIS (MS AV)	BRE AK	P'COLOGY TUT. (MS GS)	P' FORM. (KCK)		P'ANALYSIS (MS VP)	PCTH II (MS LJ)	P' FORM. (KCK)
WED	P'ANALYSIS (MS VP)	P'COLOGY (MS GS)	BRE AK	P'ANALYSIS TUT. (MS VP)	P' JURIS (MS AV)		P' FORMULATION LAB (KCK)		
THUR	PCTH II LAB (MS LJ)				PCTH II (MS LJ)		PCTH II TUT. (MS LJ)	HWR	
FRI	MC (Dr NL)	P'ANALYSIS (MS VP)	BRE AK	MC TUT. (Dr NL)	P'COLOGY (MS GS)		P'COLOGY LAB (MS GS/DR KR)		
SAT	MC LAB (Dr NL)				P' JURIS TUT. (MS AV)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR DOCTOR IN PHARMACY PHARM D (2022-2023) BATCH --TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CT (DR KR)	BPK (MS KS)	BRE AK	HP (DR NB)	PCTH III (DR JK)		PCTH III (DR JK)	Library	BPK TUT. (MS KS)
TUE	PCTH III LAB (DR JK)				PCTH III TUT. (DR JK)		HWR		
WED	CP LAB (MS LJ)				CP TUT. (MS LJ)		HP TUT. (DR NB)	HP LAB (DR NB/MS MSA)	
THUR	BPK LAB (MS KS/MS PSY)				PCTH III (DR JK)		HP (DR NB)	Library	CT (DR KR)
FRI	BIOSTAT (MS DSK)	Library	BRE AK	BPK (MS KS)	CP (MS LJ)		CP (MS LJ)	CT TUT. (DR KR)	BPK (MS KS)
SAT	BIOSTAT (MS DSK)	BIOSTAT TUT. (MS DSK)	BRE AK	CP (MS LJ)	Library		REMEDIAL/ENRICHMENT PROGRAMS VAC/CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 P. Padma  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY PHARM D (POST BACCALAUREATE) (2022-2023) BATCH --TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CT (MS JA)	BPK (MS KS)	BRE AK	HP (DR NAS)	PCTH III (DR JK)		PCTH III (DR JK)	HCP (DR NAS)	BPK TUT. (MS KS)
TUE	PCTH III LAB (DR JK)				PCTH III TUT. (DR JK)		PCTH I & II TUT. (DR SP)	PCTH I & II LAB (DR SP)	
WED	CP LAB (DR (MS LJ)				CP TUT. (MS LJ)		HP TUT. (DR NAS)	HP LAB (DR NAS)	
THUR	BPK LAB (MS KS/MS PSY)				PCTH III (DR JK)		HP (DR NAS)	PCTH I & II (DR SP)	CT (MS JA)
FRI	BIOSTAT (MS SB)	PCTH I & II (DR SP)	BRE AK	BPK (MS KS)	CP (MS LJ)		BPK (MS KS)	CP (MS LJ)	CT TUT. (MS JA)
SAT	BIOSTAT (MS SB)	BIOSTAT TUT. (MS SB)	BRE AK	CP (MS LJ)	PCTH I & II (DR SP)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics


  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

FIFTH YEAR DOCTOR IN PHARMACY-PHARM D (2022-2023) BATCH TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CR (DR PS)	LIBRARY			LIBRARY		CPKTD (DR JK)		CPKTD (DR JK)
TUE	PE TUT. (DR DR)	HWR (DR SP)					HWR		
WED	PROJECT WORK				CR (DR PS)		HWR		
THUR	CR TUT. (DR PS)	JOURNAL CLUB (DR NAS)			PE (DR DR)		PROJECT WORK		
FRI	CLERKSHIP (DR NB/MS MSA)						HWR		
SAT	PE (DR DR)	CR (DR PS)	BR EA K	PE (DR DR)	CPKTD TUT. (DR JK)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR PHARM D POST BACCALAUREATE (2022-2023) BATCH TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CR (DR PS)	LIBRARY		LIBRARY	CPKTD (DR JK)		CPKTD (DR JK)	DRUG OF THE WEEK (DR NAS)	DRUG OF THE WEEK (DR NAS)
TUE	PE TUT. (DR SP)	HWR (DR SP)					HWR		
WED	PROJECT WORK				CR (DR PS)		HWR		
THUR	CR TUT. (DR PS)	JOURNAL CLUB (DR NAS)			PE (DR SP)		PROJECT WORK		
FRI	CLERKSHIP (DR NB/MS MAS)						HWR		
SAT	PE (DR SP)	CR (DR PS)	B R E A K	PE (DR SP)	CPKTD TUT. (DR JK)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

*[Signature]*  
 Dean of Academics

*[Signature]*  
 P. Padma  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TI ME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	PRA (MS SK)	PHARMACEUTICS PRACTICAL-1 (MS KS)							
TUE	MP (DR VC)	LIBRARY	BR EAK	MIRDDS SEMINAR (DR GK)	MP (DR VC) ASSIGNMENT	U	MPA (DR JS)	LIBRARY	PRA SEMINAR (MS SK)
WED	MPA LAB (DR JS)					N	MP (DR VC)	PRA (MS SK)	MIRDDS (DR GK)
THU	PRA (MS SK)	MIRDDS (DR GK)	BR EAK	MPA (DR JS)	MPA (DR JS)	L	MIRDDS (DR GK)	LIBRARY	PRA (MS SK) ASSIGNMENT
FRI	MP (DR VC)	LIBRARY	BRE AK	LIBRARY	MIRDDS (DR GK)	C	MP (DR VC)	PRA (MS SK)	MIRDDS (DR GK)
SAT	MP (DR VC)	LIBRARY	BRE AK	MPA SEMINAR (DR JS)	MPA (DR JS)	H	REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2022-2023) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B	11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	CMP (MS BK)	PHARMACOLOGY PRACTICAL-I (DR NS)							
TUE	AP-I (DR NS)	LIBRARY	BR EA K	PTSM I (MS BK)	CMP SEMINAR (MS GS)	L U N C H II	MPA (DR JS)	LIBRARY	PTSM-I SEMINAR (MS BK)
WED	MPA LAB (DR JS)						AP-I (DR NS)	LIBRARY	AP-I (DR NS)
THU	AP-I (DR NS)	MPA (DR JS)	B R E A K	CMP (MS GS)	MPA (DR JS)		PTSM-I (MS BK)	LIBRARY	PTSM-I (MS BK)
FRI	CMP (MS GS)	CMP (MS GS)		LIBRARY	PTSM-I (MS BK)		PTSM-I (MS BK)	LIBRARY	AP-I (DR NS)
SAT	CMP (MS GS)	AP-I ASSIGNMENT (DR NS)		MPA SEMINAR (DR JS)	MPA (DR JS)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal






**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	Research work/Discussion	Research work/Discussion	Research work/Discussion	
TUE	RES. METHO. (DR PS)	Research work/Discussion		Research work/Discussion	RES. METHO. (DR PS)		Research work/Discussion	RES. METHO. (DR PS)	Research work/Discussion	
WED	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	
THUR	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		JOURNAL CLUB (MS SK)	Research work/Discussion	Research work/Discussion	
FRI	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		JOURNAL CLUB (DR GK)	Research work/Discussion	Research work/Discussion	
SAT	Research work/Discussion	Research work/Discussion		Research work/Discussion	RES. METHO. (DR PS)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING			

  
 Dean of Academics

  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2022-2023) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	JOURNAL CLUB (MS BK)	Research work/Discussion	Research work/Discussion
TUE	RES. METHO. (DR PS)	Research work/Discussion		Research work/Discussion	RES. METHO. (DR PS)		Research work/Discussion	RES. METHO. (DR PS)	Research work/Discussion
WED	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion
THUR	Research work/Discussion	Research work/Discussion		JOURNAL CLUB (DR NS)	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion
FRI	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion
SAT	Research work/Discussion	Research work/Discussion		Research work/Discussion	RES. METHO. (DR PS)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Science, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2022-2023/02

20/6/2023

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for Even semester B Pharm and M Pharm courses on 24/6/2023 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padula*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B	11-11.50	C		1.30-2.20	2.20-3.10	3.10-4PM
MON	PATHO (DR DM)	LIBRARY		PATHO (DR DM)	POC-I (Ms. CR)	L U N C H	HAP II BATCH I (MS RNL/MS MKN) POC I BATCH II (MS CR/MS SGP) BIOCHEM BATCH III (MS VP) CA LAB (MS UP/MS PSY)		
TUE	CA (MS UP)	HAP II (MS RNL)		LIBRARY	PATHO (DR DM)		CA (MS UP)	LIBRARY	EVS (Ms CK)
WED	POC-I (Ms. CR)	LIBRARY		HAP II TUT (MS RNL)	POC-I (Ms. CR)		BIOCHEM (Ms. VP)	LIBRARY	BIOCHEM (Ms. VP)
THUR	EVS (Ms CK)	POC-I (Ms. CR)		LIBRARY	BIOCHEM (Ms. VP)		HAP II BATCH II (MS RNL MS MKN) POC I BATCH III (MS CR/ MS SGP)) BIOCHEM BATCH I (MS VP) CA LAB (MS UP/MS PSY)		
FRI	HAP II (MS RNL)	LIBRARY		PATHO (DR DM)	HAP II (MS RNL)		HAP II BATCH III (MS RNL MS MKN) POC I BATCH I (MS CR/ MS SL) BIOCHEM BATCH II (MS VP) CA LAB (MS UP/MS PSY)		
SAT	CA (MS UP)	EVS (Ms CK)		LIBRARY	BIOCHEM TUT. (Ms. VP)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

Dean of Academics

P. Padma   
Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**IV SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	MC-I BATCH I (DR NL) PP-II BATCH II (MS SK) P' COLOGY I BATCH III (MS BK) P' COGNOSY BATCH IV (MS SB/MS PD)							P' COGNOSY (MS SB)	PP -II (MS SK)	P' COLOGY I (DR MK)
TUE	MC-I BATCH II (MS PP) PP-II BATCH III (MS TR/MS AV) P' COLOGY I BATCH IV (MS SA) P' COGNOSY BATCH I (MS SB/MS PD)							PP -II (MS SK)	LIBRARY	POC III TUT. (DR JS)
WED	MC-I BATCH III (MS PP) PP-II BATCH IV (MS TR/MS AV) P' COLOGY I BATCH I (MS SA) P' COGNOSY BATCH (MS SB/MS PD)							P' COGNOSY (MS SB)	LIBRARY	P' COLOGY I (DR MK)
THUR	MC-I (DR NL)	PP -II (MS SK)		POC III (DR JS)	MC-I (DR NL)			P' COLOGY I (DR MK)	POC III (DR JS)	P' COGNOSY (MS SB)
FRI	MC-I BATCH IV (MS SL) PP-II BATCH I (MS TR/MS AV) P' COLOGY I BATCH II (MS RNL) P' COGNOSY BATCH III (MS SB/MS PD)							MC-I (DR NL)	LIBRARY	MC-I TUT. (DR NL)
SAT	P' COLOGY I (DR MK)	PP -II TUT. (MS SK)		POC III (DR JS)	P' COGNOSY (MS SB)			REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal




Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**VI SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MC III (MS SHA)	BPK (DR VC)	B R E A K	P'COLOGY III (DR KR)	P' BIOTECH (MS MKN)	L U N C H	MC-III BATCH-I (MS SHA) P'COLOGY III BATCH-II (DR.KR) HDT BATCH-III (MS SMP)		
TUE	MC III (MS SHA)	HDT (MS TS)		PQA (MS KS)	BPK TUT. (DR VC)		MC-III BATCH-II (MS SHA) P'COLOGY III BATCH-III (DR.KR) HDT BATCH-IV (MS SB)		
WED	P'COLOGY III (DR KR)	PQA (MS KS)		LIBRARY	HDT (MS TS)		MC-III BATCH-III (MS SHA) P'COLOGY III BATCH-IV (DR DM) HDT BATCH-I (MS SB)		
THUR	P'COLOGY III (DR KR)	P' BIOTECH (MS MKN)		PQA (MS KS)	P' BIOTECH (MS MKN)		PQA TUT. (MS KS)	HDT (MS TS)	BPK TUT. (DR VC)
FRI	P'COLOGY III (DR KR)	HDT (MS TS)		LIBRARY	MC III (MS SHA)		MC-III BATCH-IV (DR NL) P'COLOGY III BATCH-I (DR DM) HDT BATCH-II (MS SD)		
SAT	BPK (DR VC)	P' BIOTECH (MS MKN)		LIBRARY	MC III TUT. (MS SHA)		REMEDIAL/ENRICHMENT PROGRAMS VAC/CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**VIII SEMESTER BACHELOR IN PHARMACY- B. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	SPP (MS UP)	P'COGNOSY** (MS CK)	B R E A K	P'CHEMISTRY** (DR JS)/	BIOSTAT & RM (MS DSK)	L U N C H	PROJECT WORK		BIOSTAT & RM TUT. (MS DSK)
TUE	P'CEUTICS** (MS PS)	P'COLOGY ** (DR KR)		LIBRARY	BIOSTAT & RM (MS DSK)		PROJECT WORK	P'CEUTICS** (MS PS)	
WED	P'COGNOSY** (MS CK)	BIOSTAT & RM (MS DSK)		LIBRARY	PH. PRAC. ** ((DR JK)/ P'CHEMISTRY TUT** (DR JS)		PROJECT WORK	PH. PRAC. ** (DR JK)	
THUR	P'COGNOSY** (MS CK)	LIBRARY		P'CEUTICS TUT. (MS PS) / P'COLOGY** (DR KR)	PH. PRAC. ** (DR JK)		PROJECT WORK	P'COLOGY** (DR KR)	
FRI	P'CEUTICS** (MS PS)	SPP (MS UP)		P'CHEMISTRY (DR JS)	PH. PRAC. TUT (DR JK)		PROJECT WORK	SPP TUT. (MS UP)	
SAT	P'CHEMISTRY** TUT. (DR JS)/ P'COLOGY** (DR KR)	LIBRARY		P'COGNOSY** (MS CK)	SPP (MS UP)		REMEDIAL/ENRICHMENT PROGRAMS VAC/CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 P. Padma  
 Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	ABPK (MS DSK)	PHARAMCEUTICS PRACTICAL-II (MS KS)							
TUE	CADD (DR V)	CADD ASSIGNMENT (DR V)	BR EA K	LIBRARY	MPNTD SEMINAR (DR GK)		ABPK (MS DSK)	CADD (DR V) SEMINAR	C&C ASSIGNMENT (MS SK)
WED	MOLECULAR PHARAMCEUTICS PRACTICAL (DR V)								C&C (MS SK)
THU	ABPK (MS DSK)	MPNTD (DR GK)	B R E A K	ABPK SEM. (MS DSK)	C&C (MS SK)	L U N C H	CADD (DR V)	MPNTD (DR GK)	C&C SEMINAR (MS SK)
FRI	CADD (DR V)	MPNTD (DR GK)		ABPK (MS DSK)	ABPK ASSIGNMENT (MS DSK)		C&C (MS SK)	LIBRARY	MPNTD (DR GK)
SAT	MPNTD ASSIGNMENT (DR GK)	LIBRARY		CADD (DR V)	C&C (MS SK)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
Dean of Academics

  
Principal

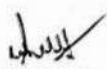


Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2022-2023) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	PHARMACOLOGY PRACTICAL-II (MS GS)								CRPV (DR MK)
TUE	CRPV (DR MK)	LIBRARY	BR EA K	PDD SEMINAR (MS GS)	PTSM-II (MS BK)		PTSM-II (MS BK)	AP-II (DR NS)	PDD (MS GS)
WED	CRPV (DR MK)	PHARMACOLOGY PRACTICAL-III (DR MK)							
THU	AP-II (DR NS)	PTSM-II (MS BK)	B R E A K	PDD (MS GS)	AP-II (DR NS)	L U N C H	AP-II (DR NS)	CRPV SEMINAR (DR MK)	PDD (MS GS)
FRI	CRPV (DR MK)	PTSM-II (MS BK)		LIBRARY	PDD (MS GS)		PTSM-II (MS BK)	LIBRARY	AP-II (DR NS)
SAT	PTSM-II (MS BK)	CRPV ASSIGN (DR MK)		AP-II (DR NS)	PDD (MS GS)		REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 Principal





**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**IV SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2022-2023) BATCH II - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	Research work/Discussion	Research work/Discussion	Research work/Discussion	
TUE	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
WED	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
THUR	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	JOURNAL CLUB (MS SK)	Research work/Discussion	Research work/Discussion
FRI	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	JOURNAL CLUB (DR GK)	Research work/Discussion	Research work/Discussion
SAT	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**IV SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2022-2023) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	JOURNAL CLUB (MS BK)	Research work/Discussion	Research work/Discussion	
TUE	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
WED	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	JOURNAL CLUB (DR NS)	Research work/Discussion	Research work/Discussion
THUR	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
FRI	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
SAT	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	REMEDIAL/ENRICHMENT PROGRAMS VAC/ CC/ EXPERIENTIAL LEARNING		

  
 Dean of Academics

  
 P. Padma  
 Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2021-2022/01

23/10/2021

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for odd semester B Pharm and M Pharm, Pharm D courses on 26/10/2021 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER BACHELOR IN PHARMACY- B. PHARM (2021-2022) BATCH-II-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	REM. BIO (TS)	HAP BATCH I (MS SA) P' ANALYSIS BATCH II (MS SP) P'CEUTICS BATCH III (MS UP) PIC BATCH IV (AC)					P' ANALYSIS (MS SP)	Com. Skill	Com. Skill
TUE	P'CEUTICS I (MS UP)	HAP BATCH II (MS SA) P' ANALYSIS BATCH III (MS SP) P'CEUTICS BATCH IV (MS UP) PIC BATCH I (AC)					REM. BIO/LIBRARY (TS)	REM. MATHS/ LIBRARY	PIC TUT. (AC)
WED	PIC (AC)	HAP BATCH III (MS SA) P' ANALYSIS BATCH IV (MS SP) P'CEUTICS BATCH I (MS UP) PIC BATCH II (AC)					P' CEUTICS I TUT. (MS UP)	REM. MATHS/ LIBRARY	P'CEUTICS I (MS UP)
THUR	P' ANALYSIS (MS SP)	HAP BATCH IV (MS SA) P' ANALYSIS BATCH I (MS SP) P'CEUTICS BATCH II (MS UP) PIC BATCH III (AC)					HAP I (MS SA)	LIBRARY	P' CEUTICS I (MS UP)
FRI	HAP I (MS SA)	PIC (AC)	BR EA K	LIBRARY	P' ANALYSIS (MS SP)		P' ANALYSIS TUT. (MS SP)	REMEDIAL BIOLOGY LAB (TS)	
SAT	HAP I (MS SA)	LIBRARY	BR EA K	HAP I TUT. (MS SA)	PIC (AC)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

Dr J- Dr Jyoti

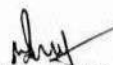
SA- Sravanti A

SP- Seena Patel

UP- Uma Prabha

AC- Akshay C

TS- T Sravani

  
 Dean of Academics

  
 Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

[Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
Approved by Pharmacy Council of India, New Delhi]

Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER BACHELOR IN PHARMACY- II. PHARM (2021-2022) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	POC II (DR NL)	LIBRARY	BREAK	LIBRARY	PP -I (MS SK)		P'MICRO. (SKC)	LIBRARY	PP -I TUT. (MS SK)
TUE	POC II BATCH I (DR NL) PP -I BATCH II (MS SK) P'MICRO. BATCH III (MS SK) P' ENGINEERING BATCH IV (MS KS)						P'MICRO. (SKC)	LIBRARY	P' ENG. TUT (MS KS)
WED	POC II BATCH II (DR NL) PP -I BATCH III (MS SK) P'MICRO. BATCH IV (MS SK) P' ENGINEERING BATCH I (MS KS)						P'MICRO. (SKC)	LIBRARY	POC II TUT. (DR NL)
THUR	POC II (DR NL)	P' ENG. TUT. (MS KS)	BREAK	LIBRARY	PP -I (MS SK)		P'MICRO. TUT. (SKC)	LIBRARY	P' ENG. (MS KS)
FRI	POC II BATCH III (DR NL) PP -I BATCH IV (MS SK) P'MICRO. BATCH I (MS SK) P' ENGINEERING BATCH II (MS KS)						P'MICRO. (SKC)	POC II (DR NL)	P' ENG. (MS KS)
SAT	POC II BATCH IV (DR NL) BPP -I BATCH I (MS SK) P'MICRO. BATCH II (MS SK) P' ENGINEERING BATCH III (MS KS)						Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SK- Surinder Kaur

DR NL- Dr G Nagalakshmi

SKC- Sweeka K C

KS- Kanchan Singh

Dean of Academics

Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**V SEMESTER BACHELOR IN PHARMACY- B. PHARM (2021-2022) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MC-II (MS SP)	PROJECT WORK	B R E A K	PROJECT WORK	IP I (DSK)	L U N C H	IP-I BATCH I (MS DSK) P'COLOGY BATCH II (MKN) P'COGNOSY BATCH III (MS TS)		
TUE	MC-II (MS SP)	LIBRARY		IP I TUT. (DSK)	P'COGNOSY (MS TS)		MC-II TUT. (MS SP)	LIBRARY	P' JURIS (MS UP)
WED	IP I (DSK)	P'COGNOSY (MS TS)		LIBRARY	P'COLOGY II (DR KR)		IP-I BATCH II (MS DSK) P'COLOGY BATCH III (DR KR) P'COGNOSY BATCH I (MS TS)		
THUR	P'COLOGY II (DR KR)	LIBRARY		LIBRARY	P'COLOGY II (DR KR)		IP-I BATCH III (MS DSK) P'COLOGY BATCH I (MKN) P'COGNOSY BATCH II (MS TS)		
FRJ	P'COGNOSY TUT. (MS TS)	LIBRARY		MC-II (MS SP)	P' JURIS (MS UP)		IP I (DSK)	LIBRARY	P' JURIS TUT. (MS UP)
SAT	P'COLOGY II TUT. (DR KR)	LIBRARY		P' JURIS (MS UP)	P'COGNOSY (MS TS)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SP-Seena Patel

DSK- Divya S Kumar

DR KR- Dr Karthik Reddy

UP-Uma Prabha

TS -T Sravani

*(Signature)*  
Dean of Academics

*(Signature)*  
Principal





**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**VII SEMESTER BACHELOR IN PHARMACY- B. PHARM (2021-2022) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	IP II (MS KS)	Ph. Prac. (MS MSA)	B R E A K	IP II (MS KS)	NDDS (MS KCK)	L U N C H	Practice School P'CHEMISTRY ( B-1) (1-14) (Dr JS) Practice School P'PRACTICE( B-3) (30-43) (DR PS) Practice School P'COLOGY ( B-4) (44-57) ( DR KR) Practice School P'COGNOSY ( B-5) (58-71) (DR PP)		
TUE	IMA (DR JS)	LIBRARY		IMA (DR JS)	NDDS TUT. (MS KCK)		Regular IMA BATCH I (1-14,44-52) (DR JS) Practice School P'CEUTICS (B-2) (15-29) (DR VC) Practice School P'PRACTICE( B-3) (30-43) (DR JB)		
WED	Ph. Prac. (MS MSA)	LIBRARY		LIBRARY	NDDS (MS KCK)		Practice School P'PRACTICE( B-3) (30-43)(MS MSA) Practice School P'CHEMISTRY ( B-1) (1-14) (Mr AC)		
THUR	IP II (MS KS)	NDDS (MS KCK)		Ph. Prac. (MS MSA)	IP II (MS KS)		Regular IMA BATCH III ( 30-34,53-71)( DR JS) Practice School P'CEUTICS (B-2) (15-29) (DR VC) Practice School P'CHEMISTRY ( B-1) (1-14) (MR AC)		
FRI	Ph. Prac. (MS MSA)	LIBRARY		LIBRARY	IMA (DR JS)		Regular IMA BATCH II ( 15-29,35-43)(DR JS) Practice School P'COLOGY ( B-4) (44-57) ( DR KR) Practice School P'COGNOSY ( B-5) (58-71) (DR PP)		
SAT	IMA (DR JS)	Practice School P'CEUTICS (B-2) (15-29) (DR VC) Practice School P'COLOGY (B-4) (44-57) (DR KR) Practice School P'COGNOSY (B-5) (57-71) (DR PP)			Remedial/Enrichment Programmes Add-on course/ Experimental Learning				

DR PP- Dr Padamaa M Paarakh

MS KCK- Ms Keerthana C K

DR JS- Dr Jyoti Shrivastava

MSA- Merin Susan Abraham

KS-Kanchan Singh

DR KR- Dr Karthik Reddy

Dr VC-Dr Vikram Chowdhary

AC-Mr Akshay C

DR PS-Dr Parthasarathy

DR JB- Dr Juveria Banu

Dean of Academics

P. Padma  
Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY- PHARM D (2021-2022) BATCH--TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	MBC (MR AC)	PIC LAB BATCH-I (DR NL) HAP LAB BATCH- II (MS MKN)						PIC (DR NL)	LIBRARY	POC TUT. (MS SP)
TUE	MBC (MR AC)	HAP TUT. (MS MKN)	BRE AK	LIBRARY	HAP (MS MKN)		HAP LAB BATCH- I (MS MKN) P'CEUTICS LAB BATCH-II (DR GK)			
WED	POC (MS SP)	P'CEUTICS (DR GK)	BRE AK	LIBRARY	P'CEUTICS TUT. (DR GK)		PIC (DR NL)	LIBRARY	HAP (MS MKN)	
THUR	HAP (MS MKN)	P'CEUTICS LAB BATCH-I (DR GK) PIC LAB BATCH-II (DR NL)						POC (MS SP)	LIBRARY	PIC TUT. (DR NL)
FRI	POC (MS SP)	LIBRARY	BRE AK	MBC TUT. (MR AC)	MBC (MR AC)		MBC LAB BATCH I (MR AC) POC LAB BATCH II (MS SP)			
SAT	POC LAB BATCH I (MS SP) MBC LAB BATCH II (MR AC)				P'CEUTICS (DR GK)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR GK- Dr Gururaj Kulkarni

SP- Seena Patel

DR NL- Dr G Nagalakshmi

AC- Akshay C

MKN- Meghana K N

  
Dean of Academics

  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR DOCTOR IN PHARMACY-PHARM D (2021-2022) BATCH --TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PCTH I BATCH I (DR SP)				CP (DR SP)		PCTH-I TUT. (DR SP)	HWR (DR SP)		
TUE	P'COGNOSY (MS TS)	LIBRARY	BRE AK	LIBRARY	PATHO. (DR NS)		P' MICRO. LAB (MS NL)			
WED	CP (DR SP)	P'COLOGY (MS MKN)	BRE AK	P'COGNOSY (MS TS)	PCTH-I (DR SP)		PCTH-I (DR SP)	P'MICRO. TUT. (MS RNL)	CP TUT. (DR SP)	
THUR	P'COGNOSY LAB (MS TS)				P'MICRO. (MS RNL)		PATHO. (DR NS)	LIBRARY	PATHO. TUT (DR NS)	
FRI	P'COLOGY (MS MKN)	LIBRARY	BRE AK	P'COGNOSY (MS TS)	P'MICRO. (MS RNL)		PCTH-I (DR SP)	PATHO. (DR NS)	P'COLOGY TUT. (MS MKN)	
SAT	P'COLOGY (MS MKN)	P'COGNOSY TUT. (MS TS)	BRE AK	LIBRARY	P'MICRO. (MS RNL)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

MKN- Meghana KN

DR NS – Dr Noopur Srivastava

RNL- R Nagalakshmi

TS -Sravani T

DR SP- Dr Sripriya

  
 Dean of Academics

  
 Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**THIRD YEAR DOCTOR IN PHARMACY-PHARM D (2021-2022) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P'ANALYSIS LAB (MS PP)				MC (MS PP)		MC (MS PP)	P' FORML (KCK)	P'ANALYSIS (NF3)
TUE	P' FORML (KCK)	P'ANALYSIS (MS PP)	BRE AK	PCTH II (Dr JB)	P'COLOGY (Dr KR)		P'COLOGY LAB (Dr KR)		
WED	P'ANALYSIS (MS PP)	P'COLOGY (Dr KR)	BRE AK	P'COLOGY (Dr KR)	P' JURIS (MS DSK)		P' FORMULATION LAB (KCK)		
THUR	PCTH II LAB (Dr JB)				PCTH II (Dr JB)		PCTH II TUT. (Dr JB)	HWR	
FRI	P' FORML (KCK)	P'ANALYSIS (MS PP)	BRE AK	MC (MS PP)	P'COLOGY (Dr KR)		PCTH II (Dr JB)	MC (MS PP)	P' JURIS TUT. (MS DSK)
SAT	MC LAB (MS PP)				P' JURIS (MS DSK)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

KCK-Keerthana C K

MS PP- Pradeepa Prasad

Dr KR- Dr Karthik Reddy

DR JB- Dr Juveria Banu

DSK- Divya S Kumar

Dean of Academics

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR DOCTOR IN PHARMACY PHARM D (2021-2022) BATCH --TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CT (MS SA)	BPK (DR VC)	BRE AK	HP (DR PS)	PCTH III (MS MSA)		PCTH III (MS MSA)	BPK (DR VC)	BPK TUT. (DR VC)
TUE	PCTH III LAB (MS MSA)				PCTH III TUT. (MS MSA)		PCTH I & II TUT. (MS MSA)		
WED	CP LAB (DR JB)				CP TUT. (DR JB)		HP TUT. (DR PS)	HP LAB (DR PS)	
THUR	HP (DR PS)	BPK LAB (DR VC)					PCTH III (MS MSA)	Library	CT (MS SA)
FRI	BIOSTAT (MS DSK)	Library	BRE AK	Library	CP (DR JB)		BPK (DR VC)	CT TUT. (MS SA)	CP (DR JB)
SAT	BIOSTAT (MS DSK)	BIOSTAT TUT. (MS DSK)	BRE AK	CP (DR JB)	Library		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Bann

DSK- Divya S Kumar

MSA- Merin Susan Abraham

SA- Sravanthi A

DR PS-Dr Parthasarathy

DR VC- Dr Vikram

  
 Dean of Academics

  
 Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY PHARM D (POST BACCALAUREATE) (2021-2022) BATCH --TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CT (MS SA)	BPK (DR VC)	BRE AK	HP (DR PS)	PCTH III (MS MSA)		PCTH III (MS MSA)	BPK (DR VC)	BPK TUT. (DR VC)
TUE	PCTH III LAB (MS MSA)				PCTH III TUT. (MS MSA)		PCTH I & II TUT. (DR SP)	PCTH I & II LAB (DR SP)	
WED	CP LAB (DR JB)				CP TUT. (DR JB)		HP TUT. (DR PS)	HP LAB (DR PS)	
THUR	HP (DR PS)	BPK LAB (DR VC)					PCTH III (MS MSA)	HCP (DR PS)	CT (MS SA)
FRI	BIOSTAT (MS DSK)	PCTH I & II (DR SP)	BRE AK	PCTH I & II (DR SP)	CP (DR JB)		CP (DR JB)	CT TUT. (MS SA)	BPK (DR VC)
SAT	BIOSTAT (MS DSK)	BIOSTAT TUT. (MS DSK)	BRE AK	CP (DR JB)	PCTH I & II (DR SP)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Banu

DSK- Divya S Kumar

MSA- Merin Susan Abraham

SA- Sravanthi A

DR PS-Dr Parthasarathy

DR VC- Dr Vikram

DR SP- Dr Sripriya

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**FIFTH YEAR DOCTOR IN PHARMACY-PHARM D (2021-2022) BATCH TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	CR (DR PS)	PROJECT WORK		PROJECT WORK	CPKTD M (DR JB)			LIBRARY	DRUG OF THE WEEK	DRUG OF THE WEEK
TUE	PE TUT. (DR SP)	HWR (DR SP)						HWR (DR SP)		
WED	HWR (DR SP)				CR (DR PS)			CPKTD M TUT. (DR JB)	HWR	
THUR	PE (DR SP)	JOURNAL CLUB (DR SP)			CR TUT. (DR PS)			PROJECT WORK		
FRI	CLERKSHIP (DR PS)							HWR		
SAT	PE (DR SP)	CPKTD M (DR JB)	BR EA K	PE (DR SP)	CR (DR PS)			Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Banu

MSA- Merin Susan Abraham

DR PS-Dr Parthasarathy

DR SP- Dr Sripriya

  
 Dean of Academics

  
 P. Padma  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

SECOND YEAR PHARM D POST BACCALAUREATE (2021-2022) BATCH TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	CR (DR PS)	PROJECT WORK		PROJECT WORK	CPKTD (DR JB)		LIBRARY	DRUG OF THE WEEK	DRUG OF THE WEEK
TUE	PE TUT. (DR DR)	HWR (DR DR)					HWR (DR DR)		
WED	HWR				CR (DR PS)		CPKTD (DR JB)	HWR	
THUR	PE (DR DR)	JOURNAL CLUB (DR DR)			CR TUT. (DR PS)		PROJECT WORK		
FRI	CLERKSHIP (DR PS)						HWR		
SAT	PE (DR DR)	CPKTD (DR JB)	B R E A K	PE (DR DR)	CR (DR PS)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Banu

MSA- Merin Susan Abraham

DR PS-Dr Parthasarathy

DR SP- Dr Sripriy

Dean of Academics

P. Padma  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

I SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2021-2022) BATCH -TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	PRA (MS SK)	PHARAMCEUTICS PRACTICAL-I (DR GK)							
TUE	MP (DR VC)	MRDDS (DR GK)	BR EA K	MRDDS SEMINAR (DR GK)	MP (DR VC) ASSIGNMENT	L U N C H	LIBRARY	LIBRARY	PRA (MS SK)
WED	MPA LAB (DR JS)						MP (DR VC)	PRA (MS SK)	MRDDS (DR GK)
THU	PRA (MS SK)	LIBRARY	R	MPA (DR JS)	MPA (DR JS)		MRDDS (DR GK)	LIBRARY	PRA (MS SK) ASSIGNMENT
FRI	MPA (DR JS)	MP (DR VC)	BR EA K	MP SEMINAR (DR VC)	MRDDS (DR GK)		PRA SEMINAR (MS SK)	LIBRARY	MP (DR VC)
SAT	MRDDS (DR GK)	LIBRARY	BR EA K	MPA SEMINAR (DR JS)	MPA (DR JS)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR GK- Dr Gururaj Kulkarni

DR JS- Dr Jyoti Shrivastava

SK- Surinder Kaur

DR VC- Dr Vikram

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2021-2022) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	PHARMACOLOGY PRACTICAL-I (DR NS)								CMP (DR AR)	
TUE	AP-I (DR NS)	LIBRARY	BR EA K	PTSM I (DR AR)	CMP SEMINAR (DR AR)	L U N C H	AP-I (DR NS)	LIBRARY	PTSM-I SEMINAR (DR AR)	
WED	MPA LAB (DR JS)						CMP (DR AR)	AP-I (DR NS)	PTSM I ASSIGNMENT (DR AR)	
THU	AP-I (DR NS)	LIBRARY		MPA (DR JS)	MPA (DR JS)		PTSM-I (DR AR)	LIBRARY	LIBRARY	PTSM-I (DR AR)
FRI	MPA (DR JS)	CMP (DR AR)		LIBRARY	PTSM-I (DR AR)		CMP (DR AR)	LIBRARY	LIBRARY	AP-I (DR NS)
SAT	CMP (DR AR)	AP-I ASSIGNMENT (DR NS)		MPA SEMINAR (DR JS)	MPA (DR JS)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR NS -Dr Noopur Shrivastava

DR AR- Dr Anjali Raj

DR JS- Dr Jyoti Shrivastava

  
 Dean of Academics

  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2021-2022/02

15/4/2021

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for Even semester B Pharm and M Pharm courses on 19/4/2021 at 12:30 P:M in the Smart Room. The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**  
The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER BACHELOR IN PHARMACY- B. PHARM (2021-2022) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	POC-I (MS SD)	HAP BATCH I (MS SA) C. APP BATCH II (MS UP) POC I BATCH III (MS SD) BIOCHEM BATCH IV (MS VP)				L U N C H	HAP II (MS SA)	LIBRARY	HAP II TUT. (MS SA)
TUE	CA (MS UP)	HAP BATCH II (MS SA) C. APP BATCH III (MS UP) POC I BATCH IV (MS SD) BIOCHEM BATCH I (MS VP)					POC-I (MS SD)	LIBRARY	BIOCHEM (MS VP)
WED	PATHO (MS RNL)	HAP BATCH III (MS SA) C. APP BATCH IV (MS UP) POC I BATCH I (MS SD) BIOCHEM BATCH II (MS VP)					BIOCHEM (MS VP)	EVS (MS SA)	PATHO (MS RNL)
THUR	POC-I (MS SD)	HAP BATCH IV (MS SA) C. APP BATCH I (MS UP) POC I BATCH II (MS SD) BIOCHEM BATCH III (MS VP)					HAP II (MS SA)	BIOCHEM TUT. (MS VP)	EVS (MS SA)
FRI	BIOCHEM (MS VP)	PATHO TUT. (MS RNL)	BR EA K	LIBRARY	PATHO (MS RNL)		CA (MS UP)	LIBRARY	EVS (MS SA)
SAT	CA (MS UP)	LIBRARY	BR EA K	HAP II (MS SA)	POC-I TUT. (MS SD)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SA-Sravanthi A

SD- Saloni Desai

UP-Uma Prabha

VP- Vishnupriya

RNL- R Nagalakshmi

Dean of Academics

Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**IV SEMESTER BACHELOR IN PHARMACY - B. PHARM (2021-2022) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H II	1.30-2.20	2.20-3.10	3.10-4PM
MON	P <sup>c</sup> COGNOSY (MS PS)	LIBRARY	BREAK	POC III (DR JS)	PP-II (MS SK)		P <sup>c</sup> COLOGY I (MS MKN)	P <sup>c</sup> COLOGY I (MS MKN)	P <sup>c</sup> COGNOSY TUT. (MS PS)
TUE	MC-I BATCH I (DR NL) PP-II BATCH II (DR VC) P <sup>c</sup> COGNOSY BATCH III (MS PS) P <sup>c</sup> COLOGY I BATCH IV (DR KR)						MC-I (DR NL)	LIBRARY	PP-II TUT. (MS SK)
WED	MC-I BATCH II (DR NL) PP-II BATCH III (MS SK) P <sup>c</sup> COGNOSY BATCH IV (MS PS) P <sup>c</sup> COLOGY I BATCH I (MS MKN)						PP-II (MS SK)	POC III TUT. (DR JS)	MC-I (DR NL)
THUR	MC-I (DR NL)	PP-II (MS SK)	BREAK	LIBRARY	P <sup>c</sup> COGNOSY (MS PS)		MC-I TUT (DR NL)	POC III (DR JS)	P <sup>c</sup> COLOGY I (MS MKN)
FRI	MC-I BATCH III (DR NL) PP-II BATCH IV (MS UP) P <sup>c</sup> COGNOSY BATCH I (MS PS) P <sup>c</sup> COLOGY I BATCH II (MS MKN)						POC III (DR JS)	P <sup>c</sup> COLOGY I TUT. (MS MKN)	P <sup>c</sup> COGNOSY (MS PS)
SAT	MC-I BATCH IV (DR NL) PP-II BATCH I (MS SK) P <sup>c</sup> COGNOSY BATCH II (MS PS) P <sup>c</sup> COLOGY I BATCH III (MS MKN)						Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SK- Surinder Kaur      DR VC- Dr Vikram Chowdhary      UP- Uma Prabha      DR JS- Dr Jyoti Shrivastava      DR NL- Dr G Nagalakshmi

PS- Prathyusha Segu

MKN- Meghana K N

DR KR- Dr Karthik Reddy

Dean of Academics

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

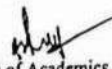
Approved by Pharmacy Council of India, New Delhi)


Accredited by NAAC and International Accreditation Organization (IAO)

**VI SEMESTER BACHELOR IN PHARMACY- B. PHARM (2021-2022) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	HDT (MS TS)	PQA (MS KCK)	B R E A K	P'COLOGY III (DR KR)	MC III (MS DV)	L U N C H	MC-III BATCH-I (MS DV) P'COLOGY III BATCH-II (DR.KR) HDT BATCH-III (MS TS)		
TUE	MC III (MS DV)	LIBRARY		LIBRARY	PQA Tut (MS KCK)		PQA (MS KCK)	LIBRARY	BPK Tut ( DR VC)
WED	P'COLOGY III (DR KR)	HDT (MS TS)		LIBRARY	PQA (MS KCK)		MC-III BATCH-II (MS DV) P'COLOGY III BATCH-III (DR.KR) HDT BATCH-I (MS TS)		
THUR	P' BIOTECH (MS SC)	LIBRARY		MC III (MS DV)	P'COLOGY III (DR KR)		LIBRARY	P'COLOGY III* TUT. (DR KR)	BPK (DR VC)
FRI	P' BIOTECH (MS SC)	BPK (DR VC)		HDT TUT. (MS TS)	P' BIOTECH * (MS SC)		MC-III BATCH-III (MS DV) P'COLOGY III BATCH-I (DR KR) HDT BATCH-II (MS TS)		
SAT	P' BIOTECH** TUT. (MS SC)	BPK (DR VC)		MC III TUT. (MS DV)	HDT** (MS TS)		Remedia/Enrichment Programmes Add-on course/ Experimental Learning		

DV- Durga Vasudevan MS KCK- Ms Keerthana CK DR KR- Dr Karthik Reddy Dr VC-Dr Vikram Chowdhary TS -T Sravani SA- Sravanthi A

  
 Dean of Academics

  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**VIII SEMESTER BACHELOR IN PHARMACY- B. PHARM (2021-2022) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	SPP (MS UP)	Lib P'Cology (MS KS/ DR KR)	B R E A K	Biostat & RM (MS DSK)	P'Cognosy (DR PP)	L U N C H	PROJECT WORK		P'Ceutics (MS KCK)	
TUE	LIBRARY	P'Chemistry (DR JS)		LIBRARY	Biostat & RM (MS DSK)		SPP (MS UP)	LIBRARY	P'Ceutics (MS KCK)	
WED	P'Cognosy (DR PP)	Biostat & RM (MS DSK)		P'Cology (DR KR)	Ph. Prac./ P'Chemistry (MS MSA/DR JS)		PROJECT WORK			
THUR	Biostat & RM (MS DSK)	P'Ceutics/P'Cology (MS KCK/ DR KR)		LIBRARY	Ph. Prac. (MS MSA)/ P'Chemistry (DR JS)		PROJECT WORK			
FRI	Ph. Prac. (MS MSA)	SPP (MS UP)		P'Cognosy (DR PP)	Ph. Prac./ P'Chemistry (MS MSA/DR JS)		PROJECT WORK			
SAT	P'Ceutics (MS KCK)	SPP (MS UP)		P'Cology (DR KR)	P'Cognosy (DR PP)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR PP- Dr Padma M Pazarakh

DR JS- Dr Jyoti Shrivastava


MSA- Merin Susan Abraham

KCK-Keerthana C K

DR KR- Dr Karthik Reddy

DSK-Divya S Kumar

UP-Uma Prabha

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)


**III SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2021-2022) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	Research work/Discussion	Research work/Discussion	Research work/Discussion	
TUE	RES. METHO. (DR PS)	Research work/Discussion		Research work/Discussion	RES. METHO. (DR PS)		Research work/Discussion	RES. METHO. (DR PS)	Research work/Discussion	
WED	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	
THUR	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	JOURNAL CLUB (MS SK)	Research work/Discussion	Research work/Discussion
FRI	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	JOURNAL CLUB (DR GK)
SAT	RES. METHO. (DR PS)	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR PS - Dr Parthasarathy

DR GK- Dr Gururaj Kulkarni

SK- Surinder Kaur

  
Dean of Academics

  
Principal




Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2021-2022) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	
TUE	RES. METHO. (DR PS)	Research work/Discussion		Research work/Discussion	RES. METHO. (DR PS)		Research work/Discussion	RES. METHO. (DR PS)	Research work/Discussion	
WED	Research work/Discussion	Research work/Discussion	B R E A K	JOURNAL CLUB (DR NS)	Research work/Discussion	L U N C H	Research work/Discussion	Research work/Discussion	Research work/Discussion	
THUR	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
FRI	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
SAT	RES. METHO. (DR PS)	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR PS – Dr Parthasarathy

DR NS- Dr Noopur Shrivastava

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

RefNo: TOCP/MOM/2020-2021/01

23/10/2020

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum Committee that a meeting is scheduled for discussing about academic timetable for odd semester B Pharm and M Pharm, Pharm D courses on 27/10/2020 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	REML BIO/MATHS (SC)	HAP BATCH I (MS SC) P' ANALYSIS BATCH II (MS SD) P'CEUTICS BATCH III (MS UP) PIC BATCH IV (MS VP)				L U N C H	P' ANALYSIS (MS SD)	PIC TUT. (MS VP)	REML BIO/MATHS (SC)
TUE	P'CEUTICS I (MS UP)	HAP BATCH II (MS SC) P' ANALYSIS BATCH III (MS SD) P'CEUTICS BATCH IV (MS UP) PIC BATCH I (MS VP)					P' ANALYSIS TUT. (MS SD)	Com. Skill	Com. Skill
WED	PIC (MS VP)	HAP BATCH III (MS SC) P' ANALYSIS BATCH IV (MS SD) P'CEUTICS BATCH I (MS UP) PIC BATCH II (MS VP)					P' ANALYSIS (MS SD)	LIBRARY	PIC (MS VP)
THUR	P' ANALYSIS (MS SD)	HAP BATCH IV (MS SC) P' ANALYSIS BATCH I (MS SD) P'CEUTICS BATCH II (MS UP) PIC BATCH III (MS VP)					HAP I (MS SC)	LIBRARY	P'CEUTICS I (MS UP)
FRI	PIC (MS VP)	LIBRARY	BR EA K	LIBRARY	HAP I (MS SC)		P'CEUTICS I TUT. (MS UP)	REMEDIAL BIOLOGY LAB (SC)	
SAT	P'CEUTICS I (MS UP)	HAP I (MS SC)		LIBRARY	HAP I TUT. (MS SC)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

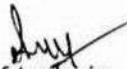
SC- Shirisha Chowdary

SD- Saloni Desai

UP- Uma Prabha

VP- Vishnupriya

SC- Sirisha Chowdhary

  
Dean of Academics

  
Principal

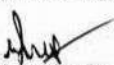


Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	POC II (DR NL)	P' ENG. TUT. (DR LN)		LIBRARY	PP -I (MS SK)			P' ENG. (DR LN)	LIBRARY	PP -I TUT. (MS SK)
TUE	POC II BATCH I (DR NL) PP -I BATCH II (DR VC) P'MICRO. BATCH III (DR KM) P' ENGINEERING BATCH IV (DR LN)							POC II (DR NL)	LIBRARY	PP -I (MS SK)
WED	POC II BATCH II (DR NL) PP -I BATCH III (MS SK) P'MICRO. BATCH IV (DR KM) P' ENGINEERING BATCH I (DR LN)							P'MICRO. (HSV)	LIBRARY	POC II TUT. (DR NL)
THUR	P' ENG. (DR LN)	PP -I (MS SK)	BREAK	LIBRARY	P'MICRO. (HSV)			POC II (DR NL)	LIBRARY	P'MICRO. TUT. (HSV)
FRI	POC II BATCH III (DR NL) PP -I BATCH IV (MS SK) P'MICRO. BATCH I (DR DM) P' ENGINEERING BATCH II (DR LN)							P'MICRO. (HSV)	LIBRARY	P' ENG. (DR LN)
SAT	POC II BATCH IV (DR NL) PP -I BATCH I (MS SK) P'MICRO. BATCH II (HSV) P' ENGINEERING BATCH III (DR LN)							Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SK- Surinder Kaur      DR VC- Dr Vikram Chowdhary      DR NL- Dr G Nagalakshmi      DR LN- Lavanya N      DR KM-Dr Kambhoja  
 HSV- Hyma Sara Varghese      DR DM- Dr Deepika M

  
 Dean of Academics

  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**V SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	P' JURIS (MS UP)	MC-II TUT. (MS DV)	B R E A K	LIBRARY	P' COGNOSY (MS TS )	L U N C H	IP-I BATCH I (MS DSK) P'COLOGY BATCH II (DR KR) P'COGNOSY BATCH III (MS TS) LIBRARY-BATCH IV			
TUE	MC-II (MS DV)	PROJECT WORK		PROJECT WORK	IP I TUT. (DSK)		IP I (DSK)	LIBRARY	P' JURIS TUT. (MS UP)	
WED	P'COLOGY II (DR KR)	P'COGNOSY (MS TS)		LIBRARY	P'COLOGY II (DR KR)		IP-I BATCH II (MS DSK) P'COLOGY BATCH III (DR KR) P'COGNOSY BATCH IV (MS TS) LIBRARY-BATCH I			
THUR	P' JURIS (MS UP)	IP I (DSK)		LIBRARY	IP I (DSK)		IP-I BATCH III (MS DSK) P'COLOGY BATCH IV (DR KR) P'COGNOSY BATCH I (MS TS) LIBRARY-BATCH II			
FRI	MC-II (MS DV)	P' JURIS (MS UP)		P' COGNOSY TUT. (MS TS )	P'COLOGY II (DR KR)		IP-I BATCH IV (MS DSK) P'COLOGY BATCH I (DR DM) P'COGNOSY BATCH II (MS TS) LIBRARY-BATCH III			
SAT	P'COGNOSY (MS TS )	LIBRARY		MC-II (MS DV)	P'COLOGY II TUT. (DR KR)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DV- Durga Vasudevan

DSK- Divya S Kumar

DR KR- Dr Karthik Reddy

UP-Uma Prabha

TS -T Sravani

DR DM-Dr Deepika M

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**VII SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	IP II (MS KS)	NDDS (MS KCK)	B R E A K	LIBRARY	IMA (DR JS)	L U N C H	Practice School P'CHEMISTRY ( B-1) (1-13) (MS DV) Practice School P'PRACTICE( B-3) (27-39) (DR PS) Practice School P'COLOGY ( B-4) (40-52) ( DR DM) Practice School P'COGNOSY ( B-5) (53-64) (DR PP)		
TUE	LIBRARY	IMA (DR JS)		IP II (MS KS)	NDDS TUT. (MS KCK)		Regular IMA BATCH I (1-13) (DR JS) Practice School P'CEUTICS (B-2) (14-26) (DR VC) Practice School P'PRACTICE( B-3) (27-39) (DR JB)		
WED	NDDS (MS KCK)	LIBRARY		IP II TUT. (MS KS)	Ph. Prac. (MS MSA)		Regular IMA BATCH IV ( 49-64) ( DR JS) Practice School P'PRACTICE( B-3) (27-39)(MS MSA) Practice School P'CHEMISTRY ( B-1) (1-13) (MS DV)		
THUR	IP II (MS KS)	LIBRARY		IMA TUT. (DR JS)	Ph. Prac. (MS MSA)		Regular IMA BATCH III ( 33-48)( DR JS) Practice School P'CEUTICS (B-2) (14-26) (DR VC) Practice School P'CHEMISTRY ( B-1) (1-13) (MS DV)		
FRI	Ph. Prac. (MS MSA)	NDDS (MS KCK)		LIBRARY	Ph. Prac. TUT. (MS MSA)		Regular IMA BATCH II ( 14 -32)( MS DV) Practice School P'COLOGY ( B-4) (40-52) ( DR KR) Practice School P'COGNOSY ( B-5) (53-64) (DR PP)		
SAT	IMA (DR JS)	Practice School P'CEUTICS (B-2) (14-26) (DR VC) Practice School P'COLOGY ( B-4) (40-52) (DR DM) Practice School P'COGNOSY ( B-5) (53-64) (DR PP)			Remedial/Enrichment Programmes Add-on course/ Experimental Learning				

MS KCK- Ms Keerthana C K  
 Dr VC-Dr Vikram Chowdhary  
 Banu

DR JS- Dr Jyoti Shrivastava  
 DV- Durga Vasudevan

MSA- Merin Susan Abraham  
 DR PS-Dr Parthasarathy

KS-Kanchan Singh DR KR- Dr Karthik Reddy  
 DR DM- Dr Deepika M DR JB- Dr Juveria

Dean of Academics

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY- PHARM D (2020-2021) BATCH--TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	1.30-2.20	2.20-3.10	3.10-4PM
MON	MBC (MS VP)	PIC LAB BATCH-I (DR NL)				PIC (DR NL)	LIBRARY	POC TUT. (MS SD)
TUE	MBC (MS VP)	HAP TUT. (DR DM)		LIBRARY	HAP (DR DM)	HAP LAB BATCH- I (DR DM)		
WED	POC (MS SD)	P'CEUTICS (DR GK)		LIBRARY	P'CEUTICS TUT. (DR GK)	PIC (DR NL)	LIBRARY	HAP (DR DM)
THUR	HAP (DR DM)	P'CEUTICS LAB BATCH-I (DR GK)				POC (MS SD)	LIBRARY	PIC TUT. (DR NL)
FRI	POC (MS SD)	LIBRARY		MBC TUT. (MS VP)	MBC (MS VP)	MBC LAB BATCH I (MS VP)		
SAT	POC LAB BATCH I (MS SD)				P'CEUTICS (DR GK)	Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

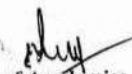
DR GK- Dr Gururaj Kulkarni

SD- Saloni Desai

DR NL- Dr G Nagalakshmi

VP- Vishnupriya

Dr DM- Deepika M

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

SECOND YEAR DOCTOR IN PHARMACY-PHARM D (2020-2021) BATCH --TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	P'COLOGY (MS MKN)	P'COGNOSY (MS TS)		P'MICRO. (MS RNL)	PATHO. TUT. (MS KCK)		PATHO. (MS KCK)	LIBRARY	P'MICRO. TUT. (MS RNL)	
TUE	PATHO. (MS KCK)	LIBRARY		LIBRARY	P'MICRO. (MS RNL)		P' MICRO. LAB (MS NL)			
WED	CP (DR DR)	PATHO. (MS KCK)		P'COGNOSY (MS TS)	PCTH-I (DR DR)		P'COLOGY (MS MKN)	LIBRARY	CP TUT. (DR DR)	
THUR	P'COGNOSY LAB (MS TS)				P'COLOGY TUT. (MS MKN)		P'COLOGY (MS MKN)	LIBRARY	PCTH-I (DR DR)	
FRI	PCTH I BATCH I (DR DR)				CP (DR DR)		PCTH-I TUT. (DR DR)	HWR		
SAT	PCTH-I (DR DR)	P'COGNOSY TUT. (MS TS)		P'COGNOSY (MS TS)	P'MICRO. (MS RNL)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

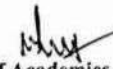
MKN- Meghana KN

KCK- Keerthana CK

Dr DR- Dr Divya Reddy

RNL- R Nagalakshmi

TS -Sravani T

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**THIRD YEAR DOCTOR IN PHARMACY-PHARM D (2020-2021) BATCH--TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P'ANALYSIS LAB (MS CR)				MC (CR)		P' FORM. (DR. VC)	MC TUT. (CR)	P'ANALYSIS (DR JS)
TUE	P'COLOGY (MS SA)	MC (CR)	BRE AK	PCTH II (Dr JB)	P'ANALYSIS TUT. (DR JS)		P'COLOGY LAB (MS SC)		
WED	P'COLOGY (MS SA)	MC (CR)		P' JURIS (MS DSK)	P' FORM. TUT. (DR. VC)		P' FORMULATION LAB (DR. VC)		
THUR	PCTH II LAB (Dr JB)				PCTH II (Dr JB)		PCTH II TUT. (Dr JB)	HWR	
FRI	P' JURIS (MS DSK)	P'ANALYSIS (DR JS)	BRE AK	P'COLOGY (MS SA)	P' JURIS TUT. (MS DSK)		P'COLOGY TUT. (MS SA)	P'ANALYSIS (DR JS)	P' FORM. (DR. VC)
SAT	MC LAB (CR)				PCTH II (Dr JB)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

Dr VC-Dr Vikram Chowdhary

DR JS- Dr Jyoti Shrivastava


CR- Chanda Ranjan

SA- Sravanthi A

DR JB- Dr Juveria Banu

DSK- Divya S Kumar

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR DOCTOR IN PHARMACY PHARM D (2020-2021) BATCH --TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	PCTH III LAB (MS MSA)				PCTH III TUT. (MS MSA)		HWR		
TUE	BIOSTAT (MS DSK)	PCTH III (MS MSA)	BRE AK	LIBRARY	PCTH III (MS MSA)		CT (DR KR)	LIBRARY	BIOSTAT TUT. (MS DSK)
WED	CP LAB (DR JB)				CP TUT. (DR JB)		HP TUT. (DR PS)	HP LAB (DR PS)	
THUR	HP (DR PS)	BPK LAB (MS KS)					PCTH III (MS MSA)	BPK (MS KS)	BPK TUT. (MS KS)
FRI	CT (DR KR)	HP (DR PS)	BRE AK	BPK (MS KS)	CP (DR JB)		CP (DR JB)	BPK (MS KS)	LIBRARY
SAT	BIOSTAT (MS DSK)	CT TUT. (DR KR)	BRE AK	CP (DR JB)	LIBRARY		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Bann


DSK- Divya S Kumar

MSA- Merin Susan Abraham

DR KR- Dr Karthik Reddy

DR PS-Dr Parthasarathy

KS-Kanchan Singh

  
Dean of Academics

  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY PHARM D (POST BACCALAUREATE) (2020-2021) BATCH --TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	BRE AK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	PCTH III LAB (MS MSA)				PCTH III TUT. (MS MSA)		PCTH I & II TUT. (DR DR)	PCTH I & II LAB (DR DR)	
TUE	BIOSTAT (MS DSK)	PCTH III (MS MSA)	BRE AK	PCTH I & II (DR DR)	PCTH III (MS MSA)		CT (DR KR)	PCTH I & II (DR DR)	BIOSTAT TUT. (MS DSK)
WED	CP LAB (DR JB)				CP TUT. (DR JB)		HP TUT. (DR PS)	HP LAB (DR PS)	
THUR	HP (DR PS)	BPK LAB (MS KS)					PCTH III (MS MSA)	BPK (MS KS)	BPK TUT. (MS KS)
FRI	CT (DR KR)	HP (DR PS)	BRE AK	BPK (MS KS)	CP (DR JB)		CP (DR JB)	BPK (MS KS)	HCP (DR PS)
SAT	BIOSTAT (MS DSK)	CT TUT. (DR KR)	BRE AK	CP (DR JB)	PCTH I & II (DR DR)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Banu

DSK- Divya S Kumar

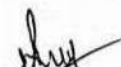
MSA- Merin Susan Abraham

DR KR- Dr Karthik Reddy

DR PS-Dr Parthasarathy

KS-Kanchan Singh

DR DR- Dr Divya Reddy

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIFTH YEAR DOCTOR IN PHARMACY-PHARM D (2020-2021) BATCH TIME TABLE**

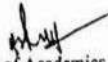
DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	PE TUT. (DR DR)	HWR (DR DR)				L	PROJECT WORK		
TUE	CLERKSHIP (DR PS)					U	HWR		
WED	PROJECT WORK					N	HWR		
THUR	PE (DR DR)	DRUG OF THE WEEK (MS MSA)			PE (DR DR)	C	JOURNAL CLUB (DR DR)		CR (DR PS)
FRI	CPKTD (DR JB)	PROJECT WORK	BR EA K	PROJECT WORK	CR (DR PS)	II	CR TUT. (DR PS)	LIBRARY	CPKTD TUT. (DR JB)
SAT	CPKTD (DR JB)	PE (DR DR)	BR EA K	CR (DR PS)	LIBRARY		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		


DR JB- Dr Juveria Banu

MSA- Merin Susan Abraham

DR PS-Dr Parthasarathy

DR DR- Dr Divya Reddy

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR PHARM D POST BACCALAUREATE (2020-2021) BATCH TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PE TUT. (DR DR)	HWR (MS MM)			PROJECT WORK					
TUE	CLERKSHIP (DR PS)						HWR			
WED	PROJECT WORK						HWR			
THUR	PE (DR DR)	DRUG OF THE WEEK (MS MSA)			PE (DR DR)		JOURNAL CLUB (DR DR)		CR (DR PS)	
FRI	CPKTD (DR JB)	PROJECT WORK	BR EA K	PROJECT WORK	CR (DR PS)		CR TUT. (DR PS)	LIBRARY	CPKTD TUT. (DR JB)	
SAT	CPKTD (DR JB)	PE (DR DR)	BR EA K	CR (DR PS)	LIBRARY		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR JB- Dr Juveria Banu

MSA- Merin Susan Abraham

DR PS-Dr Parthasarathy

DR DR- Dr Divya Reddy

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MPA (DR JS)	PHARMACEUTICS PRACTICAL-I (DR GK)							
TUE	PRA (MS SK)	MRDDS (DR GK)		MRDDS SEMINAR (DR GK)	PRA ASSIGNMENT (MS SK)	L U N C H	MP (DR LN)	LIBRARY	MP (DR LN)
WED	MPA LAB (DR JS)						MRDDS (DR GK)	MP ASSIGNMENT (DR LN)	PRA (MS SK)
THU	MPA (DR JS)	MPA (DR JS)	B	LIBRARY	MP (DR LN)		PRA (MS SK)	LIBRARY	MP SEMINAR (DR LN)
FRI	MRDDS (DR GK)	LIBRARY	R	LIBRARY	MRDDS ASSIGNMENT (DR GK)		MP (DR LN)	PRA SEMINAR (MS SK)	PRA (MS SK)
SAT	MRDDS (DR GK)	LIBRARY	E	MPA SEMINAR (DR JS)	MPA (DR JS)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		
			A						
			K						

DR GK- Dr Gururaj Kulkarni

DR JS- Dr Jyoti Shrivastava

SK- Surinder Kaur

DR LN-Dr Lavanya N

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

1<sup>ST</sup> SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2020-2021) BATCH - TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	MPA (DR JS)	PHARMACOLOGY PRACTICAL-I (DR AR)								
TUE	PTSM-I (DR AR)	LIBRARY		CMB SEMINAR (DR AR)	CMB (DR AR)	L U N I T	AP-I (MS HSV)	LIBRARY	PTSM-I SEMINAR (DR AR)	
WED	MPA LAB (DR JS)						CMB (DR AR)	AP-I (MS HSV)	CMB ASSIGNMENT (DR AR)	
THU	MPA (DR JS)	MPA (DR JS)	B R E A K	AP-I SEMINAR (MS HSV)	LIBRARY		PTSM-I (DR AR)	LIBRARY	PTSM-I ASSIGNMENT (DR AR)	
FRI	AP-I (MS HSV)	CMB (DR AR)		AP-I ASSIGNMENT (MS HSV)	PTSM-I (DR AR)		CMB (DR AR)	LIBRARY	AP-I (MS HSV)	
SAT	PTSM-I (DR AR)	LIBRARY		MPA - SEMINAR (DR JS)	MPA - (DR JS)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR AR- Dr Anjali Raj      DR JS- Dr Jyoti Shrivastava      HSV- Hyma Sara Varghese

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**I SEMESTER MASTER IN PHARMACY (PHARMACOGENOSY) - M. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TI ME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MPA (DR JS)	Phytochemistry (DR PP)		LIBRARY	Phytochemistry (DR PP)	L U	IPT (DR KM)	LIBRARY	AP I (DR KM)
TUE	PHARMACOGENOSY I PRACTICAL (DR PP)								IPT (DR KM)
WED	MPA LAB (DR JS)					N C H	AP I (DR KM)	LIBRARY	Phytochemistry (DR PP)
THU	MPA (DR JS)	MPA (DR JS)	B R E A K	Phytochemistry (DR PP)	AP I (DR KM)		Phytochemistry (DR PP)	LIBRARY	IPT (DR KM)
FRI	Phytochemistry (DR PP)	IPT (DR KM)		LIBRARY	AP I (DR KM)		IPT (DR KM)	LIBRARY	AP I (DR KM)
SAT	AP I (DR KM)	IPT (DR KM)		MPA (DR JS)	MPA (DR JS)	Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR PP- Dr Padmaa M Paarakh

DR JS- Dr Jyoti Shrivastava

DR KM- Dr Kambhoja

Dean of Academics

Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2020-2021) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	RES. METHO. (DR PS)	RESEARCH WORK/DISCUSSION	B R E A K	RESEARCH WORK/DISCUSSION	RES. METHO. (DR PS)	L U N C H	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	
TUE	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		JOURNAL CLUB (MS SK)	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	
WED	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		JOURNAL CLUB (DR LN)	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	
THUR	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RES. METHO. (DR PS)	RESEARCH WORK/DISCUSSION		RES. METHO. (DR PS)	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	
FRI	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	JOURNAL CLUB (DR GK)	
SAT	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR PS – Dr Parthasarathy

DR GK- Dr Gururaj Kulkarni

DR LN- Dr Lavanya N

SK- Surinder Kaur

Dean of Academics

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2020-2021) BA7CH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	RES. METHO. (DR PS)	RESEARCH WORK/DISCUSSION	B R E A K	RESEARCH WORK/DISCUSSION	RES. METHO. (DR PS)	L U N C H	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	
TUE	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION
WED	JOURNAL CLUB (DR AR)	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION
THUR	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RES. METHO. (DR PS)	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RES. METHO. (DR PS)	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION
FRI	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION
SAT	RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	RESEARCH WORK/DISCUSSION		RESEARCH WORK/DISCUSSION	Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

RefNo: TOCP/MOM/2020-2021/02

20/4/2020

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for Even semester B Pharm and M Pharm courses on 24/4/2020 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra, Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	POC-I (MS SD)	HAP BATCH I (MS SA) C. APP BATCH II (MS UP) POC I BATCH III (MS SD) BIOCHEM BATCH IV (MS VP)					HAP II (MS SA)	LIBRARY	HAP II TUT. (MS SA)
TUE	CA (MS UP)	HAP BATCH II (MS SA) C. APP BATCH III (MS UP) POC I BATCH IV (MS SD) BIOCHEM BATCH I (MS VP)					POC-I (MS SD)	LIBRARY	BIOCHEM (MS VP)
WED	PATHO (MS RNL)	HAP BATCH III (MS SA) C. APP BATCH IV (MS UP) POC I BATCH I (MS SD) BIOCHEM BATCH II (MS VP)					BIOCHEM (MS VP)	EVS (MS SA)	PATHO (MS RNL)
THUR	POC-I (MS SD)	HAP BATCH IV (MS SA) C. APP BATCH I (MS UP) POC I BATCH II (MS SD) BIOCHEM BATCH III (MS VP)					HAP II (MS SA)	BIOCHEM TUT. (MS VP)	EVS (MS SA)
FRI	BIOCHEM (MS VP)	PATHO TUT. (MS RNL)	BR EA K	LIBRARY	PATHO (MS RNL)		CA (MS UP)	LIBRARY	EVS (MS SA)
SAT	CA (MS UP)	LIBRARY	BR EA K	HAP II (MS SA)	POC-I TUT. (MS SD)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SA-Sravanthi A

SD- Saloni Desai

UP-Uma Prabha

VP- Vishnupriya

RNL- R Nagalakshmi

Dean of Academics

Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**IV SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	P'COGNOSY (DR KM)	LIBRARY		POC III (DR JS)	PP -II (MS SK)			P'COLOGY I (DR DM)	P'COLOGY I (DR DM)	P'COGNOSY TUT. (DR KM)
TUE	MC-I BATCH I (DR NL) PP-II BATCH II (DR VC) P'COGNOSY BATCH III (DR KM) P'COLOGY I BATCH IV (DR KR)							MC-I (DR NL)	LIBRARY	PP-II TUT. (MS SK)
WED	MC-I BATCH II (DR NL) PP-II BATCH III (MS SK) P'COGNOSY BATCH IV (DR KM) P'COLOGY I BATCH I (DR DM)							PP -II (MS SK)	POC III TUT. (DR JS)	MC-I (DR NL)
THUR	MC-I (DR NL)	P'COGNOSY (DR KM)	BREAK	LIBRARY	PP -II (MS SK)			MC-I TUT. (DR NL)	POC III (DR JS)	P'COLOGY I (DR DM)
FRI	MC-I BATCH III (DR NL) PP-II BATCH IV (MS UP) P'COGNOSY BATCH I (DR KM) P'COLOGY I BATCH II (DR DM)							P'COGNOSY (DR KM)	P'COLOGY I TUT. (DR DM)	POC III (DR JS)
SAT	MC-I BATCH IV (DR NL) PP-II BATCH I (MS SK) P'COGNOSY BATCH II (DR KM) P'COLOGY I BATCH III (DR DM)							Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

SK- Surinder Kaur      DR VC- Dr Vikram Chowdhary      UP- Uma Prabha      DR JSU- Dr Jyoti Shrivastava      DR NL- Dr G Nagalakshmi

DR KM- Dr Kambhoja      DR DM- Deepika M      DR KR- Dr Karthik Reddy

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**VI SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.30		1.30-2.20	2.20-3.10	3.10-4PM	
MON	HDT (MS TS)	PQA (MS KCK)	B R E A K	P'COLOGY III (DR KR)	MC III (MS DV)	L U N C H	MC-III BATCH-I (MS DV) P'COLOGY III BATCH-II (DR.KR) HDT BATCH-III (MS TS) LIBRARY BATCH IV			
TUE	MC III (MS DV)	LIBRARY		LIBRARY	PQA TUT. (MS KCK)		PQA (MS KCK)	LIBRARY	BPK TUT. (DR VC)	
WED	P'COLOGY III (DR KR)	HDT (MS TS)		P'COLOGY III TUT. (DR KR)	PQA (MS KCK)		MC-III BATCH-II (MS DV) P'COLOGY III BATCH-III (DR.KR) HDT BATCH-IV (MS TS) LIBRARY BATCH I			
THUR	P' BIOTECH (MS SC)	BPK (DR VC)		MC III (MS DV)	P'COLOGY III (DR KR)		MC-III BATCH-III (MS DV) P'COLOGY III BATCH-IV (DR.KR) HDT BATCH-I (MS TS) LIBRARY BATCH II			
FRI	P' BIOTECH (MS SC)	BPK (DR VC)		HDT TUT. (MS TS)	P' BIOTECH (MS SC)		MC-III BATCH-IV (MS DV) P'COLOGY III BATCH-I (DR KR) HDT BATCH-II (MS TS) LIBRARY BATCH III			
SAT	HDT (MS TS)	BPK (DR VC)		MC III TUT. (MS DV)	P' BIOTECH TUT. (MS SC)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DV- Durga Vasudevan

MS KCK- Ms Keerthana CK  
Sravani

DR KR- Dr Karthik Reddy  
RNL-R Nagalakshmi

Dr VC-Dr Vikram Chowdhary  
TS -T  
SC- Shirisha Chowdary

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

VIII SEMESTER BACHELOR IN PHARMACY- B. PHARM (2020-2021) BATCH -TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	P'Cognosy (DR KM)	P'Ceutics/P'Cology (MS KS/ DR KR)	B R E A K	Biostat & RM (DSK)	SPP (DR LN)	L U N C H	PROJECT WORK		
TUE	LIBRARY	P'Chemistry (DR JS)		SPP (DR LN)	Biostat & RM (DSK)		PROJECT WORK		
WED	P'Cognosy (DR KM)	Biostat & RM (DSK)		P'Ceutics/P'Cology (MS KS/ DR KR)	Ph. Prac./ P'Chemistry (MS MSA/DR JS)		PROJECT WORK		
THUR	Biostat & RM (DSK)	P'Cology (DR KR)		P'Chemistry (DR JS)	Ph. Prac. (MS MSA)		PROJECT WORK		
FRI	Ph. Prac. (MS MSA)	SPP (DR LN)		P'Cognosy (DR KM)	Ph. Prac./ P'Chemistry (MS MSA/DR JS)		PROJECT WORK		
SAT	SPP (DR LN)	P'Ceutics (MS KS)		P'Ceutics/P'Cology (MS KS/ DR KR)	P'Cognosy (DR KM)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR KM- Dr Kambhoja

DR JS- Dr Jyoti Shrivastava

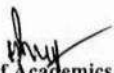
MSA- Merin Susan Abraham

KS-Kanchan Singh

DR KR- Dr Karthik Reddy

DSK-Divya S Kumar

DR LN- Dr Lavanya N

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER MASTER IN PHARMACY (PHARMACEUTICS) - M. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/ TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	ABPK (MS DSK)	C&C (MS SK)		LIBRARY	CADD (DR LN)		MPNTD (DR GK)	C&C SEMINAR (MS SK)	MPNTD (DR GK)
TUE	MPNTD (DR GK)	CADD (DR LN)	ABPK (MS DSK)	C&C (MS SK)	C&C ASSIGNMENT (MS SK)	LIBRARY	CADD (DR LN)		
WED	ABPK (MS DSK)	ABPK ASSIGNMENT (MS DSK)	LIBRARY	CADD (DR LN)	MPNTD ASSIGNMENT (DR GK)	CADD SEMINAR (DR LN)	C&C (MS SK)		
THU	NANOTECHNOLOGY PRACTICALS (DR LN)							ABPK (MS DSK)	
FRI	PHARAMCEUTICS PRACTICAL-II (DR GK)							C&C (MS SK)	
SAT	MPNTD (DR GK)	MPNTD SEMINAR (DR GK)	ABPK SEMINAR (MS DSK)	CADD ASSIGNMENT (DR LN)	Remedial/Enrichment Programmes Add-on course/ Experimental Learning				

DR GK- Dr Gururaj Kulkarni

DR LN- Dr Lavanya N

DSK- Divya S Kumar

SK- Surinder Kaur

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER MASTER IN PHARMACY (PHARMACOLOGY) - M. PHARM (2020-2021) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	PDD (DR AR)	LIBRARY	B R E A K	AP-II (MS HSV)	PTSM-II SEMINAR (DR AR)	L U N C H	AP-II ASSIGNMENT (MS HSV)	CRPV (MS HSV)	PTSM-II (DR AR)
TUE	PTSM-II (DR AR)	LIBRARY		PDD (DR AR)	PTSM-II ASSIGNMENT (DR AR)		CRPV (MS HSV)	PDD (DR AR)	CRPV SEMINAR (MS HSV)
WED	AP-II (MS HSV)	LIBRARY		AP-II (MS HSV)	PDD SEMINAR (DR AR)		CRPV (MS HSV)	PDD (DR AR)	CRPV ASSIGNMENT (MS HSV)
THU	CRPV (MS HSV)	PHARMACOLOGY PRACTICAL -III (DR AR)							
FRI	AP-II (MS HSV)	PHARMACOLOGY PRACTICAL-II (MS HSV)							
SAT	PTSM-II (DR AR)	AP-II SEMINAR (MS HSV)		PDD ASSIGNMENT (DR AR)	PTSM-II (DR AR)		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR AR- Dr Anjali Raj

HSV- Hyma Sara Varghese

Dean of Academics

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2019-2020/01

16/07/2019

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for odd semester B Pharm and M Pharm, Pharm D courses on 22/07/2019 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**1 SEMESTER BACHELOR IN PHARMACY- B. PHARM (2019-2020) BATCH II -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	HAP (Ms Hyma)	PIC (Ms Madhuri)		Library	HAP TUT (Ms Hyma)		HAP Batch-I (Ms Hyma) PIC Batch-II (Ms Durga) P' Analysis Batch- III (Tanuja.L) P' Ceutics Batch-IV (Ms Kachan)		
TUE	P' Analysis (Tanuja.L)	Library		P' Analysis (Tanuja.L)	P' Ceutics TUT (Ms Kachan)		HAP Batch-II (Ms Hyma) PIC Batch-III (Ms Durga) P' Analysis Batch- IV (Tanuja.L) P' Ceutics Batch-I (Ms Kachan)		
WED	P' Ceutics (Ms Kachan)	Library		PIC (Ms Madhuri)	P' Analysis TUT (Tanuja.L)		HAP Batch-III (Ms Hyma) PIC Batch-IV (Ms Durga) P' Analysis Batch- I (Tanuja.L) P' Ceutics Batch-II (Ms Kachan)		
THUR	Remedial Biology Lab (Ms Sona)/ Remedial Maths (Ms Hemlatha)			Remedial Biology (Ms Sona)	P' Ceutics (Ms Kachan)		HAP Batch-IV (Ms Hyma) PIC Batch-I (Ms Durga) P' Analysis Batch- II (Tanuja.L) P' Ceutics Batch-III (Ms Kachan)		
FRI	CS (Ms Jessy)	CS (Ms Jessy)		Library	P' Analysis (Tanuja.L)		P' Ceutics (Ms Kachan)	Library	PIC TUT (Ms Madhuri)
SAT	Remedial Biology Lab (Ms Sona)/ Remedial Maths (Ms Hemlatha)	HAP (Ms Hyma)		PIC (Ms Madhuri)	Remedial Biology Lab (Ms Sona)/ Remedial Maths (Ms Hemlatha)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

  
 Dean of Academics

  
 Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**III SEMESTER BACHELOR IN PHARMACY- B. PHARM (2019-2020) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	POC II Batch-I (Saloni) Microbiology Batch-II (Ms Sona) Physical Pharmaceutics I Batch-III (Ms Kaur) P' Engineering Batch-IV (Ms Lavanya)							POC-II (Saloni)	Library	Physical Pharmaceutics-I (Ms Kaur)
TUE	POC II Batch-II (Saloni) Microbiology Batch-III (Ms Sona) Physical Pharmaceutics I Batch-IV (Ms Kaur) P' Engineering Batch-I (Ms Lavanya)							Microbiology (Ms Sona)	Library	Microbiology (Ms Sona)
WED	POC II Batch-III (Saloni) Microbiology Batch-IV (Ms Sona) Physical Pharmaceutics I Batch-I (Ms Kaur) P' Engineering Batch-II (Ms Lavanya)							P' Engineering (Ms Lavanya)	Library	P' Engineering TUT (Ms Lavanya)
THUR	POC-II (Saloni)	Physical Pharmaceutics-I (Ms Kaur)	BREAK	Library	POC-II TUT (Saloni)			P' Engineering (Ms Lavanya)	Library	P' Engineering (Ms Lavanya)
FRI	POC II Batch-IV (Saloni) Microbiology Batch-I (Ms Sona) Physical Pharmaceutics I Batch-II (Ms Kaur) P' Engineering Batch-III (Ms Lavanya)							Microbiology (Ms Sona)	Library	Microbiology TUT (Ms Sona)
SAT	POC-II (Saloni)	Physical Pharmaceutics-I (Ms Kaur)	BREAK	Library	Physical Pharmaceutics-I TUT (Ms Kaur)			Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

V SEMESTER BACHELOR IN PHARMACY- B. PHARM (2019-2020) BATCH -TIME TABLE

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	P' Cology-II (Dr Karthik)	Project Work	B R E A K	Project Work	P' Cognosy (Dr Kamboja)	L U N C H	P' Cognosy Batch-I (Dr Kamboja) P' Cology Batch-II (Dr Karthik) Industrial Pharmacy Batch-III (Ms Prabha)			
TUE	Industrial Pharmacy (Ms Divya)	MC-II (Ms Durga)		Library	P' Cology-II (Dr Karthik)		P' Cognosy Batch-II (Dr Kamboja) P' Cology Batch-III (Dr Karthik) Industrial Pharmacy Batch-I (Ms Divya)			
WED	P' Jurisprudence (Ms Prabha)	Library		P' Jurisprudence (Ms Prabha)	Industrial Pharmacy TUT (Ms Divya)		P' Cognosy Batch-III (Dr Kamboja) P' Cology Batch-I (Dr Karthik) Industrial Pharmacy Batch-II (Ms Divya)			
THUR	P' Cology-II (Dr Karthik)	Project Work		Project Work	Industrial Pharmacy (Ms Divya)		P' Cology-II TUT (Dr Karthik)	P' Jurisprudence (Ms Prabha)	MC-II (Ms Durga)	
FRI	P' Cognosy TUT (Dr Kamboja)	Project Work		Project Work	P' Cognosy (Dr Kamboja)		Industrial Pharmacy (Ms Divya)	Project Work		MC-II TUT (Ms Durga)
SAT	P' Cognosy (Dr Kamboja)	P' Jurisprudence TUT (Ms Prabha)		Project Work	MC-II (Ms Durga)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning			

*(Signature)*  
Dean of Academics

*(Signature)*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR BACHELOR IN PHARMACY – B PHARM (2019-2020) BATCH – TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P' Technology (Ms Prabha)	Library	BREAK	P' Cognosy (Dr Padmaa M Paarakh)	P' Technology TUT (Ms Prabha)		AIP (Ms Lavanya)	Library	MC (Dr Nagalakshmi)
TUE	P' Technology Batch-I (Ms Prabha) P' Cognosy Batch-II (Dr Padmaa M Paarakh) MC Batch-III (Dr Nagalakshmi) IBA Batch-IV (Dr Jyoti)				IBA (Dr Jyoti)		AIP TUT (Ms Lavanya)	P' Cology (Ms Joyce)	MC (Dr Nagalakshmi)
WED	P' Cology Batch-IV (Ms Joyce) P' Cognosy Batch-I (Dr Padmaa M Paarakh) MC Batch-II (Dr Nagalakshmi) IBA Batch-III (Dr Jyoti)				IBA (Dr Jyoti)		P' Technology (Ms Prabha)	P' Cognosy (Dr Padmaa M Paarakh)	P' Cology (Ms Joyce)
THUR	P' Technology Batch-II (Ms Prabha) P' Cology Batch-III (Ms Joyce) MC Batch-IV (Dr Nagalakshmi) IBA Batch-I (Dr Jyoti)				P' Cology TUT (Ms Joyce)		MC (Dr Nagalakshmi)	AIP (Ms Lavanya)	MC TUT (Dr Nagalakshmi)
FRI	P' Technology Batch-IV (Ms Prabha) P' Cognosy Batch-III (Dr Padmaa M Paarakh) P' Cology Batch-I (Ms Joyce) IBA Batch-II (Dr Jyoti)				IBA (Dr Jyoti)		P' Technology Batch-III (Ms Prabha) P' Cognosy Batch-IV (Dr Padmaa M Paarakh) MC Batch-I (Dr Nagalakshmi) P' Cology Batch-II (Ms Joyce)		
SAT	P' Technology (Ms Prabha)	P' Cognosy (Dr Padmaa M Paarakh)	BREAK	P' Cology (Ms Joyce)	IBA TUT (Dr Jyoti)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

Dean of Academics

Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY- PHARM D (2019-2020) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H II	1.30-2.20	2.20-3.10	3.10-4PM
MON	PIC Batch-I (Dr Nagalakshmi)				HAP (Dr Karthik)		PIC TUT (Dr Nagalakshmi)	Library	P' Ceutics (Ms Amritha)
TUE	MBC Batch-I (Ms Madhuri)				POC (Ms Durga)		PIC (Dr Nagalakshmi)	Library	P' Ceutics TUT (Ms Amritha)
WED	MBC (Ms Madhuri)	POC TUT (Ms Durga)	BREAK	Library	HAP (Dr Karthik)		PIC (Dr Nagalakshmi)	Library	P' Ceutics (Ms Amritha)
THUR	POC Batch-I (Ms Durga)				HAP (Dr Karthik)		P' Ceutics Batch -I (Ms Amritha)		
FRI	HAP Batch-I (Dr Karthik)				MBC (Ms Madhuri)		POC (Ms Durga)	Library	HAP TUT (Dr Karthik)
SAT	POC (Ms Durga)	MBC (Ms Madhuri)	BREAK	Library	MBC TUT (Ms Madhuri)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

  
 Dean of Academics

  
 Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR PHARM D POST BACCALAUREATE (2019-2020) BATCH TIME TABLE**


DAY/ TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PE TUT. (DR DR)	HWR (MS MM)			PROJECT WORK					
TUE	CLERKSHIP (DR PS)						HWR			
WED	PROJECT WORK						HWR			
THUR	PE (DR DR)	DRUG OF THE WEEK (MS MSA)			PE (DR DR)		JOURNAL CLUB (DR DR)		CR (DR PS)	
FRI	CPKTD (DR JB)	PROJECT WORK	BR EA K	PROJECT WORK	CR (DR PS)		CR TUT. (DR PS)	LIBRARY	CPKTD TUT. (DR JB)	
SAT	CPKTD (DR JB)	PE (DR DR)	BR EA K	CR (DR PS)	LIBRARY		Remedial/Enrichment Programmes Add-on course/ Experimental Learning			

DR JB- Dr Juveria Banu

MSA- Merin Susan Abraham

DR PS-Dr Parthasarathy

DR DR- Dr Divya Reddy

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**THIRD YEAR DOCTOR IN PHARMACY- PHARM D (2019-2020) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P' Analysis Batch-I (Ms Durga)				MC (Dr Nagalakshmi)		PCTH-II (Ms Sheba)	Library	PCTH-II (Ms Sheba)
TUE	P' Cology Batch-I (Ms Kalyani)				P' Cology TUT (Ms Kalyani)		P' Formulations Batch-I (Dr CM Shetty)		
WED	P' Analysis (Ms Durga)	P' Formulations (Dr CM Shetty)	BREAK	P' Analysis TUT (Ms Durga)	P' Cology (Ms Kalyani)		P' Jurisprudence (Dr Parthasarthy)	P' Formulations (Dr CM Shetty)	MC (Dr Nagalakshmi)
THUR	PCTH Batch-I (Ms Sheba)				PCTH-II (Ms Sheba)		PCTH-II (Ms Sheba)	HWR	
FRI	P' Analysis (Ms Durga)	MC (Dr Nagalakshmi)	BREAK	P' Cology (Ms Kalyani)	P' Analysis (Ms Durga)		P' Cology (Ms Kalyani)	P' Jurisprudence (Dr Parthasarthy)	P' Formulations (Dr CM Shetty)
SAT	MC (Dr Nagalakshmi)				MC TUT (Dr Nagalakshmi)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

Dean of Academics

Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR BACHELOR IN PHARMACY – B PHARM (2019-2020) BATCH – TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P' Technology (Ms Prabha)	Library	BREAK	P' Cognosy (Dr Padmaa M Paarakh)	P' Technology TUT (Ms Prabha)		AIP (Ms Lavanya)	Library	MC (Dr Nagalakshmi)
TUE	P' Technology Batch-I (Ms Prabha) P' Cognosy Batch-II (Dr Padmaa M Paarakh) MC Batch-III (Dr Nagalakshmi) IBA Batch-IV (Dr Jyoti)				IBA (Dr Jyoti)		AIP TUT (Ms Lavanya)	P' Cology (Ms Joyce)	MC (Dr Nagalakshmi)
WED	P' Cology Batch-IV (Ms Joyce) P' Cognosy Batch-I (Dr Padmaa M Paarakh) MC Batch-II (Dr Nagalakshmi) IBA Batch-III (Dr Jyoti)				IBA (Dr Jyoti)		P' Technology (Ms Prabha)	P' Cognosy (Dr Padmaa M Paarakh)	P' Cology (Ms Joyce)
THUR	P' Technology Batch-II (Ms Prabha) P' Cology Batch-III (Ms Joyce) MC Batch-IV (Dr Nagalakshmi) IBA Batch-I (Dr Jyoti)				P' Cology TUT (Ms Joyce)		MC (Dr Nagalakshmi)	AIP (Ms Lavanya)	MC TUT (Dr Nagalakshmi)
FRI	P' Technology Batch-IV (Ms Prabha) P' Cognosy Batch-III (Dr Padmaa M Paarakh) P' Cology Batch-I (Ms Joyce) IBA Batch-II (Dr Jyoti)				IBA (Dr Jyoti)		P' Technology Batch-III (Ms Prabha) P' Cognosy Batch-IV (Dr Padmaa M Paarakh) MC Batch-I (Dr Nagalakshmi) P' Cology Batch-II (Ms Joyce)		
SAT	P' Technology (Ms Prabha)	P' Cognosy (Dr Padmaa M Paarakh)	BREAK	P' Cology (Ms Joyce)	IBA TUT (Dr Jyoti)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

Dean of Academics

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY PHARM D (POST BACCALAUREATE) (2019-2020) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PCTH-III Lab (Ms Merin)				PCTH III TUT (Ms Merin)		PCTH I&II (Ms Mintu)	PCTH I&II Lab (Ms Mintu)		
TUE	CP Lab (Ms Merin)				PCTH III (Ms Merin)		HCP (Dr Parthasarthy)			
WED	HCP (Dr Parthasarthy)	BPK TUT (Ms Kanchan)	Break	Biostat (Ms Divya)	BPK (Ms Kanchan)		PCTH III (Ms Merin)	PCTH I&II (Ms Mintu)	HCP (Dr Parthasarthy)	
THUR	BPK (Ms Kanchan)	BPK Lab (Ms Kanchan)					HCP (Dr Parthasarthy)	PCTH I&II (Ms Mintu)	PCTH I&II TUT (Ms Mintu)	
FRI	Biostat (Ms Divya)	CP (Ms Sheba)	Break	CP TUT (Ms Sheba)	CT (Dr Karthik)		PCTH III (Ms Merin)	Biostat TUT (Ms Divya)	HCP (Dr Parthasarthy)	
SAT	BPK (Ms Kanchan)	CT TUT (Dr Karthik)		CT (Dr Karthik)	CP (Ms Sheba)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning			

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

FIFTH YEAR DOCTOR IN PHARMACY-PHARM D (2019-2020) BATCH TIME TABLE

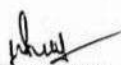
DAY/TIME	9.00-9.40	9.50-10.40	BR EA K	11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	PE TUT. (DR DR)	HWR (DR DR)			L	PROJECT WORK			
TUE	CLERKSHIP (DR PS)				U	HWR			
WED	PROJECT WORK				N	HWR			
THUR	PE (DR DR)	DRUG OF THE WEEK (MS MSA)			PE (DR DR)	C	JOURNAL CLUB (DR DR)		CR (DR PS)
FRI	CPKTD (DR JB)	PROJECT WORK	BR EA K	PROJECT WORK	CR (DR PS)	H	CR TUT. (DR PS)	LIBRARY	CPKTD TUT. (DR JB)
SAT	CPKTD (DR JB)	PE (DR DR)	BR EA K	CR (DR PS)	LIBRARY		Remedial/Enrichment Programmes Add-on course/ Experimental Learning		

DR JB- Dr Juveria Banu

MSA- Merin Susan Abraham

DR PS-Dr Parthasarathy

DR DR- Dr Divya Reddy

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR DOCTOR IN PHARMACY PHARM D (POST BACCALAUREATE) (2019-2020) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10		3.10-4PM	
MON	HWR and Clerkship (Dr Parthasarthy)					L	HWR (Dr Parthasarthy)				
TUE	PE (Ms Mintu)	CPKTD (Ms Sheba)	Break	Project Work	PE TUT (Ms Mintu)	U	Journal Club (Ms Mintu)	Journal Club (Ms Mintu)		CPKTD TUT (Ms Sheba)	
WED	Project Work				CPKTD (Ms Sheba)	N	HWR				
THUR	CR (Dr Parthasarthy)	Drug of the Week (Ms Merin)			PE (Ms Mintu)	C	PE (Ms Mintu)	Library		CR (Dr Parthasarthy)	
FRI	HWR (Ms Mintu)					H	Project Work (Ms Mintu)				
SAT	CR (Dr Parthasarthy)	Project Work	Break	CR TUT (Dr Parthasarthy)	Project Work		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning				

*(Signature)*  
Dean of Academics

*(Signature)*  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACEUTICS (2019-2020) BATCH-1<sup>ST</sup> SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MPA Practical (Dr Jyoti)						RA (Ms Kaur)	MDDS (Dr CM Shetty)	MPA (Dr Jyoti)
TUE	MDDS (Dr CM Shetty)	Library	B R E A K	MDDS Seminar (Dr CM Shetty)	Library	L U N C H	MPA (Dr Jyoti)	RA (Ms Kaur)	MPA Seminar (Dr Jyoti)
WED	MDDS (Dr CM Shetty)	Library		Library	MDDS Assignment (Dr CM Shetty)		RA (Ms Kaur)	MPA (Dr Jyoti)	RA Seminar (Ms Kaur)
THUR	Modern P' Ceutics (Ms Lavanya)	Modern P' Ceutics Assignment (Ms Lavanya)		Library	Modern P' Ceutics (Ms Lavanya)		RA (Ms Kaur)	MDDS (Dr CM Shetty)	RA Assignment (Ms Kaur)
FRI	Pharmaceutics Practical -I (Dr CM Shetty)								Modern P' Ceutics (Ms Lavanya)
SAT	Modern P' Ceutics (Ms Lavanya)	MPA (Dr Jyoti)		MPA Assignment (Dr Jyoti)	Modern P' Ceutics Seminar (Ms Lavanya)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

*(Signature)*  
Dean of Academics

*(Signature)*  
Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACOLOGY (2019-2020) BATCH-1<sup>ST</sup> SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MPA Practical (Dr Jyoti)						P' Cological Screening I (Dr Jayakumar)	Library	MPA (Dr Jyoti)
TUE	P' Cological Screening I (Dr Jayakumar)	Advanced P' Cology I (Ms Hyma)	B R E A K		P' Cological Screening I Assignment (Dr Jayakumar)	L U N C H	MPA (Dr Jyoti)	Library	MPA Seminar (Dr Jyoti)
WED	Advanced P' Cology I (Ms Hyma)	P' Cological Screening I (Dr Jayakumar)		Advanced P' Cology I Seminar (Ms Hyma)	P' Cological Screening I (Dr Jayakumar)		CMB Assignment (Ms Kalyani)	MPA (Dr Jyoti)	CMB (Ms Kalyani)
THUR	Pharmacology Practical (Ms Kalyani)							P' Cological Screening I (Dr Jayakumar)	
FRI	Advanced P' Cology I (Ms Hyma)	Library		Advanced P' Cology I (Ms Hyma)	CMB (Ms Kalyani)		Advanced P' Cology I Assignment (Ms Hyma)	Library	CMB (Ms Kalyani)
SAT	CMB (Ms Kalyani)	MPA (Dr Jyoti)		MPA Assignment (Dr Jyoti)	CMB Seminar (Ms Kalyani)	Remedial/Enrichment Programmes Value- Added course/ Experimental Learning			

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR MASTER IN PHARMACY M PHARM PHARMACEUTICS (2019-2020) BATCH-III RD SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/ Discussion	Journal Club (Dr CM Shetty)	B R E A K	Research work/ Discussion	Research work/ Discussion	L U N C H	Research work/ Discussion	Research work/ Discussion	Seminar (Ms Lavanya)	
TUE	Research work/ Discussion	Research work/ Discussion		Research work/ Discussion	Research work/ Discussion		Research work/ Discussion	Research work/ Discussion	Journal Club (Ms Lavanya)	
WED	Research work/ Discussion	Research work/ Discussion		Research work/ Discussion	Research Methodology (Dr Parthasarthy)		Research work/ Discussion	Research work/ Discussion	Research work/ Discussion	
THUR	Journal Club (Dr CM Shetty)	Research work/ Discussion		Research Methodology (Dr Parthasarthy)	Research work/ Discussion		Research work/ Discussion	Research work/ Discussion	Research work/ Discussion	
FRI	Research Methodology (Dr Parthasarthy)	Research work/ Discussion		Research work/ Discussion	Research Methodology (Dr Parthasarthy)		Journal Club (Ms Lavanya)	Research work/ Discussion	Research work/ Discussion	
SAT	Seminar (Dr CM Shetty)	Research work/ Discussion		Research work/ Discussion			Remedial/Enrichment Programmes Value- Added course/ Experimental Learning			

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2019-2020/02

31/12/2019

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for Even semester B Pharm and M Pharm courses on 3/1/2020 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bangalore  
Bangalore - 560 068



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**II SEMESTER BACHELOR IN PHARMACY- B. PHARM (2019-2020) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	C. Application (Ms Kanchan)	POC I (Tanuja.L.)		Library	HAP TUT (Ms Hyma)		HAP Batch-I (Ms Hyma) POC I Batch- II (Tanuja.L.) Biochem Batch-III (Ms Madhuri) C. App Batch-IV (Ms Kanchan)		
TUE	POC I (Tanuja.L.)	Library		POC I TUT (Tanuja.L.)	HAP (Ms Hyma)		HAP Batch-II (Ms Hyma) POC I Batch- III (Tanuja.L.) Biochem Batch-IV (Ms Madhuri) C. App Batch-I (Ms Kanchan)		
WED	C. Application (Ms Kanchan)	Library		Biochemistry TUT (Ms Madhuri)	POC I (Tanuja.L.)		HAP Batch-III (Ms Hyma) POC I Batch- IV (Tanuja.L.) Biochem Batch-I (Ms Madhuri) C. App Batch-II (Ms Kanchan)		
THUR	EVS (Ms Sona)	Biochemistry (Ms Madhuri)		EVS (Ms Sona)	Pathophysiology (Ms Lakshmi R)		HAP Batch-IV (Ms Hyma) POC I Batch- I (Tanuja.L.) Biochem Batch-I (Ms Madhuri) C. App Batch-III (Ms Kanchan)		
FRI	C. Application (Ms Kanchan)	HAP (Ms Hyma)		C. Application TUT (Ms Kanchan)	Biochemistry (Ms Madhuri)		Pathophysiology (Ms Lakshmi R)	EVS (Ms Sona)	Pathophysiology TUT (Ms Lakshmi R)
SAT	Pathophysiology (Ms Lakshmi R)	HAP (Ms Hyma)		Biochemistry (Ms Madhuri)	EVS TUT (Ms Sona)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**IV SEMESTER BACHELOR IN PHARMACY- B. PHARM (2019-2020) BATCH -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	Break	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	Physical Pharmaceutics I Batch-I (Ms Kaur) P' Cology Batch-II (Ms Hyma) P' Cognosy Batch-III (Ms Sona) MC Batch-IV (Saloni)				Physical Pharmaceutics-II (Ms Kaur)		MC (Saloni)	Library	Physical Pharmaceutics-II TUT (Ms Kaur)
TUE	Physical Pharmaceutics II Batch-I (Ms Kaur) P' Cology Batch-III (Ms Hyma) P' Cognosy Batch-IV (Ms Sona) MC Batch-I (Saloni)				MC (Durga)		P' Cognosy (Ms Sona)	Library	P' Cognosy TUT (Ms Sona)
WED	Physical Pharmaceutics III Batch-I (Ms Kaur) P' Cology Batch-IV (Ms Hyma) P' Cognosy Batch-I (Ms Sona) MC Batch-II (Saloni)				P' Cology I (Ms Hyma)		P' Cognosy (Ms Sona)	Library	Physical Pharmaceutics-II (Ms Kaur)
THUR	MC (Saloni)	Library	Break	Library	P' Cology I (Ms Hyma)		POC III (Dr Jyoti)	Library	POC III TUT (Dr Jyoti)
FRI	Physical Pharmaceutics II Batch-IV (Ms Kaur) P' Cology Batch-I (Ms Hyma) P' Cognosy Batch-II (Ms Sona) MC Batch-III (Saloni)				P' Cology I TUT (Ms Hyma)		P' Cognosy (Ms Sona)	P' Cology I (Ms Hyma)	POC III (Dr Jyoti)
SAT	MC TUT (Saloni)	Library	Break	POC III (Dr Jyoti)	Physical Pharmaceutics-II (Ms Kaur)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

  
Dean of Academics

  
Principal






Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**VI SEMESTER BACHELOR IN PHARMACY - B. PHARM (2019-2020) BATCH - TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	BPK (Ms Lavanya)	Library	B R E A K	P' Biotechnology (Ms Kalyani)	Herbal Drug Technology TUT (Dr Kamboja)	L U N C H	MC-III Batch-I (Ms Durga) Pharmacology-III Batch-II (Ms Dr Karthik) Herbal Drug Technology Batch-III (Dr Kamboja)			
TUE	BPK (Ms Lavanya)	MC-III (Ms Durga)		Pharmacology-III (Dr Karthik)	Quality Assurance TUT (Ms Prabha)		MC-III Batch-II (Ms Durga) Pharmacology-III Batch-III (Ms Dr Karthik) Herbal Drug Technology Batch-I (Dr Kamboja)			
WED	Herbal Drug Technology (Dr Kamboja)	Library		Library	Quality Assurance (Ms Prabha)		MC-III Batch-III (Ms Durga) Pharmacology-III Batch-I (Ms Dr Karthik) Herbal Drug Technology Batch-II (Dr Kamboja)			
THUR	Herbal Drug Technology (Dr Kamboja)	BPK (Ms Lavanya)		Pharmacology-III (Dr Karthik)	BPK TUT (Ms Lavanya)		MC-III (Ms Durga)	Pharmacology -III (Dr Karthik)	MC-III TUT (Ms Durga)	
FRI	Herbal Drug Technology (Dr Kamboja)	Library		Library	Quality Assurance (Ms Prabha)		Pharmacology-III TUT (Dr Karthik)	Library	P' Biotechnology (Ms Kalyani)	
SAT	P' Biotechnology (Ms Kalyani)	Quality Assurance (Ms Prabha)		P' Biotechnology TUT (Ms Kalyani)	MC-III (Ms Durga)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning			

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACEUTICS (2019-2020) BATCH-II ND SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	Mol P' Ceutics (Dr CM Shetty)	CADD (Ms Lavanya)		Mol P' Ceutics Seminar (Dr CM Shetty)	ADV BPK (Ms Divya)		C&C (Ms Kaur)	CADD (Ms Lavanya)		
TUE	Mol P' Ceutics (Dr CM Shetty)	Library		Mol P' Ceutics Assignment (Dr CM Shetty)	ADV BPK Seminar (Ms Divya)		C&C (Ms Kaur)	ADV BPK (Ms Divya)	CADD (Ms Lavanya)	
WED	ADV BPK (Ms Divya)	Library		Mol P' Ceutics (Dr CM Shetty)	C&C (Ms Kaur)		C&C Seminar (Ms Kaur)		ADV BPK Assignment (Ms Divya)	
THUR	P' Ceutics Practical (Dr CM Shetty)							C&C (Ms Kaur)		
FRI	Nanotechnology Practicals (Ms Lavanya)							C&C Assignment (Ms Kaur)		
SAT	ADV BPK (Ms Divya)	CADD (Ms Lavanya)		CADD Assignment (Ms Lavanya)	Mol P' Ceutics (Dr CM Shetty)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning			

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACOLOGY (2019-2020) BATCH-II ND SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	P' Cological Screening II (Dr Jayakumar)	Experimental Pharmacology Practical (Ms Joyce)							
TUE	P' Cological Screening II (Dr Jayakumar)	CRPV (Ms Joyce)	B R E A K	CRPV Assignment (Ms Joyce)	P' Cological Screening II Assignment (Dr Jayakumar)	L U N C H	Library	P' Cological Screening II (Dr Jayakumar)	Drug Discovery (Ms Kalyani)
WED	Advanced P' Cology II (Ms Hyma)	Library		P' Cological Screening II (Dr Jayakumar)	Library		Drug Discovery (Ms Kalyani)	CRPV (Ms Joyce)	Drug Discovery Assignment (Ms Kalyani)
THUR	Pharmacology Practical (Ms Kalyani)								CRPV (Ms Joyce)
FRI	Advanced P' Cology II (Ms Hyma)	Drug Discovery Seminar (Ms Kalyani)	B R E A K	P' Cological Screening II Seminar (Dr Jayakumar)	CRPV Seminar (Ms Joyce)	L U N C H	Advanced P' Cology II (Ms Hyma)	Drug Discovery (Ms Kalyani)	Advanced P' Cology II Assignment (Ms Hyma)
SAT	Advanced P' Cology II (Ms Hyma)	CRPV (Ms Joyce)		Library	Drug Discovery (Ms Kalyani)		Remedial/Enrichment Programmes Value- Added course/ Experimental Learning		

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2018-2019/01

16/07/2018

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee that a meeting is scheduled for discussing about academic timetable for odd semester RS4 Pattern B Pharm, Odd Sem B Pharm and M Pharm, Pharm D courses on 23/07/2018 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padua*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 6175-4694; Fax: +91- 80 -6175-4699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;






Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR BACHELOR IN PHARMACY B PHARM (2018-2019) BATCH-1<sup>ST</sup> SEMESTER -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	HAP (Ms Hyma)	P' Ceutics (Ms Kanchan)	B R E A K	P' Ceutics TUT (Ms Kanchan)	HAP TUT (Ms Hyma)	L U N C H	HAP Batch-I (Ms Hyma) PIC Batch-II (Ms Durga) P' Analysis Batch-III (Ms C. Ranjan) P' Ceutics Batch-IV (Ms Kanchan)		
TUE	P' Analysis (Dr Jyoti)	Library		P' Analysis TUT (Dr Jyoti)	HAP (Ms Hyma)		HAP Batch-I (Ms Hyma) PIC Batch-II (Dr Karthikeyan) P' Analysis Batch-III (Ms C. Ranjan) P' Ceutics Batch-IV (Ms Kaur)		
WED	P' Ceutics (Ms Kanchan)	Library		P' Analysis (Dr Jyoti)	PIC (Dr Nagalakshmi)		HAP Batch-I (Ms Supriya) PIC Batch-II (Ms Durga) P' Analysis Batch-III (Ms C. Ranjan) P' Ceutics Batch-IV (Ms Kanchan)		
THUR	Remedial Biology (Ms Sona)				Remedial Biology (Ms Sona)		HAP Batch-I (Ms Supriya) PIC Batch-II (Ms Durga) P' Analysis Batch-III (Ms C. Ranjan) P' Ceutics Batch-IV (Ms Kanchan)		
FRI	CS	CS		Library	P' Analysis (Dr Jyoti)		PIC (Dr Nagalakshmi)	P' Ceutics (Ms Kanchan)	PIC TUT (Dr Nagalakshmi)
SAT	Remedial Biology (Ms Sona)	HAP (Ms Hyma)		PIC (Dr Nagalakshmi)	Remedial Biology (Ms Sona)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

  
 Dean of Academics

  
 Principal



**Children's Education Society (Regd.)  
The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR BACHELOR IN PHARMACY II PHARM (2018-2019) BATCH-2nd SEMESTER -TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	POC II Batch-I (Dr Karthikeyan) Microbiology Batch-II (Ms Sona) Physical P' Ceutics Batch-III (Ms Kaur) P' Engineering Batch-IV (Mr Mahalingam)							POC II (Dr Karthikeyan)	Library	P' Engineering TUT (Mr Mahalingam)
TUE	POC II Batch-II (Dr Karthikeyan) Microbiology Batch-III (Ms Sona) Physical P' Ceutics Batch-IV (Ms Kaur) P' Engineering Batch-I (Ms Kanchan)							Microbiology (Ms Sona)	Library	Microbiology TUT (Ms Sona)
WED	POC II Batch-III (Dr Karthikeyan) Microbiology Batch-IV (Ms Sona) Physical P' Ceutics Batch-I (Ms Kaur) P' Engineering Batch-II (Mr Mahalingam)							P' Engineering (Mr Mahalingam)	Library	Physical P' Ceutics (Ms Kaur)
THUR	POC II (Dr Karthikeyan)	Library		POC II TUT (Dr Karthikeyan)	Physical P' Ceutics (Ms Kaur)			P' Engineering (Mr Mahalingam)	Library	P' Engineering (Mr Mahalingam)
FRI	POC II Batch-IV (Dr Karthikeyan) Microbiology Batch-I (Ms Sona) Physical P' Ceutics Batch-II (Ms Kaur) P' Engineering Batch-III (Ms Kanchan)							Microbiology (Ms Sona)	Library	Microbiology (Ms Sona)
SAT	POC II (Dr Karthikeyan)	Physical P' Ceutics (Ms Kaur)		Library	Physical P' Ceutics TUT (Ms Kaur)			Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

Dean of Academics

P. Pradeep  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**THIRD YEAR BACHELOR IN PHARMACY – B PHARM (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	P' Marketing (Dr Sri Vidya)	Library		P' Marketing TUT (Dr Sri Vidya)	MC (Ms Madhuri)		P' Cognosy Batch-I (Ms Prathyusha) P' Cology Batch-II (Ms Bhagya) P' Engg Batch-III (Dr Srividya) MC Batch-IV (Dr Jyoti)			
TUE	P' Engineering (Dr Sri Vidya)	P' Cognosy (Ms Prathyusha)		Library	P' Cognosy TUT (Ms Prathyusha)		P' Cognosy Batch-II (Ms Prathyusha) P' Cology Batch-III (Ms Bhagya) P' Engg Batch-IV (Dr Srividya) MC Batch-I (Dr Jyoti)			
WED	P' Cology (Ms Bhagya)	P' Engineering (Dr Sri Vidya)		Library	P' Cognosy (Ms Prathyusha)		P' Cognosy Batch-III (Ms Prathyusha) P' Cology Batch-IV (Ms Bhagya) P' Engg Batch-I (Dr Srividya) MC Batch-II (Dr Jyoti)			
THUR	P' Jurisprudence (Ms Kaur)	P' Cology (Ms Bhagya)		P' Jurisprudence (Ms Kaur)	P' Marketing (Dr Sri Vidya)		P' Jurisprudence (Ms Kaur)	P' Cology TUT (Ms Bhagya)	MC (Ms Madhuri)	
FRI	P' Cology (Ms Bhagya)	P' Engineering (Dr Sri Vidya)		Library	P' Cognosy (Ms Prathyusha)		P' Engineering TUT (Dr Sri Vidya)	Library	MC (Ms Madhuri)	
SAT	P' Cognosy Batch-IV (Ms Prathyusha) P' Cology Batch-I (Ms Bhagya) P' Engg Batch-II (Dr Srividya) MC Batch-III (Dr Jyoti)				MC TUT (Ms Madhuri)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning			

*[Signature]*  
Dean of Academics

*[Signature]*  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR BACHELOR IN PHARMACY – B PHARM (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	AIP (Dr CM Shetty)	P' Cognosy (Dr Padmaa M Paarakh)	BREAK	AIP (Dr CM Shetty)	MC (Dr Nagalakshmi)		P' Cology (Ms Joyce)	Library	IBA (Ms Madhuri)
TUE	P' Technology Batch-I (Mr Mahalingam) P' Cognosy Batch-II (Dr Padmaa M Paraakh) MC Batch-III (Dr Nagalakshmi) IBA Batch-IV (Ms Madhuri)				IBA (Ms Madhuri)		P' Technology (Mr Mahalingam)	IBA (Ms Madhuri)	P' Cology (Ms Joyce)
WED	P' Cology Batch-IV (Mr Mahalingam) P' Cognosy Batch-I (Dr Padmaa M Paraakh) MC Batch-I (Dr Nagalakshmi) IBA Batch-III (Ms Madhuri)				IBA TUT (Ms Madhuri)		AIP (Dr CM Shetty)	Library	P' Technology (Mr Mahalingam)
THUR	P' Technology Batch-II (Mr Mahalingam) P' Cology Batch-III (Ms Joyce) MC Batch-IV (Dr Nagalakshmi) IBA Batch-I (Ms Madhuri)				P' Cology TUT (Ms Joyce)		MC (Dr Nagalakshmi)	P' Cognosy (Dr Padmaa M Paarakh)	MC TUT (Dr Nagalakshmi)
FRI	P' Technology Batch-III (Mr Mahalingam) P' Cognosy Batch-IV (Dr Padmaa M Paraakh) P' Cology-I (Ms Joyce) IBA Batch-II (Ms Madhuri)				P' Technology (Mr Mahalingam)		P' Technology Batch-IV (Mr Mahalingam) P' Cognosy Batch-III (Dr Padmaa M Paraakh) MC Batch-I (Ms C. Ranjan) P' Cology Batch-II (Ms Joyce)		
SAT	P' Cology (Ms Joyce)	MC (Dr Nagalakshmi)	BREAK	P' Cognosy (Dr Padmaa M Paarakh)	P' Technology TUT (Mr Mahalingam)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

  
Dean of Academics

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY – PHARM D (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BREAK	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	POC Batch-I (Ms Sirisha) PIC Batch-II (Dr Nagalakshmi)			POC (Ms Durga)			P' Ceutics (Mr Mahalingam)	Library	MBC (Dr KE)
TUE	P' Ceutics Batch-I (Ms Lavanya) MBC Batch-II (Ms Sirisha)			PIC (Dr Nagalakshmi)			PIC (Dr Nagalakshmi)	Library	P' Ceutics (Mr Mahalingam)
WED	POC (Ms Durga)	BREAK		POC TUT (Ms Durga)	HAP (Ms Hyma)		PIC (Dr Nagalakshmi)	Library	PIC TUT (Dr Nagalakshmi)
THUR	HAP Batch-I (Ms Hyma) POC Batch-II (Ms Durga)			P' Ceutics (Mr Mahalingam)			P' Ceutics Batch-II (Ms Lavanya) MBC Batch-I (Ms Sirisha)		
FRI	PIC Batch-I (Dr Nagalakshmi) HAP Batch-II (Ms Hyma)			HAP (Ms Hyma)			MBC (Dr KE)	Library	MBC TUT (Dr KE)
SAT	POC (Ms Durga)	Library	BREAK	HAP TUT (Ms Hyma)	MBC (Dr KE)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

Dean of Academics

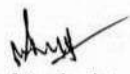
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR DOCTOR IN PHARMACY – PHARM D (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	B R E A K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	Pathophysiology (Ms Supriya)	Library		P' Cology TUT (Ms Hyma)	Microbiology (Mr Ramasamy)		P' Cognosy (Ms Sona)	Library	P' Cognosy (Ms Sona)	
TUE	P' Cology (Ms Hyma)	Library		PCTH-I (Ms Sheena)	Pathophysiology (Ms Supriya)		Microbiology (Mr Ramasamy)	CP (Ms Sheena)	Microbiology TUT (Mr Ramasamy)	
WED	CP (Ms Sheena)	P' Cology (Ms Hyma)		PCTH-I (Ms Sheena)	Pathophysiology TUT (Ms Supriya)		P' Cognosy (Ms Sona)	P' Cology (Ms Hyma)	P' Cognosy TUT (Ms Sona)	
THUR	Microbiology Lab (Mr Ramasamy)				Microbiology (Mr Ramasamy)		P' Cognosy Lab (Ms Sona)			
FRI	PCTH-I Lab (Ms Sheena)				PCTH-I (Ms Sheena)		PCTH-I (Ms Sheena)	HWR		
SAT	PCTH-I (Ms Sheena)	Library		Pathophysiology (Ms Supriya)	CP TUT (Ms Sheena)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning			

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**THIRD YEAR DOCTOR IN PHARMACY – PHARM D (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM
MON	P' Analysis Lab (Ms C. Ranjan)			P' Analysis (Ms C. Ranjan)			PCTH-II (Ms Sheena)		PCTH-II (Ms Sheena)
TUE	P' Cology Lab (Ms Bhagya)			MC (Dr Jyoti)			P' Formulations (Ms Lavanya)		
WED	P' Formulation (Ms Lavanya)	P' Analysis (Ms C. Ranjan)	BR EA K	P' Cology (Ms Bhagya)	P' Analysis TUT (Ms C. Ranjan)		P' Jurisprudence (Dr Parthasarthy)	P' Formulation TUT (Ms Lavanya)	P' Jurisprudence (Dr Parthasarthy)
THUR	PCTH II Lab (Ms Sheena)			PCTH-II (Ms Sheena)			PCTH-II TUT (Ms Sheena)	HWR	
FRI	P' Analysis (Ms C. Ranjan)	MC (Dr Jyoti)	BR EA K	P' Cology (Ms Bhagya)	P' Formulation (Ms Lavanya)		P' Cology (Ms Bhagya)	MC TUT (Dr Jyoti)	P' Cology TUT (Ms Bhagya)
SAT	MC Lab (Dr Jyoti)			MC (Dr Jyoti)			Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

  
 Dean of Academics


  
 Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FOURTH YEAR DOCTOR IN PHARMACY – PHARM D (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PCTH-III (Ms Swathy)			PCTH-III (Ms Swathy)			HWR			
TUE	CP (Ms Swathy)			PCTH-III TUT (Ms Swathy)			HP (Dr Parthasarthy)			
WED	HP (Dr Parthasarthy)	Library	BR EA K	Library			BPK (Ms Kanchan)	Library	Biostat TUT (Ms Sirisha)	
THUR	BPK (Ms Kanchan)	BPK (Ms Kanchan)					CT (Ms Joyce)	Library	CT (Ms Joyce)	
FRI	PCTH-III (Ms Swathy)	CP (Ms Sheena)	BR EA K	Biostat (Ms Sirisha)	CP (Ms Sheena)		PCTH-III (Ms Swathy)	HP (Dr Parthasarthy)	BPK TUT (Ms Kanchan)	
SAT	BPK (Ms Kanchan)	HP TUT (Dr Parthasarthy)	BR EA K	CT (Ms Joyce)	CP (Ms Sheena)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning			

  
 Dean of Academics

  
 Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR DOCTOR IN PHARMACY – PHARM D (POST BACCALAUREATE) (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	PCTH-III (Ms Swathy)			PCTH-III (Ms Swathy)			PCTH-I&II (Ms Sheena)	PCTH-I&II Lab (Ms Sheena)		
TUE	CP (Ms Swathy)			PCTH-III TUT (Ms Swathy)			HP (Dr Parthasarthy)			
WED	HP (Dr Parthasarthy)	HP (Dr Parthasarthy)	BR EA K	Library	BPK (Ms Kanchan)		Biostat (Ms Sirisha)	PCTH-I&II (Ms Sheena)	Biostat (Ms Sirisha)	
THUR	BPK (Ms Kanchan)	BPK (Ms Kanchan)					CT (Ms Joyce)	PCTH-I&II (Ms Sheena)	CT (Ms Joyce)	
FRI	PCTH-III (Ms Swathy)	CP (Ms Sheena)	BR EA K	Biostat (Ms Sirisha)	CP (Ms Sheena)		PCTH-III (Ms Swathy)	HP (Dr Parthasarthy)	BPK TUT (Ms Kanchan)	
SAT	BPK (Ms Kanchan)	HP (Dr Parthasarthy)	BR EA K	CT (Ms Joyce)	CP (Ms Sheena)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning			

*(Signature)*  
Dean of Academics

*(Signature)*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIFTH YEAR DOCTOR IN PHARMACY – PHARM D (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	HWR and Clerkship Batch-I (Dr Parthasarthy)						HWR and Clerkship Batch-II (Dr Parthasarthy)			
TUE	PE (Ms Sheena)	Library	BR EA K	CPKTD M (Ms Sheba)	PE TUT (Ms Sheena)		Journal Club (Ms Sheena)	CPKTD M (Ms Sheba)	Journal Club (Ms Sheena)	
WED	Project Work				CPKTD M (Ms Sheba)		HWR			
THUR	CR (Dr Parthasarthy)	Drug of the Week (Ms Swathy)			PE (Ms Sheena)		PE (Ms Sheena)	Library	CR (Dr Parthasarthy)	
FRI	HWR (Ms Sheena)						Project work (Ms Sheena)			
SAT	CR (Dr Parthasarthy)	Library	BR EA K	Library	CR TUT (Dr Parthasarthy)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning			

  
 Dean of Academics

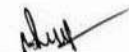
  
 Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**SECOND YEAR DOCTOR IN PHARMACY – PHARM D (POST BACCALAUREATE) (2018-2019) BATCH-TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	HWR and Clerkship Batch-I (Dr Parthasarthy)						HWR and Clerkship Batch-II (Dr Parthasarthy)			
TUE	PE (Ms Sheena)	Library	BR EA K	CPKTDM (Ms Sheba)	PE TUT (Ms Sheena)		Journal Club (Ms Sheena)	CPKTDM (Ms Sheba)	Journal Club (Ms Sheena)	
WED	Project Work				CPKTDM (Ms Sheba)		HWR			
THUR	CR (Dr Parthasarthy)	Drug of the Week (Ms Swathy)			PE (Ms Sheena)		PE (Ms Sheena)	Library	CR (Dr Parthasarthy)	
FRI	HWR (Ms Sheena)						Project work (Ms Sheena)			
SAT	CR (Dr Parthasarthy)	Library	BR EA K	Library	CR TUT (Dr Parthasarthy)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning			

  
Dean of Academics

  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACEUTICS (2018-2019) BATCH 1<sup>ST</sup> SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40	BR EA K	11-11.50	11.50-12.40	L U N C H	1.30-2.20	2.20-3.10	3.10-4PM	
MON	MPA Lab (Dr Jyoti)							RA (Ms Kaur)	RA Seminar (Ms Kaur)	Library
TUE	DDS (Dr CM Shetty)	Modern P' Ceutics (Dr Srividya)	BR EA K		Modern P' Ceutics Seminar (Dr Srividya)			DDS (Dr CM Shetty)	Library	DDS Seminar (Dr CM Shetty)
WED	Modern P' Ceutics (Dr Srividya)	MPA (Dr Jyoti)	BR EA K		DDS (Dr CM Shetty)			RA (Ms Kaur)	MPA Assignment (Dr Jyoti)	DDS Assignment (Dr CM Shetty)
THUR	Modern P' Ceutics (Dr Srividya)	MPA (Dr Jyoti)	BR EA K	MPA Seminar (Dr Jyoti)	DDS (Dr CM Shetty)			Modern P' Ceutics Assignment (Dr Srividya)	MPA Assignment (Dr Jyoti)	RA (Ms Kaur)
FRI	DDS Lab (Dr CM Shetty)							DDS (Dr CM Shetty)		Modern P' Ceutics (Dr Srividya)
SAT	RA (Ms Kaur)	Library	BR EA K	RA (Ms Kaur)	Library			Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

Dean of Academics

Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACOLOGY (2018-2019) BATCH 1<sup>ST</sup> SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM
MON	MPA Lab (Dr Jyoti)					L U N C E S II	P' Screening (Dr Jayakumar)	Library	CMP (Ms Supriya)
TUE	P' Screening (Dr Jayakumar)	Library	B R E A K	P' Screening Seminar (Dr Jayakumar)	ADV. P' Cology Assignment (Mr Ramasamy)		P' Screening (Dr Jayakumar)	Library	CMP Seminar (Ms Supriya)
WED	CMP (Ms Supriya)	MPA (Dr Jyoti)		ADV. P' Cology (Mr Ramasamy)	Library		P' Screening (Dr Jayakumar)	Library	MPA Assignment (Dr Jyoti)
THUR	CMP (Ms Supriya)	MPA (Dr Jyoti)		MPA Seminar (Dr Jyoti)	Library		ADV. P' Cology (Mr Ramasamy)	MPA (Dr Jyoti)	ADV. P' Cology (Mr Ramasamy)
FRI	ADV. P' Cology Seminar (Mr Ramasamy)	Experimental Pharmacology (Mr Ramasamy)			Experimental Pharmacology (Mr Ramasamy)		CMP (Ms Supriya)		
SAT	P' Screening Seminar (Dr Jayakumar)			ADV. P' Cology (Mr Ramasamy)	CMP Assignment (Ms Supriya)		Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACEUTICS (2018-2019) BATCH 3rd SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	Research work/Discussion	Research work/Discussion	Seminar (Ms Kaur)	
TUE	Research work/Discussion	Research work/Discussion		Journal Club (Dr CM Shetty)	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
WED	Research work/Discussion	Research work/Discussion		Seminar (Dr CM Shetty)	Research Methodology (Dr Parthasarthy)		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
THUR	Research work/Discussion	Research work/Discussion		Research Methodology (Dr Parthasarthy)	Research work/Discussion		Research work/Discussion	Research Methodology (Dr Parthasarthy)	Journal Club (Ms Kaur)	Research work/Discussion
FRI	Research Methodology (Dr Parthasarthy)	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
SAT	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

*[Signature]*  
Dean of Academics

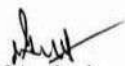
*[Signature]*  
Principal

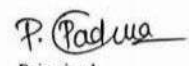


Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

**FIRST YEAR MASTER IN PHARMACY M PHARM PHARMACOLOGY (2018-2019) BATCH 3rd SEMESTER- TIME TABLE**

DAY/TIME	9.00-9.50	9.50-10.40		11-11.50	11.50-12.40		1.30-2.20	2.20-3.10	3.10-4PM	
MON	Research work/Discussion	Research work/Discussion	B R E A K	Research work/Discussion	Research work/Discussion	L U N C H	Research work/Discussion	Research work/Discussion	Research work/Discussion	
TUE	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
WED	Research work/Discussion	Research work/Discussion			Research Methodology (Dr Parthasarthy)			Research work/Discussion	Research work/Discussion	Research work/Discussion
THUR	Research work/Discussion	Research work/Discussion		Research Methodology (Dr Parthasarthy)	Journal Club (Ms Bhagya)		Research Methodology (Dr Parthasarthy)	Research work/Discussion	Research work/Discussion	Research work/Discussion
FRI	Research Methodology (Dr Parthasarthy)	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion	Research work/Discussion	Research work/Discussion
SAT	Research work/Discussion	Research work/Discussion		Research work/Discussion	Research work/Discussion		Research work/Discussion	Remedial/Enrichment Programmes Value Added course/ Experimental Learning		

  
Dean of Academics

  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2018-2019/01

13<sup>th</sup> July, 2018

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 17<sup>th</sup> July, 2018 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review of last ATR & Curriculum Feedback 2017-18
2. Preparation of Plan of Study & Pedagogy for the academic year 2017-18.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Department wise time table preparation & approval as per RGUHS calendar.
5. Department wise Plan of Study & Pedagogy approval for the academic year 2018-19.
6. Identification of Value-added Course for 2018-19.

*P. Padua*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2018-2019

Date: 13<sup>th</sup> July, 2018

Time: 12:30 P:M

### AGENDA

1. Review of last ATR & Curriculum Feedback 2017-18.
2. Preparation of Plan of Study & Pedagogy for the academic year 2018-19.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Department wise time table preparation & approval as per RGUHS calendar.
5. Department wise Plan of Study & Pedagogy approval for the academic year 2018-19.
6. Identification of Value-added Course for 2018-19.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	M. Parthasarathy
3	DR. KARTHIKEYAN. E	PROFESSOR & HOD	MEMBER	K. Karthikeyan
4	DR. MALLIKARJUN SHETTY	PROFESSOR & HOD	MEMBER	Mallikarjun
5	DR. S. JAI KUMAR	PROFESSOR & HOD	MEMBER	S. Jai Kumar
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	S. Surinder Kaur
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	D. Divya S Kumar
8	MRS. LAVANYA	ASST. PROFESSOR	DEAN EXAM	L. Lavanya
9	MRS. HYMA SARAH VARGHESE	ASST. PROFESSOR	MEMBER	H. Hyma Sarah Varghese
10	DR. SHEBA BABY JOHN	ASST. PROFESSOR	MEMBER	S. Sheba Baby John

The Chairperson welcomed all members to the meeting.

### Agenda 1: Review of last ATR & Curriculum Feedback 2017-18

- Committee members discussed about the action taken report & feedback given by all the stake holders on Value added courses and curriculum feedback conducted for the year 2017-2018.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.
- Suggestions has been noted & was decided to keep in meeting for better designing of value-added courses for the year 2018-19.

## Resolution:

- As per the discussion held, the implementation of value-added courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years value-added courses.

## **Agenda 2: Preparation of Plan of Study & Pedagogy for the academic year 2018-19.**

Committee members discussed about the last year plan of study & pedagogy conducted by different department & were analysed on the basis of student satisfaction survey.

- As per the survey, the practices related to academics & pedagogy found to be effective.
- Suggestions by committee has been noted & was decided to keep in meeting for better academic conductance for year 2018-19.

## Resolution:

- As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans.

## **Agenda 3: Academic planning, calendar of events preparation & approval, as per RGUHS calendar.**

Dean academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2018-19 as per the RGUHS calendar.

- The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule & continuous assessment marks submission date.
- Committee members suggested that all the activities should be completed in the defined timelines for effective curriculum delivery.

## Resolution:

- The committee members approved the proposed calendar of events preparation with few suggestions.

## **Agenda 4: Department wise time table preparation & approval as per RGUHS calendar.**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

All HODs had proposed their respective department the work load for each of their faculty and submit to the Dean Academic.

- Members discussed about the Time table preparation department wise as per RGUHS calendar.
- Members discussed about the plan of study and lesson plans of the respective subjects.
- Members discussed about the proposed FDP's & conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.
- Seminar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all the members to follow the time schedule for Seminar/Workshop/Guest lecture.
- Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related to current requirements of pharmacy field which will helps students to improve their knowledge.

## Resolution:

- The committee members approved the departmental timetables and all the Plan of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.

## **Agenda 5: Department wise Plan of Study & Pedagogy approval for the academic year 2018-19.**

- Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs & Committee members thoroughly.
- Committee members suggested to include more LMS based learning methods for effective teaching learning process.

## Resolution:

- The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings.

## **Agenda 6: Identification of Value-added Course for 2018-2019.**

- All HODs had been asked to propose Value added courses from department.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- After the discussion & consideration, total 6 Value added courses have been finalized for the year 2018-19 in consideration with stake holder's feedback and were decided to keep in meeting for further approval.

### Proposed List of Value-added courses for approval.

S.No.	Department	Name of Value-added Courses
1	Dept. of Pharmacognosy	HPLC analysis in crude drugs
2	Dept. of Pharmacy Practice	Inventory management
3	Dept. of Pharmacology	Lead molecules for the identification of immunosuppressant drugs
4	Dept. of Pharmacology	Invitro animal cell culture
5	Dept. of Pharmaceutics	Regulatory affairs
6	Dept. of Pharmaceutical chemistry	New drug application

### Resolution:

- As per the discussion held & in line with stake holder feedback, the process of identification of Value- added courses has been initiated.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619,1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

### Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91-80-61754694; Fax: +91-80-61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





**MINUTES OF MEETING ON CURRICULUM DELIVERY &**

**ACTION TAKEN REPORT 2018-2019**

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1	13/7/2018	17/7/2018	<p>Committee members discussed about the action taken report &amp; feedback given by all the stake holders on Value added courses and curriculum feedback conducted for the year 2017-2018.</p> <p>All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.</p> <p>Suggestions has been noted &amp; was decided to keep in meeting for better designing of value-added courses for the year 2018-19.</p>	<p>As per the discussion held, the implementation of value-added courses was found to be successful and informative to the students.</p> <p>Suggestions were taken into the account for upcoming years value-added courses.</p>	<p>The value-added courses were implemented successfully.</p> <p>Suggestions were followed for by the stakeholders for conducting upcoming value-added courses</p>
2.	13/7/2018	17/7/2018	<p>Committee members discussed about the last year plan of study &amp; pedagogy conducted by different department &amp; were analysed on the basis of student satisfaction survey.</p> <p>As per the survey, the practices related to academics &amp; pedagogy found to be effective.</p> <p>Suggestions by committee has been noted &amp; was decided to keep in meeting for better academic conductance for year 2018-19.</p>	<p>As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students.</p> <p>Suggestions were taken into the account for upcoming years academic plans.</p>	<p>Pedagogy was implemented in the teaching and learning processes.</p>



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

3	13/7/2018	17/7/2018	<p>Dean academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2018-19 as per the RGUHS calendar.</p> <p>The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule &amp; continuous assessment marks submission date.</p> <p>Committee members suggested that all the activities should be completed in the defined timelines for effective curriculum delivery.</p>	<p>The committee members approved the proposed calendar of events preparation with few suggestions.</p>	<p>The proposed Calender of events were followed by the stake holders</p>
4	13/7/2018	17/7/2018	<p>All HODs had proposed their respective department the work load for each of their faculty and submit to the Dean Academic.</p> <p>Members discussed about the Time table preparation department wise as per RGUHS calendar.</p> <p>Members discussed about the plan of study and lesson plans of the respective subjects.</p> <p>Members discussed about the proposed FDP's &amp; conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.</p> <p>Seminar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all the</p>	<p>The committee members approved the departmental timetables and all the Plan of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.</p>	<p>The approved timetables and plan of studies were followed by the stake holders.</p> <p>Plan of studies and lesson plans for respective subjects were prepared and followed.</p> <p>Dates and topics were proposed for the conduction of seminars/guest lectures/workshops</p>



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			members to follow the time schedule for Seminar/Workshop/Guest lecture.  Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related to current requirements of pharmacy field which will helps students to improve their knowledge		
5	13/7/2018	17/7/2018	Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs & Committee members thoroughly.  Committee members suggested to include more LMS based learning methods for effective teaching learning process.	The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings	LMS based learnings were followed
6	13/7/2018	17/7/2018	After the discussion & consideration, total 6 Value added courses have been finalized for the year 2018-19 in consideration with stake holder's feedback and were decided to keep in meeting for further approval.	As per the discussion held & in line with stake holder feedback, the process of identification of Value-added courses has been initiated.	Stake holders feedback was collected.

*P. Padua*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)



Ref No: TOCP/MOM/2018-19/02

28<sup>th</sup> December 2018.

**CIRCULAR**

This is to inform all Deans and HOD's and Curriculum Committee members that a meeting is scheduled for Curriculum Delivery on 4<sup>th</sup> January, 2019 at 12.30 PM in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Review of previous MOM and action taken report.
2. Review for adherence to Department wise plan of study & Pedagogical plans adopted
3. Result Analysis for the academic year 2018-2019.
4. Discussion on student satisfaction survey for odd semester.
5. Discussion of continuous internal evaluation methodologies adopted.
6. Review of Value-added Courses conducted for 2018-19 & proposal for Value- added Course for 2019-20.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

1. Chairman
2. Member Secretary, IQAC
3. All HODs







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2018-2019

Date: 4<sup>th</sup> January, 2019

Time: 12.30 PM

### AGENDA

1. Review of previous MOM and action taken report.
2. Review for adherence to Department wise plan of study & Pedagogical plans adopted
3. Result Analysis for the academic year 2018-2019.
4. Discussion on student satisfaction survey for odd semester.
5. Discussion of continuous internal evaluation methodologies adopted.
6. Review of Value-added Courses conducted for 2018-19 & proposal for value added Course for 2019-20.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	M. G. Parthasarathy
3	DR. KARTHIKEYAN. E	PROFESSOR & HOD	MEMBER	K. E. Karthikeyan
4	DR. MALLIKARJUN SHETTY	PROFESSOR & HOD	MEMBER	M. R. Mallikarjun
5	DR. S. JAI KUMAR	PROFESSOR & HOD	MEMBER	S. Jai Kumar
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	S. Surinder Kaur
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	D. S. Divya
8	MRS. LAVANYA	ASST. PROFESSOR	DEAN EXAM	L. Lavanya
9	MRS. HYMA SARAH VARGHESE	ASST. PROFESSOR	MEMBER	H. S. Sarah
10	DR. SHEBHA BABY JOHN	ASST. PROFESSOR	MEMBER	S. B. John

Chairperson welcomed all members to the meeting.

### Agenda 1: Review of previous MOM and action taken report.

- Chairperson has presented the action taken report of previous meeting to the committee members. Committee members ensured that all the activities are completed in the defined timelines.

### Resolution:

- The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

[Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi]

Accredited by NAAC and International Accreditation Organization (IAO)

**Agenda 2: Review for adherence to Department wise plan of study & Pedagogical plans adopted.**

Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.

**Resolution:**

- It is resolved that; the committee members appreciated the plans of actions put forward by the curriculum delivery report. The committee members further suggested that all the plans of actions were taken up by all concerned in full spirit.

**Agenda 3: Result Analysis for the academic year 2018-19.**

- The Internal assessment marks/ Sessional marks were analysed along with the university results.
- Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph & SGPA.
- Also instructed to allocate slow learners/ failed students to improve the result for next academic session.
- Chairperson instructed to take remedial classes for the slow learners.

**Resolution:**

- Instructions of Chairperson has to be followed.

**Agenda 4: Discussion on student satisfaction survey for odd semester**

- Committee members discussed about the student satisfactory survey and the feedback given by the students.
- Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes.

**Resolution:**

- Committee members discussed about the implementations made to improve the teaching and learning processes

**Agenda 5: Discussion of continuous internal evaluation methodologies adopted.**

Committee members discussed about the methodologies for the evaluation of the internals. They discussed the conduction of the class tests and the assignments, consideration of attendance percentage for the evaluation of internals.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

- Committee members discussed about the conduction of the class tests and assignments for the respective subjects to evaluate the internal marks.

**Agenda 6: Review of Value-Added Courses conducted for 2018-19 & proposal for value added Course for 2019-20.**

- Committee members reviewed the status of all add-on courses. It was found that the motive of all 6 add-On courses was fulfilled. Chairperson congratulated all the coordinators for the successful completion of all the courses.
- Discussion had been done on the proposal of value-added courses presented by all department HODs for the academic year 2019-20 and forwarded for the approval of add on committee approval.
- Proposed list of Value-added courses for approval for 2019-2020.

S.No.	Department	Name of Value-added Course
1	Department of Pharmacognosy	HPTLC analysis in crude drugs
2	Department of Pharmacy Practice	Phase IV pharmacovigilance
3	Department of Pharmacology	Lead molecules for the identification of cancer drugs
4	Department of Pharmacology	Preclinical phase I-III
5	Department of Pharmaceutics	Hypothesis formulation of secondary data review
6	Department of Pharmaceutical chemistry	Laminar air flow techniques
7	Department of Pharmaceutical chemistry	Molecular Docking
8	Department of Pharmacology	Toxicological approaches in clinical trials
9	Department of Pharmacognosy	Neuances in clinical survey report
10	Department of pharmacy practice	ADR reporting techniques

## Resolution:

The status of completion of add-on courses was reviewed and next year proposal had been forwarded to Add on course Committee.

*P. Padua*  
Chairperson

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs.

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY &

### ACTION TAKEN REPORT 2018-2019

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1.	28/12/2018	4/1/2019	Chairperson has presented the action taken report of previous meeting to the committee members. Committee members ensured that all the activities are completed in the defined timelines.	The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes.	MOM & ATR of previous Curriculum minutes were approved.  Department heads submitted the research topics to the Chairperson
2	28/12/2018	4/1/2019	Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.	It is resolved that; the committee members appreciated the plans of actions put forward by the curriculum delivery report. The committee members further suggested that all the plans of actions were taken up by all concerned in full spirit	Study material for the respective subjects were prepared.  Remedial classes were conducted for the slow learners. Improvement is seen in the slow learners.  Revision classes were conducted before University exams.
3	28/12/2018	4/1/2019	The Internal assessment marks/ Sessional marks were analysed along with the university results. Chairperson instructed all HODs to consolidate all	Internal assessment marks were analysed by comparing the RGUHS results.  Instructions of Chairperson has	Internal assessment marks were analysed by the HODs.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			<p>university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph &amp; SGPA.</p> <p>Also instructed to allocate slow learners/ failed students to improve the result for next academic session.</p> <p>Chairperson instructed to take remedial classes for the slow learners.</p>	<p>been followed and all rank holders in RGUHS pictures along with SGPA displayed on the notice board.</p> <p>As per the instructions of Principal slow learners were allocated the mentors to improve the results.</p>	<p>RGUHS rank holder's photos were displayed on the notice board.</p> <p>Slow learners were identified in each class and allocated to the Mentors.</p>
4	28/12/2018	4/1/2019	<p>Committee members discussed about the student satisfactory survey and the feedback given by the students.</p> <p>Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes.</p>	<p>Committee members discussed about the implementations made to improve the teaching and learning processes</p>	<p>Implementation of LMS learning methods to improve teaching learning processes.</p>
5	28/12/2018	4/1/2019	<p>Committee members discussed about the methodologies for the evaluation of the internals. They discussed the conduction of the class tests and the assignments, consideration of attendance percentage for the evaluation of internals</p>	<p>Committee members discussed about the conduction of the class tests and assignments for the respective subjects to evaluate the internal marks</p>	<p>As discussed in the meeting stake holders followed the rules of committee and conducted the class tests and assignments for the evaluation of internal marks.</p>



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

6	28/12/2018	4/1/2019	<p>Committee members reviewed the status of all add-on courses. It was found that the motive of all 6 add-On courses was fulfilled. Chairperson congratulated all the coordinators for the successful completion of all the courses.</p> <p>Discussion had been done on the proposal of value-added courses presented by all department HODs for the academic year 2019-20 and forwarded for the approval of add on committee approval.</p>	<p>The status of completion of add-on courses was reviewed and next year proposal had been forwarded to Add on course Committee</p>	<p>As per the discussion in the meeting, value added courses of old years were reviewed and topics for the next year were proposed.</p>
---	------------	----------	---	---	---

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 06  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2018-2019/01

15<sup>th</sup> October, 2018.

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 20<sup>th</sup> October, 2018 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Discussion on courses that include experimental learning project work/internship during the year 2018-2019.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padula*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2018 -2019

Date: 20<sup>th</sup> October, 2018

Time: 12:30 P:M

### AGENDA

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2018-2019.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padua
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	[Signature]
3	DR. CHITRAL MALLIKARJUN SETTY	PROFESSOR & HOD	MEMBER	Mallikarjun Setty
4	DR. KARTHIKEYAN	PROFESSOR & HOD	NAAC COORDINATOR	[Signature]
5	DR. S.JAI KUMAR	HOD & PROFESSOR	MEMBER	S. Jai kumar
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	[Signature]
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	[Signature]
8	LAVANYA	ASSO. PROFESSOR	DEAN EXAM	Lavanya
9	HYMA SARA VARGHESE	ASST. PROFESSOR	MEMBER	[Signature]
10	CHANDA RANJAN	ASST. PROFESSOR	MEMBER	CR

The Chairperson welcomed all members to the meeting.

### Agenda 1: Discussion on courses that include experimental learning project work/internship/field work during the year 2018-2019.

Curriculum committee chairperson has discussed about the courses with the committee members has include experimental learning project work/internship and instructed to the various departments to take measures for the same.

### Resolution:

Committee is decided to take initiatives for various project works/ internships during the year 2018-2019 for the courses which include experimental learning.

P. Padua  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

### Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## ACTION TAKEN REPORT 2018-19

SL NO	Date of the meeting	Minutes of the meeting	Resolution	Action taken
1.	20/10/22018	Discussion on courses that include experimental learning project work/internship during the year 2018-2019.	Committee is decided to take initiatives for various project works/ internships during the year 2018-2019 for the courses which include experimental learning	Committee has decided and approved Project works/internships by the faculty in consultation with industry experts.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

RefNo: TOCP/MOM/2019-2020/01

14<sup>th</sup> June, 2019.

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 19<sup>th</sup> June, 2019 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review of last year ATR & Curriculum Feedback 2018-19
2. Preparation of Plan of Study & Pedagogy for the academic year 2019-2020.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Department wise time table preparation & approval as per RGUHS calendar.
5. Department wise Plan of Study & Pedagogy approval for the academic year 2019-20
6. Identification of value-added courses for 2019-20.

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2019-2020

Date: 19<sup>th</sup> June, 2019

Time: 12:30 P:M

### AGENDA

1. Review of last year ATR & Curriculum Feedback 2018-19
2. Preparation of Plan of Study & Pedagogy for the academic year 2019-2020.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Department wise time table preparation & approval as per RGUHS calendar.
5. Department wise Plan of Study & Pedagogy approval for the academic year 2019-20
6. Identification of value-added courses for 2019-20

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	Partasarathy
3	DR. KARTHIKEYAN. E	PROFESSOR & HOD	MEMBER	Karthikeyan
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	Gururaj
5	DR. SHESHADRI SHEKHAR	PROFESSOR & HOD	MEMBER	Sheshadri
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	Surinder
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	Divya
8	MRS. LAVANYA	ASST. PROFESSOR	DEAN EXAM	Lavanya
9	DR. MINTU MATHEW	ASST. PROFESSOR	MEMBER	Mintu
10	DR. NAGALAKSHMI. G	ASST. PROFESSOR	MEMBER	Nagalakshmi

The Chairperson welcomed all members to the meeting.

### Agenda 1: Review of last ATR & Curriculum Feedback 2018-19

- Committee members discussed about the action taken report & feedback given by all the stake holders on Value added courses conducted for the year 2018-2019.
- All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.
- Suggestions has been noted & was decided to keep in meeting for better designing of Value-Added courses for the year 2019-20.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

As per the discussion held, the implementation of Value-added courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years Value-added courses.

### **Agenda 2: Preparation of Plan of Study & Pedagogy for the academic year 2019-20.**

Committee members discussed about the last academic year plan of study & pedagogy conducted by the different departments & were analysed on the basis of student satisfaction survey.

- As per the survey, the practices related to academics & pedagogy found to be effective.
- Suggestions by committee has been noted & was decided to keep in IQAC meeting for better academic conductance for year 2019-20.

## Resolution:

As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans.

### **Agenda 3: Academic planning, calendar of events preparation & approval, as per RGUHS calendar.**

Dean academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2019-20 as per the RGUHS calendar.

- The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule & continuous assessment marks submission date.
- Committee members suggested that all the activities should be completed in the defined timelines for effective curriculum delivery.

## Resolution:

The committee members approved the proposed calendar of events preparation with few suggestions.

### **Agenda 4: Departmental wise time table preparation & approval as per RGUHS calendar.**

All HODs had proposed their respective department work load for each of their faculty and submitted to the Dean Academic.

- Members discussed about the Time table preparation department wise as per RGUHS calendar.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## List of Value-added courses for approval.

S.No.	Department	Name of Value-added Courses
1	Department of Pharmacognosy	Course on HPTLC analysis in crude drugs
2	Department of Pharmacy Practice	Course on Phase IV pharmacovigilance
3	Department of Pharmacology	Course on Lead molecules in identification of cancer drugs
4	Department of Pharmacology	Course on Phases of clinical trials
5	Department of Pharmaceutics	Course on Hypothesis formulation of secondary data review
6	Department of Pharmaceutical chemistry	Course on Laminar air flow Techniques
7	Department of Pharmaceutical chemistry	Course on Molecular docking
8	Department of Pharmacology	Course on Toxicological approaches in clinical trials
9	Department of Pharmacognosy	Course on Nuances in Clinical Survey Report
10	Department of pharmacy practice	Course on ADR Reporting techniques

### Resolution:

As per the discussion held & in line with stake holder feedback, the process of identification of Add -on courses has been initiated.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

### Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY &

### ACTION TAKEN REPORT 2019-2020

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1	14/6/2019	19/6/2019	<p>Committee members discussed about the action taken report &amp; feedback given by all the stake holders on Value added courses conducted for the year 2018-2019.</p> <p>All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.</p> <p>Suggestions has been noted &amp; was decided to keep in meeting for better designing of Value-Added courses for the year 2019-20.</p>	<p>As per the discussion held, the implementation of Value-added courses was found to be successful and informative to the students.</p> <p>Suggestions were taken into the account for upcoming years Value-added courses.</p>	<p>Committee members discussed the MOM and ATR , feedback given by the stakeholders about value added courses.</p> <p>Add on courses were better designed by the IQAC members for the year 2020-2021.</p>
2.	14/6/2019	19/6/2019	<p>Committee members discussed about the last academic year plan of study &amp; pedagogy conducted by the different departments &amp; were analysed on the basis of student satisfaction survey.</p> <p>As per the survey, the practices related to academics &amp; pedagogy found to be effective.</p> <p>Suggestions by committee has been noted &amp; was decided to keep in IQAC meeting for better academic conductance for year 2019-20</p>	<p>As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students.</p> <p>Suggestions were taken into the account for upcoming years academic plans.</p>	<p>Plan of study and pedagogy were planned which is to be informative to the students.</p> <p>As per the Suggestions given by the Curriculum Committee</p>



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					members plan of study and the pedagogy were prepared.
3	14/6/2019	19/6/2019	<p>Dean academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2019-20 as per the RGUHS calendar.</p> <p>The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule &amp; continuous assessment marks submission date.</p> <p>Committee members suggested that all the activities should be completed in the defined timelines for effective Curriculum delivery.</p>	The committee members approved the proposed calendar of events preparation with few suggestions.	<p>Work load of all the departments were reviewed by the chairperson.</p> <p>The timetable committee prepared and allotted the workload for the faculties.</p>
4	14/6/2019	19/6/2019	<p>All HODs had proposed their respective department work load for each of their faculty and submitted to the Dean Academic.</p> <p>Members discussed about the Time table preparation department wise as per RGUHS calendar.</p> <p>Members discussed about the plan of study and lesson plans of the respective subjects.</p> <p>Members discussed about the proposed FDP's &amp; conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.</p> <p>Seminar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all</p>	The committee members approved the departmental timetables and all the Plan of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.	<p>Departmental timetable was prepared and approved by the committee.</p> <p>Plan of study and the lesson plans were prepared for respective subjects.</p> <p>Topics for the seminars, webinars, workshops</p>

No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			<p>the members to follow the time schedule for Seminar/Workshop/Guest lecture.</p> <p>Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related current requirements of pharmacy field which helps students to improve their knowledge.</p>		<p>were proposed by the HODS of the respective department.</p>
5	14/6/2019	19/6/2019	<p>All HODs had been asked to propose Value added courses from their department.</p> <p>After the discussion &amp; consideration, total 10 Value added courses have been finalized for the year 2019-20 in consideration with stake holder's feedback and were decided to keep in Committee meeting for further approval.</p>	<p>As per the discussion held &amp; in line with stake holder feedback, the process of identification of Add-on courses has been initiated.</p>	<p>Value added courses for the year 2019-2020 were finalized by the Committee.</p>

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

- 1. Chairman**
- 2. Member Secretary, IQAC**
- 3. All HODs**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
c-mail: [pharmacyprincipal@thcoxford.edu](mailto:pharmacyprincipal@thcoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2019-20/02

30<sup>th</sup> December 2019.

**CIRCULAR**

This is to inform all Deans and HOD's and Committee members that a meeting is scheduled for Curriculum Delivery on 3<sup>rd</sup> January, 2020 at 12.30 PM in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Review of previous MOM and action taken report.
2. Review for adherence to Department wise plan of study & Pedagogical plans adopted.
3. Result Analysis for the academic year 2019-2020.
4. Discussion on student satisfaction survey for odd semester.
5. Review of valued added Courses conducted for 2019-20 & proposal of add-On Course for 2020-21.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

1. Chairman
2. Member Secretary, IQAC
3. All HODs







Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**Agenda 2: Review for adherence to Department wise plan of study & Pedagogical plans adopted.**

Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.

**Resolution:**

- It is resolved that; the committee members appreciated the plans of actions put forward by the curriculum delivery report. The committee members further suggested that all the plans of actions were taken up by all concerned in full spirit.

**Agenda 3: Result Analysis for the academic year 2019-20.**

- The Internal assessment marks/ Sessional marks were analysed along with the university results.
- Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph & SGPA.
- Also instructed to allocate slow learners/ failed students to improve the result for next academic session.
- Chairperson instructed to take remedial classes for the slow learners.

**Resolution:**

- Instructions of Chairperson has been followed.

**Agenda 4: Discussion on student satisfaction survey for odd semester.**

Committee members discussed about the student satisfactory survey and the feedback given by the students.

- Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes.

**Resolution:**

- Committee members discussed about the implementations made to improve the teaching and learning processes

**Agenda 5: Review of Value-Added Courses conducted for 2019-20 & proposal for Add-On Course for 2020-21.**





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- Committee members reviewed the status of all value added courses. Chairperson instructed the coordinator to complete the value added course in time as per the schedule.
- Discussion had been done on the proposal of Add-On courses presented by all department HODs for the academic year 2020-21 and forwarded for the approval of IQAC & Add-On course committee approval.

## Proposed list of Add on courses for 2020-2021.

S.No.	Department	Name of Add-On Course
1	Dept. of Pharmacology	Course on Preclinical screening models evaluation of various pharmacological activities
2	Dept. of Pharmacology	Course on Toxicological approaches on drug development
3	Dept. of Pharmaceutical chemistry	Course on Statistical Analysis
4	Dept. of Pharmaceutical chemistry	Course on ICH-GCP Guidelines
5	Dept. of Pharmacognosy	Course on Nutraceuticals and application for disease
6	Dept. of Pharmacognosy	Course on Covid and Herbs
7	Dept. of Pharmaceutics	Course on Nanotechnology in Pharmacy
8	Dept. of Pharmaceutics	Course on Skill development initiatives in Contract Research Organization
9	Dept. of Pharmacy Practice	Course on Medical Transcription
10	Dept. of Pharmacy Practice	Course on Awareness on Lexicomp on Drug-Drug interaction
11	Dept. of Pharmaceutics	Course on Statistical analysis on Research dissertation
12	Dept. of Pharmacy Practice	Course on Scientific inventory Management practice
13	Dept. of Pharmaceutical chemistry	Course on Computer Aided Drug Design
14	Department of Pharmacology	Course on Humanisation of Immunotherapeutics

### Resolution:

The status of completion towards value-added courses reviewed and next year proposal had been forwarded to Value -added Course Committee.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 088



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY & ACTION TAKEN REPORT 2019-2020

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1	30/12/2019	3/1/2020	Chairperson has presented the action taken report of previous meeting to the committee members.  Committee members ensured that all the activities are completed in the defined timelines.	The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes.	MOM and ATR of previous minutes were approved by the committee members.  Each department gave the topics for the research activities.
2	30/12/2019	3/1/2020	Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.	It is resolved that; the committee members appreciated the plans of actions put forward by the curriculum delivery report.  The committee members further suggested that all the plans of actions were taken up by all concerned in full spirit.	Plan of study and pedagogy were implemented.
3	30/12/2019	3/1/2020	The Internal assessment marks/ Sessional marks were analysed along with the university results.  Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph & SGPA.	Instructions of Chairperson has been followed.	Along with the University results the sessional marks were analysed.  University holders' photos and marks were displayed in the notice board.  Slow learners and the failed students were identified and measures



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			Also instructed to allocate slow learners/ failed students to improve the result for next academic session.  Chairperson instructed to take remedial classes for the slow learners.		were taken for the improvement of their results.
4	30/12/2019	3/1/2020	Committee members discussed about the student satisfactory survey and the feedback given by the students.  Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes.	Committee members discussed about the implementations made to improve the teaching and learning processes	LMS based learning is implemented to improve teaching learning processes
5	30/12/2019	3/1/2020	Committee members reviewed the status of all value-added courses. Chairperson instructed the coordinator to complete the value-added course in time as per the schedule.  Discussion had been done on the proposal of Add-On courses presented by all department HODs for the academic year 2020-21 and forwarded for the approval of Value - added course committee approval	The status of completion towards value-added courses reviewed and next year proposal had been forwarded to Value -added Course Committee.	IQAC committee reviewed the value-added courses of 2019-2020.  Committee proposed the Add On courses for the year 2020-21

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2019-2020/01

13<sup>th</sup> October, 2019.

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 18<sup>th</sup> October, 2019 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Discussion on courses that include experimental learning project work/internship during the year 2019-2020.

*P. Padua*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2019-2020

Date: 18<sup>th</sup> October, 2019

Time: 12:30 P:M

### AGENDA

1. Discussion on courses that include experimental learning project work/internship during the year 2019-2020.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	
5	DR. SHESHADRI SHEKHAR	HOD & PROFESSOR	MEMBER	
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	
9	HYMA SARA VARGHESE	ASST. PROFESSOR	MEMBER	
10	CHANDA RANJAN	ASST. PROFESSOR	MEMBER	

The Chairperson welcomed all members to the meeting.

### Agenda 1: Discussion on courses that include experimental learning project work/internship/field work during the year 2019-2020.

Curriculum committee chairperson has discussed about the courses with the committee members has include experimental learning project work/internship and instructed to the various departments to take measures for the same.

### Resolution:

Committee is decided to take initiatives for various project works/ internships during the year 2019-2020 for the courses which include experimental learning.

P. Padma  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## ACTION TAKEN REPORT 2019-2020

SL NO	Date of the meeting	Minutes of the meeting	Resolution	Action taken
1.	18/10/2019	Discussion on courses that include experimental learning project work/internship during the year 2019-2020.	Committee is decided to take initiatives for various project works/ internships during the year 2019- 2020 for the courses which include experimental learning	Committee has decided and approved Project works/internships by the faculty in consultation with industry experts.

*P. Padma*  
Chairperson

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2020-2021/01

4<sup>th</sup> July, 2020.

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 8<sup>th</sup> July, 2020 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

- Review of last year ATR & Curriculum Feedback 2019-20
- Implementation of ICT enabled teaching methodologies in the pedagogy.
- Curriculum delivery hybrid mode of teaching and learning practices.
- Preparation of Plan of Study & Pedagogy for the academic year 2020-21.
- Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
- Departmental wise time table preparation & approval as per RGUHS calendar.
- Department wise Plan of Study & Pedagogy approval for the academic year 2020-21.
- Identification of Add-On Course for 2021-22.

*P. Padus*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2020-2021

Date: 8<sup>th</sup> July, 2020

Time: 12:30 P:M

### AGENDA

1. Review of last year ATR & Curriculum Feedback 2019-20
2. Implementation of ICT enabled teaching methodologies in the pedagogy.
3. Curriculum delivery hybrid mode of teaching and learning practices.
4. Preparation of Plan of Study & Pedagogy for the academic year 2020-21.
5. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
6. Departmental wise time table preparation & approval as per RGUHS calendar.
7. Department wise Plan of Study & Pedagogy approval for the academic year 2020-21.
8. Identification of Add-On Course for 2020-21.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	[Signature]
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	[Signature]
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	[Signature]
5	DR. S.JAI KUMAR	PROFESSOR & HOD	MEMBER	S. Jai Kumar
6	MRS. SURJINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	[Signature]
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	[Signature]
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	[Signature]
9	DR. VIKRAM T	ASST. PROFESSOR	MEMBER	[Signature]
10	DR. ANJALI RAJ	ASST. PROFESSOR	MEMBER	[Signature]

The Chairperson welcomed all members to the meeting.

### Agenda 1: Review of last ATR & Curriculum Feedback for 2019-20

- Committee members discussed about the action taken report & feedback given by all the stake holders on Add-on courses conducted for the year 2019-2020 through Microsoft teams.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.
- Suggestions has been noted & was decided to keep in meeting for better designing of Add-On courses for the year 2020-21.

## Resolution:

- As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years add-on courses.

## **Agenda 2: Implementation of ICT enabled teaching methodologies in the pedagogy**

Committee members discussed to implement the ICT tools for teaching and the learning methodologies in the pedagogy. They decided to use the Microsoft teams as a platform for taking classes and google classroom for submitting the assignments and conducting the class tests.

## Resolution:

- As per the discussion held, it is decided to implement the ICT tools for teaching and the learning processes.

## **Agenda 3: Curriculum delivery hybrid mode of teaching and learning practices.**

Chairperson proposed the members and the staff to utilise the ICT tools for teaching and learning processes. The use of Microsoft teams and google class room for taking classes is recommended.

## Resolution:

- As per discussion in the meeting, members followed the instructions of the chairperson

## **Agenda 4: Preparation of Plan of Study & Pedagogy for the academic year 2020-21.**

- Committee members discussed about the last year plan of study & pedagogy conducted by different department & were analysed on the basis of student satisfaction survey through hybrid mode.
- As per the survey, the practices related to academics & pedagogy found to be effective.
- Suggestions by committee has been noted & was decided to keep in meeting for better academic conductance for year 2020-21.



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### Resolution:

- As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans.

**Agenda 5: Academic planning, calendar of events preparation & approval, as per RGUHS calendar.**

Dean academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2020-21 as per the RGUHS calendar.

- The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule & continuous assessment marks submission date.
- Committee members suggested that all the activities should be completed in the defined timelines for effective curriculum delivery.

### Resolution:

- The committee members approved the proposed calendar of events preparation with few suggestions.

**Agenda 6: Departmental wise time table preparation & approval as per RGUHS calendar.**

All HODs had proposed their respective department the work load for each of their faculty and submit to the Dean Academic.

- Members discussed about the Time table preparation department wise as per RGUHS calendar.
- Members discussed about the plan of study and lesson plans of the respective subjects.
- Members discussed about the proposed FDP's & conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.
- Webinar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all the members to follow the time schedule for Seminar/Workshop/Guest lecture.
- Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related current requirements of pharmacy field which helps students to improve their knowledge.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

- The committee members approved the departmental timetables and all the Plan of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.

## **Agenda 7: Department wise Plan of Study & Pedagogy approval for the academic year 2020-21.**

- Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs & Committee members thoroughly through hybrid mode.
- Committee members suggested to includes more LMS based learning process for effective teaching learning process.

## Resolution:

- The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings.

## **Agenda 8: Identification of Add-on Course for 2021-2022.**

- All HODs had been asked to propose Add -on courses from department.
- After the discussion & consideration, total 25-add- on courses have been finalized for the year 2021-2022 in consideration with stake holder's feedback and were decided to keep in meeting for further approval.

## **Proposed list of Add on courses for approval.**

S.No.	Department	Name of Add-on Courses
1	Pharmaceutical chemistry	Course on Innovation in Green Chemistry
2	Pharmaceutical chemistry	Course on Applications of Molecular Docking in Pharmaceuticals
3	Pharmaceutical chemistry	Course on Applied Bioinformatics
4	Pharmaceutics	Course on Hands on training for drug dose fixing and drug administration
5	Pharmaceutics	Course on Regulatory for Medical Devices Requirements
6	Pharmaceutics	Course on Prescription Audit
7	Pharmacognosy	Course in HPTLC and HPLC analysis of crude drugs
8	Pharmacognosy	Course in Monograph analysis of crude drugs
9	Pharmacognosy	Course in Natural immunity boosting drugs as therapeutic interventions



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

10	Pharmacology	Course on In-Vitro Genotoxicity and Carcinogenicity studies
11	Pharmacology	Course on In-Vitro Mutagenicity and Teratogenicity activities
12	Pharmacology	Course on Production and processing of biomolecules
13	Pharmacy practice	Course on Medical Transcription of Cardiovascular and respiratory diseases
14	Pharmacy practice	Course on Rational use of antibiotics
15	Pharmacy practice	Course on Practice aspects and softwares used in medical transcription
16	Pharmaceutical chemistry	Course on Research Methodology and Intellectual Property Rights
17	Pharmaceutical chemistry	Course on Pharma Marketing
18	Pharmaceutics	Course on Polymers and its application in Pharmaceuticals
19	Pharmaceutics	Course on Knowledge Enrichment on unit processing of Capsules
20	Pharmacognosy	Course on Applications of Plant tissue culture
21	Pharmacognosy	Course on Bioassay guided isolation and evaluation of herbal drugs
22	Pharmacology	Course on Detection of infectious disease by microbial typing
23	Pharmacology	Course on In-Vivo Pharmacological studies using alternative animal models
24	Pharmacy practice	Course on Statistical analysis system in clinical research
25	Pharmacy practice	Course on Understanding clinical documents and SOAP analysis

## Resolution:

- As per the discussion held & in line with stake holder feedback, the process of identification of Add-On courses has been initiated.

## Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padua*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY &

### ACTION TAKEN REPORT 2020-2021

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1	4/7/2020	8/7/2020	<p>Committee members discussed about the action taken report &amp; feedback given by all the stake holders on Add-on courses conducted for the year 2019-2020 through Microsoft teams.</p> <p>All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.</p> <p>Suggestions has been noted &amp; was decided to keep in meeting for better designing of Add-On courses for the year 2020-21.</p>	<p>As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years add-on courses.</p>	<p>ATR and the feedback collected from the stake holders regarding addon courses were discussed by the committee members. Suggestions taken from the committee were implemented</p>
2.	4/7/2020	8/7/2020	<p>Committee members discussed to implement the ICT tools for teaching and the learning methodologies in the pedagogy. They decided to use the Microsoft teams as a platform for taking classes and google classroom for submitting the assignments and conducting the class tests.</p>	<p>As per the discussion held, it is decided to implement the ICT tools for teaching and the learning processes.</p>	<p>ICT tools were implemented for the teaching and the learning processes.</p>
3	4/7/2020	8/7/2020	<p>Chairperson proposed the members and the staff to utilise the ICT tools for teaching and learning processes. The use of Microsoft teams and google class room for taking classes is recommended.</p>	<p>As per discussion in the meeting, members followed the instructions of the chairperson</p>	<p>Microsoft teams and the google class rooms were used for taking the classes</p>



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

4	4/7/2020	8/7/2020	<p>Committee members discussed about the last year plan of study &amp; pedagogy conducted by different department &amp; were analysed on the basis of student satisfaction survey through hybrid mode.</p> <p>As per the survey, the practices related to academics &amp; pedagogy found to be effective.</p> <p>Suggestions by committee has been noted &amp; was decided to keep in meeting for better academic conductance for year 2020-21.</p>	<p>As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans.</p>	<p>Plan of the study and the pedagogy were analysed by the committee members based on the student satisfactory survey.</p>
5	4/7/2020	8/7/2020	<p>Dean academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2020-21 as per the RGUHS calendar.</p> <p>The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule &amp; continuous assessment marks submission date.</p> <p>Committee members suggested that all the activities should be completed in the defined timelines for effective curriculum delivery.</p>	<p>The committee members approved the proposed calendar of events preparation with few suggestions.</p>	<p>Academic calendar was prepared Along with the timetable mentioning the sessional schedule and continuous assessment marks.</p> <p>All the activities were conducted in a defined timeline.</p>



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

6	4/7/2020	8/7/2020	<p>All HODs had proposed their respective department the work load for each of their faculty and submit to the Dean Academic.</p> <p>Members discussed about the Time table preparation department wise as per RGUHS calendar.</p> <p>Members discussed about the plan of study and lesson plans of the respective subjects.</p> <p>Members discussed about the proposed FDP's &amp; conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.</p> <p>Webinar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all the members to follow the time schedule for Seminar/Workshop/Guest lecture.</p> <p>Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related current requirements of pharmacy field which helps students to improve their knowledge.</p>	<p>The committee members approved the departmental timetables and all the Plan of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.</p>	<p>Departmental timetable was prepared.</p> <p>Plan of study and the lesson plans were prepared.</p> <p>FDPS, Workshops were proposed by the HODs of the department.</p> <p>Workshops/ seminars / webinars were scheduled by each department.</p> <p>Topics regarding current research was suggested by the Principal and HODS for each department.</p>
7	4/7/2020	8/7/2020	<p>Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs &amp; Committee members thoroughly through hybrid mode.</p>	<p>The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be</p>	<p>LMS based learning is followed by the faculties for effective teaching</p>



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			Committee members suggested to includes more LMS based learning process for effective teaching learning process	presented in the upcoming meetings.	learning processes.
8	4/7/2020	8/7/2020	All HODs had been asked to propose Add -on courses from department.  After the discussion & consideration, total 25-add- on courses have been finalized for the year 2021-2022 in consideration with stake holder's feedback and were decided to keep in meeting for further approval	As per the discussion held & in line with stake holder feedback, the process of identification of Add-On courses has been initiated.	Total 14 add on courses were proposed to conduct for the year 2020-2021 through the hybrid mode.

*P. Padma*  
Chairperson

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2020-2021/02

27<sup>th</sup> November, 2020

## CIRCULAR

This is to inform all Deans and HOD's and Committee members that a meeting is scheduled for Curriculum Delivery on 2<sup>nd</sup> December, 2020 at 12.30 PM in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

- Review of previous MOM and action taken report through hybrid mode.
- Implementation of ICT enabled teaching methodologies in the pedagogy.
- Review for adherence to Department wise plan of study & Pedagogical plans adopted.
- Result Analysis for the academic year 2020-2021.
- Discussion on student satisfaction survey for odd semester.
- Review of Value-Added Courses conducted in 2019-20 and Proposal of add-On Course for 2020-21.

*P. Padma*  
Chairperson

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2020-2021

Date: 2<sup>nd</sup> December 2020

Time: 12.30 PM

### AGENDA

- Review of previous MOM and Action taken Report.
- Implementation of ICT enabled teaching methodologies in the pedagogy.
- Review for adherence to Department wise Plan of study & Pedagogical plans adopted.
- Result Analysis for the Academic Year 2020-2021.
- Discussion on student satisfaction survey for odd semester.
- Review of Value-added Courses conducted in 2019-2020 and Proposal of Add-on Course 2020-21.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	Dr. Parthasarathy
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	Dr. Jyoti
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	Dr. Gururaj
5	DR. S.JAI KUMAR	PROFESSOR & HOD	MEMBER	S. Jai Kumar
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	Mrs. Surinder
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	Mrs. Divya
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	Dr. Nagalakshmi
9	DR. VIKRAM	ASST. PROFESSOR	MEMBER	Dr. Vikram
10	DR. ANJALI RAJ	ASST. PROFESSOR	MEMBER	Dr. Anjali

Chairperson welcomed all members to the meeting.

### Agenda 1: Review of previous MOM and Action taken Report.

- Chairperson has presented the action taken report of previous meeting to the committee members through hybrid mode in Microsoft teams. Committee members ensured that all the activities were completed in the defined timelines.



**Resolution:**

- The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes.

**Agenda 2: Implementation of ICT enabled teaching methodologies in the pedagogy.**

Chairperson and the Committee members decided to implement the hybrid mode of teaching and learning processes in the pedagogy due to the pandemic.

**Resolution:**

- The instructions of the Chairperson were followed. The committee members and the staff members followed the hybrid mode of teaching in Microsoft teams and ZOOM.

**Agenda 3: The Review for adherence to Department wise Plan of study and Pedagogical plans adopted.**

Chairperson approved that Plan of study and Pedagogy was implemented well and advised HODs to ensure the preparedness of the study material for their respective courses in the Department for the next year.

**Resolution:**

- Committee members further suggested that all the Plans of actions were taken up by all concerned staff in full spirit.

**Agenda 4: Result Analysis for the academic year 2020-2021.**

- The Internal assessment marks/ Sessional marks were analysed along with the university results.
- Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph & SGPA.
- Also instructed to allocate slow learners/ failed students to improve the result for next academic session.
- Chairperson instructed to take remedial classes for the slow learners.

**Resolution:**

- Instructions of Chairperson has been followed.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Agenda 5: Discussion on student satisfaction survey for odd semester

- Committee members discussed about the student satisfactory survey and the feedback given by the students.
- Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes through hybrid mode in Microsoft teams by Google forms.

### Resolution:

- Committee members discussed about the implementations made to improve the teaching and learning processes

## Agenda 6: Review of Value-Added Courses conducted in 2019-2020 and proposal of Add-On Course for 2020-21.

- Committee members reviewed the status of all Value-Added Courses. It was found that the motive of all 10 Add-on courses was fulfilled. Chairperson congratulated all the coordinators for the successful completion of all the courses.
- Discussion had been done on the proposal of Add-on courses presented by all department HODs for the Academic Year 2020-2021 and forwarded for the approval of Add-On course committee approval.

### Proposed list of Add-on courses for approval in 2020-2021.

S.No.	Department	Name of Add-on Course
1	Dept. of Pharmacology	Course on Preclinical screening models evaluation of various pharmacological activities
2	Dept. of Pharmacology	Course on Toxicological approaches on drug development
3	Dept. of Pharmaceutical chemistry	Course on Statistical Analysis
4	Dept. of Pharmaceutical chemistry	Course on ICH-GCP Guidelines
5	Dept. of Pharmacognosy	Course on Nutraceuticals and application for disease
6	Dept. of Pharmacognosy	Course on Covid and Herbs
7	Dept. of Pharmaceutics	Course on Nanotechnology in Pharmacy
8	Dept. of Pharmaceutics	Course on Skill development initiatives in Contract Research Organization
9	Dept. of Pharmacy Practice	Course on Medical Transcription
10	Dept. of Pharmacy Practice	Course on Awareness on Lexicomp on Drug-Drug interaction
11	Dept. of Pharmaceutics	Course on Statistical analysis on Research dissertation
12	Dept. of Pharmacy Practice	Course on Scientific inventory Management practice
13	Dept. of Pharmaceutical chemistry	Course on Computer Aided Drug Design
14	Dept. of Pharmacology	Course on Humanisation of Immunotherapeutics





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### Resolution:

- The status of completion towards add-on courses reviewed and next year proposal had been forwarded to Add-on Course Committee.

*P. Padusa*  
Chairperson

### Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY &

### ACTION TAKEN REPORT 2020-2021

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1.	27/11/2020	2/12/2020	Chairperson has presented the action taken report of previous meeting to the committee members through hybrid mode in Microsoft teams. Committee members ensured that all the activities were completed in the defined timelines.	The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes	MOM and the ATR of the previous year were approved by the committee members.
2	27/11/2020	2/12/2020	Chairperson and the Committee members decided to implement the hybrid mode of teaching and learning processes in the pedagogy due to the pandemic.	The instructions of the Chairperson were followed. The committee members and the staff members followed the hybrid mode of teaching in Microsoft teams and ZOOM.	All the faculty members followed the hybrid mode of teaching due to pandemic through the Microsoft teams.
3	27/11/2020	2/12/2020	Chairperson approved that Plan of study and Pedagogy was implemented well and advised HODs to ensure the preparedness of the study material for their respective courses in the Department for the next year.	Committee members further suggested that all the Plans of actions were taken up by all concerned staff in full spirit.	Plan of study and the pedagogy prepared by the various departments were followed.  Study materials were provided for the respective courses in each department for the better results.
4	27/11/2020	2/12/2020	The Internal assessment marks/ Sessional marks were analysed along with the university results.	Instructions of Chairperson has been followed.	Sessional marks were analysed along with the university marks,



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			<p>Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph &amp; SGPA.</p> <p>Also instructed to allocate slow learners/ failed students to improve the result for next academic session. Chairperson instructed to take remedial classes for the slow learners.</p>		<p>University holder's marks with SGPA and the photos were displayed in the notice board.</p> <p>Slow learners were identified and the remedial classes were conducted for them.</p>
5	27/11/2020	2/12/2020	<p>Committee members discussed about the student satisfactory survey and the feedback given by the students.</p> <p>Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes through hybrid mode in Microsoft teams by Google forms.</p>	<p>Committee members discussed about the implementations made to improve the teaching and learning processes</p>	<p>Student satisfactory survey was conducted regarding the teaching and the learning processes through the hybrid mode.</p>



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

6	27/11/2020	2/12/2020	<p>Committee members reviewed the status of all Value-Added Courses. It was found that the motive of all 10 Add-on courses was fulfilled. Chairperson congratulated all the coordinators for the successful completion of all the courses.</p> <p>Discussion had been done on the proposal of Add-on courses presented by all department HODs for the Academic Year 2020-2021 and forwarded for the approval of Add-On course committee approval.</p>	<p>The status of completion towards add-on courses reviewed and next year proposal had been forwarded to IQAC &amp; Add-On Course Committee.</p>	<p>The status of completion towards add-on courses reviewed and next year proposal had been forwarded to Add-on Course Committee.</p>
---	------------	-----------	---	--	---

*P. Padma*  
Chairperson  
**PRINCIPAL**

The Oxford College Of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra,  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2020-2021/01

20<sup>th</sup> October, 2020.

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 24<sup>th</sup> October, 2020 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2020-2021.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*F. Padua*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2020-2021

Date: 24<sup>th</sup> October, 2020

Time: 12:30 P:M

### AGENDA

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2020-2021.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	Dr. Parthasarathy
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	Dr. Jyoti
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	Dr. Gururaj
5	DR. S.JAI KUMAR	HOD & PROFESSOR	MEMBER	S. Jai Kumar
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	Mrs. Surinder
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	Mrs. Divya
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	Dr. Nagalakshmi
9	DR. ANJALI RAJ	ASST. PROFESSOR	MEMBER	Dr. Anjali
10	MRS. SEENA PATEL	ASST. PROFESSOR	MEMBER	Mrs. Seena Patel

The Chairperson welcomed all members to the meeting.

**Agenda 1: Discussion on courses that include experimental learning project work/internship/field work during the year 2020-2021.**

Curriculum committee chairperson has discussed about the courses with the committee members has include experimental learning project work/internship/field work and instructed to the various departments to take measures for the same.

### Resolution:

Committee is decided to take initiatives for various project works/ internships/field works during the year 2020-2021 for the courses which include experimental learning.

P. Padma  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## ACTION TAKEN REPORT 2021-2022

SL NO	Date of the meeting	Minutes of the meeting	Resolution	Action taken
1.	24/10/2020	Discussion on courses that include experimental learning project work/internship/field work during the year 2020-2021.	Committee is decided to take initiatives for various project works/ internships/field works during the year 2020-2021 for the courses which include experimental learning	Committee has decided and approved Project works/internships/ field works by the faculty in consultation with industry experts.

*P. Padma*  
Chairperson

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2021-2022/01

15<sup>th</sup> October, 2021.

## CIRCULAR

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 20<sup>th</sup> October, 2021 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review of last ATR & Curriculum Feedback 2021-22.
2. Preparation of Plan of Study & Pedagogy for the academic year 2021-22.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Department wise time table preparation & approval as per RGUHS calendar.
5. Department wise Plan of Study & Pedagogy approval for the academic year 2021-22
6. Identification of Add-On Course for 2021-22.
7. Imbibing research methodology initiatives into the teaching learning pedagogies

*P. Padus*

Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bengaluru - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2021-2022

Date: 20<sup>th</sup> October, 2021

Time: 12:30 P:M

### AGENDA

1. Review of last ATR & Curriculum Feedback 2020-21
2. Preparation of Plan of Study & Pedagogy for the academic year 2021-22.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Department wise time table preparation & approval as per RGUHS calendar.
5. Department wise Plan of Study & Pedagogy approval for the academic year 2021-22.
6. Identification of Add-On Course for 2021-22.
7. Imbibing research methodology initiatives into the teaching learning pedagogies

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	Partasarathy
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	Jyoti
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	Gururaj
5	DR. NOOPUR SRIVASTAVA	ACTING HOD & ASSO. PROFESSOR	MEMBER	Noopur
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	Surinder
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	Divya
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	Nagalakshmi
9	MRS. SUVARNA LAKSHMI	ASST. PROFESSOR	MEMBER	Suvarna
10	MRS.K. BHAVANI	ASST. PROFESSOR	MEMBER	K. Bhavani

The Chairperson welcomed all members to the meeting

### Agenda 1: Review of last ATR & Curriculum Feedback 2020-21

- Committee members discussed about the action taken report & feedback given by all the stake holders on Add on courses conducted for the year 2020-2021.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

- All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.
- Suggestions has been noted & was decided to keep in meeting for better designing of Add-On courses for the year 2021-22.

## **Resolution:**

- **As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming year add-on courses.**

## **Agenda 2: Preparation of Plan of Study & Pedagogy for the Academic year 2021-22.**

Committee members discussed about the last year plan of study & pedagogy conducted by different department & were analysed on the basis of student satisfaction survey.

- As per the survey, the practices related to academics & pedagogy found to be effective.
- Suggestions by committee has been noted & was decided to keep in IQAC meeting for better academic conductance for year 2021-22.

## **Resolution:**

- **As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans.**

## **Agenda 3: Academic planning, calendar of events preparation & approval, as per RGUHS calendar.**

Dean Academic of TOCP, Dr. Parthasarathy G had proposed the calendar of events for the year 2021-22 as per the RGUHS calendar.

- The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule & continuous assessment marks submission date.
- Committee members suggested that all the activities should be completed in the defined timelines for effective curriculum delivery.

## **Resolution:**

- **The committee members approved the proposed calendar of events preparation with few suggestions.**

## **Agenda 4: Department wise time table preparation & approval as per RGUHS calendar.**



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

All HODs had proposed their respective department the work load for each of their faculty and submit to the Dean Academic.

- Members discussed about the Time table preparation department wise as per RGUHS calendar.
- Members discussed about the plan of study and lesson plans of the respective subjects.
- Members discussed about the proposed FDP's & conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.
- Seminar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all the members to follow the time schedule for Seminar/Workshop/Guest lecture.
- Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related current requirements of pharmacy field which helps students to improve their knowledge.

## **Resolution:**

- **The committee members approved the departmental timetables and all the Plan of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.**

## **Agenda 5: Department wise Plan of Study & Pedagogy approval for the academic year 2021-22.**

- Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs & Committee members thoroughly.
- Committee members suggested to include more LMS based learning methods for effective teaching learning process.

## **Resolution:**

- **The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings.**

## **Agenda 6: Identification of Add-On Courses for 2021-22.**

- All HODs had been asked to propose Add -on courses from the department.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- After the discussion and consideration, total 25 Add-on courses have been finalized for the year 2021-22 in consideration with stake holder's feedback and were decided to keep in meeting for further approval.

## List of Add-On Course for approval.

S.No.	Department	Name of Add-on Courses
1	Pharmaceutical chemistry	Course on Innovation in Green Chemistry
2	Pharmaceutical chemistry	Course on Applications of Molecular Docking in Pharmaceuticals
3	Pharmaceutical chemistry	Course on Applied Bioinformatics
4	Pharmaceutics	Course on Hands on training for drug dose fixing and drug administration
5	Pharmaceutics	Course on Regulatory for Medical Devices Requirements
6	Pharmaceutics	Course on Prescription Audit
7	Pharmacognosy	Course in HPTLC and HPLC analysis of crude drugs
8	Pharmacognosy	Course in Monograph analysis of crude drugs
9	Pharmacognosy	Course in Natural immunity boosting drugs as therapeutic interventions
10	Pharmacology	Course on In-Vitro Genotoxicity and Carcinogenicity studies
11	Pharmacology	Course on In-Vitro Mutagenicity and Teratogenicity activities
12	Pharmacology	Course on Production and processing of biomolecules
13	Pharmacy practice	Course on Medical Transcription of Cardiovascular and respiratory diseases
14	Pharmacy practice	Course on Rational use of antibiotics
15	Pharmacy practice	Course on Practice aspects and software used in medical transcription
16	Pharmaceutical chemistry	Course on Research Methodology and Intellectual Property Rights
17	Pharmaceutical chemistry	Course on Pharma Marketing
18	Pharmaceutics	Course on Polymers and its application in Pharmaceuticals
19	Pharmaceutics	Course on Knowledge Enrichment on unit processing of Capsules
20	Pharmacognosy	Course on Applications of Plant tissue culture
21	Pharmacognosy	Course on Bioassay guided isolation and evaluation of herbal drugs
22	Pharmacology	Course on Detection of infectious disease by microbial typing
23	Pharmacology	Course on In-Vivo Pharmacological studies using alternative animal models
24	Pharmacy practice	Course on Statistical analysis system in clinical research
25	Pharmacy practice	Course on Understanding clinical documents and SOAP analysis





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

- As per the discussion held & in line with stake holder feedback, the process of identification of add on courses has been initiated.

## **Agenda 7: Imbibing research methodology initiatives into the teaching learning pedagogies.**

- Agreed upon the necessity of faculty training and development programs to equip educators with the necessary skills and knowledge to effectively implement research methodology initiatives.
- Proposed regular workshops, seminars, and online resources to enhance faculty proficiency in research pedagogy.

## Resolution

- The committee members hereby resolve to incorporate research methodology initiatives into the Teaching-Learning Pedagogies across all academic disciplines.

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

## Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



**MINUTES OF MEETING ON CURRICULUM DELIVERY &**

**ACTION TAKEN REPORT 2021-2022**

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1	15/10/2021	20/10/2021	<ul style="list-style-type: none"><li>• Committee members discussed about the action taken report &amp; feedback given by all the stake holders on Add-On courses conducted for the year 2021-22.</li><li>• All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.</li><li>• Suggestions has been noted &amp; was decided to keep in IQAC meeting for better designing of Add on courses for the year 2021-2022.</li></ul>	<p>As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students.</p> <p>Suggestions were taken into the account for upcoming years' add-on courses.</p>	Implementation of add on courses were followed and conducted.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

2.	15/10/2021	20/10/2021	<ul style="list-style-type: none"> <li>Committee members discussed about the last year plan of study &amp; pedagogy conducted by different departments &amp; were analysed on the basis of student satisfaction survey.</li> <li>As per the survey, the practices related to academics &amp; pedagogy found to be effective.</li> <li>Suggestions by committee has been noted &amp; was decided to keep in IQAC meeting for better academic conductance for year 2021-2022.</li> </ul>	<p>As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students.</p> <p>Suggestions were taken into the account for upcoming years' academic plans</p>	<p>Implementation of pedagogy in the teaching and the learning processes.</p> <p>Suggestions given by the committee were taken into consideration.</p>
3	15/10/2021	20/10/2021	<ul style="list-style-type: none"> <li>Dean academic of TOCP, Dr. Parthasarathy had proposed the academic timetable for the year 2021-2022 as per the RGUHS calendar.</li> </ul> <p>The institution academic calendar is also being taken into the consideration and had been presented along with timetable mentioning the sessional schedule &amp; IA marks submission date.</p>	<p>The tentative workloads of all departments viz., Pharmacognosy, pharmaceutics, pharmacology, pharmacy practice &amp; pharmaceutical chemistry were reviewed by the chairperson</p> <p>The principal told to timetable committee to allot workload cadre wise.</p>	<p>Workloads of the faculties of various departments were reviewed by the principal.</p>
4	15/10/2021	20/10/2021	<ul style="list-style-type: none"> <li>All HODs had proposed their respective department the work load for each of their faculty and</li> </ul>	<ul style="list-style-type: none"> <li>HODs submitted the work load of each of their faculty to the</li> </ul>	<ul style="list-style-type: none"> <li>Workloads for the faculty from</li> </ul>



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		<p>submit to the dean academic.</p> <ul style="list-style-type: none"> <li>Members discussed about the proposed FDP's &amp; conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.</li> <li>Seminar/Workshop/Guestlecture schedule has been discussed for each department. Principal instructed all the members to follow the time schedule for Seminar/Workshop/Guest lecture.</li> <li>Principal also suggested that topic of Seminar/ Workshop/ Guest-lecture should be related current requirements of pharmacy field which helps students to improve their knowledge.</li> <li>Members discussed about the plan of study and lesson plans of the respective subjects</li> </ul>	<p>Dean Academic.</p> <ul style="list-style-type: none"> <li>Departmental time table has been approved by committee &amp; forwarded to IQAC approval</li> <li>Department wise workshops, guest lectures and seminars were instructed by the HODs to the members.</li> <li>As per suggestion given by the principal, topics for the seminar/workshop/guest lecture were decided which improves the students' knowledge.</li> <li>As per the discussion plan of study and lesson plans of the respective subjects were prepared</li> </ul>	<p>each department was submitted to Dean Academic.</p> <ul style="list-style-type: none"> <li>Conduction of seminars, workshops, guest lectures were implemented in the departments.</li> <li>Topics for the workshops/ seminars/ guest lectures were decided by the HODs.</li> <li>Plan of study and lesson plans were prepared</li> </ul>
--	--	--	--	---





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

5	15/10/2021	20/10/2021	<ul style="list-style-type: none"> <li>Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs &amp; Committee members thoroughly.</li> <li>Committee members suggested to includes more LMS based learning process for effective teaching learning process</li> </ul>	<p>The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings.</p> <ul style="list-style-type: none"> <li></li> </ul>	<p>IQAC approved the plan of study and pedagogy.</p> <ul style="list-style-type: none"> <li>LMS based learning process were followed.</li> </ul>
6	15/10/2021	20/10/2021	<ul style="list-style-type: none"> <li>All HODs propose add-on courses from department.</li> </ul> <p>After the discussion &amp; consideration, total 25 AddOn courses have been finalized, from all the departments for the year 2021-2022 and were decided to keep in IQAC meeting for approval.</p>	<p>As per the discussion held and in line with stake holder feedback, the process of identification of Add-on courses to be initiated</p>	<p>Feedback of stakeholders for the process of identification of add on courses was initiated</p>
7	15/10/2021	20/10/2021	<ul style="list-style-type: none"> <li>Agreed upon the necessity of faculty training and development programs to equip educators with the necessary skills and knowledge to effectively implement research methodology initiatives.</li> </ul> <p>Proposed regular workshops, seminars, and online resources to enhance faculty proficiency in research pedagogy</p>	<p>Faculty development workshops on research pedagogy and methodology have been scheduled.</p>	<p>FDPS, Workshops and seminars were scheduled by all the departments.</p>

P. Padma

PRINCIPAL





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2021-22/02

6<sup>th</sup> April 2022

## CIRCULAR

This is to inform all Deans and HOD's and Curriculum Committee members that a meeting is scheduled for Curriculum Delivery on 14<sup>th</sup> April, 2022 at 12.30 PM in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review of previous MOM and action taken report.
2. Review for adherence to Department wise Plan of Study & Pedagogical plans adopted
3. Review of Add-on Courses conducted 2020-2021 & proposal of Add-On Course for 2021-2022.
4. Result Analysis for the Academic year 2021-22.
5. Discussion on student satisfaction survey for odd semester.
6. To conduct internal academic audit and take corrective and preventive actions.

*P. Padua*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2021-2022

Date: 14<sup>th</sup> April, 2022

Time: 12.30 PM

### AGENDA

1. Review of previous MOM and action taken report.
2. Review for adherence to Department wise plan of study & Pedagogical plans adopted
3. Review of Add-on Courses conducted for 2020-21 & proposal for Add on Course for 2021-2022.
4. Result Analysis for the academic year 2021-22.
5. Discussion on student satisfaction survey for odd semester.
6. To conduct internal academic audit and take corrective and preventive actions.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	<i>P. Padmaa</i>
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	<i>[Signature]</i>
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	<i>[Signature]</i>
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	<i>[Signature]</i>
5	DR. NOOPUR SRIVASTAVA	ACTING HOD & ASSO. PROFESSOR	MEMBER	<i>N. Srivastava</i>
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	<i>[Signature]</i>
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	<i>[Signature]</i>
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	<i>[Signature]</i>
9	MRS. SUVARNA LAKSHMI	ASST. PROFESSOR	MEMBER	<i>[Signature]</i>
10	MRS. KESERLA BHAVANI	ASST. PROFESSOR	MEMBER	<i>K. Bhavani</i>

Chairperson welcomed all members to the meeting.

### Agenda 1: Review of previous MOM and action taken report.

- Chairperson has presented the action taken report of previous meeting to the committee members. Committee members ensured that all the activities were completed in the defined timelines.

### Resolution:



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes.

**Agenda 2 Review for adherence to Department wise plan of study & Pedagogical plans adopted.**

Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.

### Resolution:

- It is resolved that; the committee members appreciated the plans of actions put forward by the curriculum delivery report. The committee members further suggested that all the plans of actions were taken up by all concerned in full spirit.

**Agenda 3: Review of Add-on Courses conducted for 2021-22 & proposal for Add-on Course for 2022-23.**

- Committee members reviewed the status of all add-on courses. It was found that the motive of all 25 Add-on Courses was fulfilled. Chairperson congratulated all the coordinators for the successful completion of all the courses.
- Discussion had been done on the proposal of Add on courses presented by all department HODs for the academic year 2021-2022 and forwarded for the approval of Add-On course committee approval.

**Proposed list of Value-added courses for approval for 2021-2022.**

S.No.	Department	Name of Add on Course
1	Pharmaceutical chemistry	Course on Innovation in Green Chemistry
2	Pharmaceutical chemistry	Course on Applications of Molecular Docking in Pharmaceuticals
3	Pharmaceutical chemistry	Course on Applied Bioinformatics
4	Pharmaceutics	Course on Hands on training for drug dose fixing and drug administration
5	Pharmaceutics	Course on Regulatory for Medical Devices Requirements
6	Pharmaceutics	Course on Prescription Audit
7	Pharmacognosy	Course in HPTLC and HPLC analysis of crude drugs
8	Pharmacognosy	Course in Monograph analysis of crude drugs
9	Pharmacognosy	Course in Natural immunity boosting drugs as therapeutic interventions
10	Pharmacology	Course on In-Vitro Genotoxicity and Carcinogenicity studies
11	Pharmacology	Course on In-Vitro Mutagenicity and Teratogenicity activities
12	Pharmacology	Course on Production and processing of biomolecules
13	Pharmacy practice	Course on Medical Transcription of Cardiovascular and respiratory diseases
14	Pharmacy practice	Course on Rational use of antibiotics





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

15	Pharmacy practice	Course on Practice aspects and software used in medical transcription
16	Pharmaceutical chemistry	Course on Research Methodology and Intellectual Property Rights
17	Pharmaceutical chemistry	Course on Pharma Marketing
18	Pharmaceutics	Course on Polymers and its application in Pharmaceuticals
19	Pharmaceutics	Course on Knowledge Enrichment on unit processing of Capsules
20	Pharmacognosy	Course on Applications of Plant tissue culture
21	Pharmacognosy	Course on Bioassay guided isolation and evaluation of herbal drugs
22	Pharmacology	Course on Detection of infectious disease by microbial typing
23	Pharmacology	Course on In-Vivo Pharmacological studies using alternative animal models
24	Pharmacy practice	Course on Statistical analysis system in clinical research
25	Pharmacy practice	Course on Understanding clinical documents and SOAP analysis

## Resolution:

- The status of completion of Add-on courses was reviewed and next year proposal had been forwarded to Add on Course Committee.

## **Agenda 4: Result Analysis for the academic year 2021-22.**

- The Internal assessment marks/ Sessional marks were analysed along with the university results.
- Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph & SGPA.
- Also instructed to allocate slow learners/ failed students to improve the result for next academic session.
- Chairperson instructed to take remedial classes for the slow learners.

## Resolution:

- Instructions of Chairperson has to be followed.

## **Agenda 5: Discussion on student satisfaction survey for Odd Semester**

- Committee members discussed about the student satisfactory survey and the feedback given by the students.
- Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

- Committee members discussed about the implementations made to improve the teaching and learning processes

**Agenda 6: To conduct internal Academic audit and take corrective and preventive actions.**

- Explain the methodology for conducting the audit, including data collection, analysis, and reporting procedures.
- Discuss the roles and responsibilities of audit team members.
- Assign responsibility for implementing corrective and preventive measures.

## Resolution:

- The methodology proposed for conducting the audit is approved, recognizing the need for thorough data collection, analysis, and reporting to identify areas for improvement.

*P. Padua*  
Chairperson

PRINCIPAL  
The Oxford College of Pharmacy  
No. 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**MINUTES OF MEETING ON CURRICULUM DELIVERY &  
ACTION TAKEN REPORT 2021-2022**

S. No	Date of Circular	Date of Meeting	Minutes of Meetings	Resolution	Action taken
1.	6/4/2022	14/04/2022	Chairperson has presented the action taken report of previous meeting to the committee members. Committee members ensured that all the activities were completed in the defined timelines.	The committee members approved the MOM and action taken report of previous curriculum delivery meeting minutes.	MOM & ATR of previous year were approved.  Stake holders shown the interest in preparing research proposals.
2	6/4/2022	14/04/2022	Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.	It is resolved that; the committee members appreciated the plans of actions put forward by the curriculum delivery report. The committee members further suggested that all the plans of actions were taken up by all concerned in full spirit.	The study material for the respective courses were prepared.  Remedial classes were conducted for slow learners.
3	6/4/2022	14/04/2022	Committee members reviewed the status of all add-on courses. It was found that the motive of all 25 Add-on Courses was fulfilled. Chairperson congratulated all the coordinators for the	The status of completion of Add-on courses was reviewed and next year proposal had been forwarded to Add on Course Committee.	Add on courses for the previous year were reviewed by the committee.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699 [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			<p>successful completion of all the courses.</p> <p>Discussion had been done on the proposal of Add on courses presented by all department HODs for the academic year 2021-2022 and forwarded for the approval of Add-On course committee approval.</p>		<p>Add- on courses were reviewed and sent for an approval of IQAC.</p>
4	6/4/2022	14/04/2022	<p>The Internal assessment marks/ Sessional marks were analysed along with the university results.</p> <p>Chairperson instructed all HODs to consolidate all university rank holders and students who got distinctions and this has to be displayed on Notice board with Photograph &amp; SGPA.</p> <p>Also instructed to allocate slow learners/ failed students to improve the result for next academic session. Chairperson instructed to take remedial classes for the slow learners.</p>	<p>Instructions of Chairperson has to be followed.</p>	<p>Internal/sessional marks were analysed and result analysis is prepared.</p> <p>RGUHS rank holders list was displayed in the notice board.</p>



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699 [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

5	6/4/2022	14/04/2022	Committee members discussed about the student satisfactory survey and the feedback given by the students.  Chairperson presented the student satisfactory survey given by the students regarding the teaching learning processes.	Committee members discussed about the implementations made to improve the teaching and learning processes	Implementation of new methods in teaching learning processes.  Chairperson presented the student satisfactory survey.
6	6/4/2022	14/04/2022	Explain the methodology for conducting the audit, including data collection, analysis, and reporting procedures.  Discuss the roles and responsibilities of audit team members.  Assign responsibility for implementing corrective and preventive measures.	The methodology proposed for conducting the audit is approved, recognizing the need for thorough data collection, analysis, and reporting to identify areas for improvement	Research methodology approved by the chairperson is followed by the stake holders

*P. Padua*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699 [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2021-2022/01

15<sup>th</sup> October, 2021.

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 20<sup>th</sup> October, 2021 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2021-2022.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068 ☎:  
+91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2021-2022

Date: 20<sup>th</sup> October, 2021

Time: 12:30 P:M

### AGENDA

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2021-2022.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	<i>P. Padma</i>
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	<i>[Signature]</i>
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	<i>[Signature]</i>
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	<i>[Signature]</i>
5	DR. NOOPUR SRIVASTAVA	ACTING HOD & ASSO. PROFESSOR	MEMBER	<i>N. Srivastava</i>
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	<i>[Signature]</i>
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	<i>[Signature]</i>
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	<i>[Signature]</i>
9	DR. ANJALI RAJ	ASST. PROFESSOR	MEMBER	<i>[Signature]</i>
10	MRS. SEENA PATEL	ASST. PROFESSOR	MEMBER	<i>Seena Patel</i>

The Chairperson welcomed all members to the meeting.

### Agenda 1: Discussion on courses that include experimental learning project work/internship/field work during the year 2021-2022.

Curriculum committee chairperson has discussed about the courses with the committee members has include experimental learning project work/internship/field work and instructed to the various departments to take measures for the same.

### Resolution:

Committee is decided to take initiatives for various project works/ internships/field works during the year 2021-2022 for the courses which include experimental learning.

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 063

### Copy to

1. Chairman
2. Member secretary IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068 Q:  
+91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## ACTION TAKEN REPORT 2021-2022

SL NO	Date of the meeting	Minutes of the meeting	Resolution	Action taken
1.	20/10/2021	Discussion on courses that include experimental learning project work/internship/field work during the year 2021-2022.	Committee is decided to take initiatives for various project works/ internships/field works during the year 2021-2022 for the courses which include experimental learning	Committee has decided and approved 29 Project works/internships/ field works by the faculty in consultation with industry experts.

*P. Padwa*  
Chairperson

PRINCIPAL

The Oxford College of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bengaluru-560 068

Copy to

1. Chairman
2. Member secretary, IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068 P:  
+91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/MOM/2022-2023/01

10<sup>th</sup> October 2022.

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 13<sup>th</sup> October 2022 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Review of last ATR & Feedback on Add-On Courses 2021-22
2. Review of adherence Plan of Study & Pedagogy for the academic year 2021-22.
3. Academic planning, calendar of events preparation & approval as per RGUHS' calendar.
4. Master time table preparation & departmental time table preparation & approval as per RGUHS calendar.
5. Plan of Study & Pedagogy approval for the academic year 2022-23
6. Identification of Add-On Course for 2022-2023

Copy to:

1. Chairman
2. Member secretary
3. All HODs

*P. Paduk*  
Chairperson

PRINCIPAL  
The Oxford College of Pharmacy  
No. 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2022-2023

Date: 13<sup>th</sup> October 2022

Time: 12:30 P:M

### AGENDA

1. Review of last ATR & Feedback on Add-On Courses 2021-22
2. Review of adherence Plan of Study & Pedagogy for the academic year 2021-22.
3. Academic planning, calendar of events preparation & approval, as per RGUHS calendar.
4. Master time table preparation & departmental time table preparation & approval as per RGUHS calendar.
5. Plan of Study & Pedagogy approval for the academic year 2022-23
6. Identification of Add-On Course for 2022-2023

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	<i>D. Padma</i>
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	<i>Part</i>
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	<i>Jyoti</i>
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	<i>Gururaj</i>
5	DR. NOOPUR SRIVASTAVA	ACTING HOD & ASSO. PROFESSOR	MEMBER	<i>Noopur</i>
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	<i>Surinder</i>
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	<i>Divya</i>
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	<i>Naga</i>
9	MRS. SUVARNA LAKSHMI	ASST. PROFESSOR	MEMBER	<i>Suvarna</i>
10	MRS. K S BHAVANI	ASST. PROFESSOR	MEMBER	<i>K. Bhavani</i>

The Chairperson welcomed all members to the meeting.

### Agenda 1: Review of last ATR & Feedback on Add-On Courses 2021-22.

- Committee members discussed about the action taken report & feedback given by all the stake holders on Add-On courses conducted for the year 2021-22.
- All the courses were analysed for its effectiveness and success on the basis of feedback suggestions made by different stake holders.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- Suggestions has been noted & was decided to keep in meeting for better designing of Add-On courses for the year 2022-23.

### Resolution:

As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years' add-on courses.

### **Agenda 2: Review of adherence of Plan of Study & Pedagogy for the academic year 2021-22.**

- Committee members discussed about the last year plan of study & pedagogy conducted by different department & were analysed on the basis of student satisfaction survey.
- As per the survey, the practices related to academics & pedagogy found to be effective.
- Suggestions by committee has been noted & was decided to keep in meeting for better academic conductance for year 2022-23.

### Resolution:

As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans

### **Agenda 3: Academic planning, calendar of events preparation & approval as per RGUHS calendar.**

- Dean academic of TOCP, Dr. Parthasarthy had proposed the calendar of events for the year 2022-23 as per the RGUHS calendar.
- The institution academic calendar is taken into the consideration and had been presented along with timetable mentioning the sessional schedule & continuous assessment marks submission date.
- Committee members suggested that all the activities should be completed in the defined timelines for affective curriculum delivery.

### Resolution:

The committee members approved the proposed calendar of events preparation with few suggestions.

### **Agenda 4: Master time table preparation & departmental time table preparation & approval as per RGUHS calendar.**

- All HODs had proposed their respective department the work load for each of their faculty and submit to the dean academic.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- Members discussed about the proposed FDP's & conferences including themes, objectives, proposed dates, potential speakers or facilitators, and the intended audience or participants.
- Seminar/Workshop/Guest-lecture schedule has been discussed for each department. Principal instructed all the members to follow the time schedule for Seminar/Workshop/Guest lecture.
- Principal also suggested that topic of Seminar/Workshop/Guest-lecture should be related current requirements of pharmacy field which helps students to improve their knowledge.

## Resolution:

The committee members approved all the Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.

### Agenda 5: Plan of Study & Pedagogy approval for the academic year 2022-23.

- Plan of study with proper pedagogy were submitted by all the faculties which has been analysed by All HODs & Committee members thoroughly.
- Committee members suggested to includes more LMS based learning process for effective teaching learning process.

## Resolution:

The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings.

### Agenda 6: Identification Add-On Course for 2022-2023.

- All HODs had been asked to propose add-on courses from department.
- After the discussion & consideration, total 25 Add-On courses have been finalized for the year 2022-23 in consideration with stake holder's feedback and were decided to keep in meeting for approval.
- List of Add-On courses for approval.

S.No.	Department	Name of Add-On Course
1	Dept. of Pharmacognosy	Course in HPTLC, HPLC and GC analysis of crude drugs.
2	Dept. of Pharmacognosy	Course in Natural Immunity Boosting Drugs as Therapeutic Interventions
3	Dept. of Pharmacognosy	Course on Monograph Analysis of Crude Drug
4	Dept. of Pharmacognosy	Course on Bioassay Guided Isolation and Evaluation of Herbal drugs
5	Dept. of Pharmacognosy	Course on Application of Plant Tissue Culture
6	Dept. of Pharmaceutical chemistry	Course in Green Chemistry
7	Dept. of Pharmaceutical chemistry	Course in Molecular Docking





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

8	Dept. of Pharmaceutical chemistry	Course on Applied Bioinformatics
9	Dept. of Pharmaceutical chemistry	Course on Pharma Marketing
10	Dept. of Pharmaceutical chemistry	Course on Research & Review paper, Research Proposal Writing skill
11	Dept. of Pharmacology	Course on Invitro- Mutagenicity and Teratogenicity
12	Dept. of Pharmacology	Course on Cell Free Transcription & Translation
13	Dept. of Pharmacology	Course on Osteopharmacology
14	Dept. of Pharmacology	Course on Pharmacogenomics and genomics Data analysis
15	Dept. of Pharmacology	Course on Spectroscopic Methods for the Detection of Microbial Pathogens and Diagnostic Infectious diseases
16	Dept. of Pharmacy practice	Course on Clinical Data Management
17	Dept. of Pharmacy practice	Course on Understanding Clinical Documents & Software Used in Clinical Setting
18	Dept. of Pharmacy practice	Course on First Aid & Emergency Care by Pharmacist
19	Dept. of Pharmacy practice	Course on Basic Terminology in Pharmacovigilance
20	Dept. of Pharmacy practice	Course on Prescription Handling Management & Analysis of Prescription
21	Dept. of Pharmaceutics	Course on Medications You need to know
22	Dept. of Pharmaceutics	Course on Food Regulations
23	Dept. of Pharmaceutics	Course on Medical Devices
24	Dept. of Pharmaceutics	Course on Polymers & Its Significance in Noval Drug Delivery System
25	Dept. of Pharmaceutics	Course on Knowledge Enrichment On Unit Processing of Tablets

## Resolution:

As per the discussion held & in line with stake holder feedback, the process of identification of Add-on courses to be initiated.

Copy to:

1. Chairman
2. Member secretary
3. All HODs

*P. Padus*  
Chairperson

PRINCIPAL  
The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bengaluru - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



**MINUTES OF MEETING ON CURRICULUM DELIVERY &**

**ACTION TAKEN REPORT 2022-2023**

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	10/10/2022	13/10/2022	Review of last ATR & Feedback on Add-On Courses 2021-22	As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years' add-on courses.	As per the discussion held, the implementation of add-on courses was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years' add-on courses.
2.	10/10/2022	13/10/2022	Review of adherence Plan of Study & Pedagogy for the academic year 2021-22.	As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years academic plans	As per the discussion held, the implementation of pedagogy, was found to be successful and informative to the students. Suggestions were taken into the account for upcoming years' academic plans
3	10/10/2022	13/10/2022	Academic planning, calendar of events preparation & approval as per RGUHS calendar.	The committee members approved the proposed calendar of events preparation with few suggestions.	The tentative workloads of all departments viz., Pharmacognosy, pharmaceuticals, pharmacology, pharmacy practice & pharmaceutical chemistry were reviewed by the chairperson  The principal told to timetable committee to allot workload cadre wise.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

4	10/10/22	13/10/ 22	Master time table preparation & departmental time table preparation & approval as per RGUHS calendar.	The committee members approved all the Plans of actions and suggested that the implementation status of the same should be presented in the upcoming	Mater time table & departmental time table has been approved by committee & forwarded to IQAC approval
5	10/10/2022	13/10/ 22	Plan of Study & Pedagogy approval for the academic year 2022-23	The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings	The committee members approved all the Plans of study and Pedagogy, also suggested that the implementation status of the same should be presented in the upcoming meetings.
6	10/10/2022	13/10/ 2022	Identification of Add-On Course for 2022-2023	As per the discussion held & in line with stake holder feedback, the process of identification of Add-on courses to be initiated.	As per the discussion held & in line with stake holder feedback, the process of identification of Add-on courses to be initiated

*P. Padmas*  
Chairperson

**PRINCIPAL**

The Oxford College of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore-560068

Copy to:

1. Chairman
2. Member secretary IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

Ref No: TOCP/MOM/2022-2023/02

26<sup>th</sup> December 2022.

**CIRCULAR**

This is to inform all Deans and HOD's and Committee members that a meeting is scheduled for Curriculum Delivery on 30<sup>th</sup> December 2022 at 12.30 PM in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Review of previous MOM and action taken report.
2. Review for adherence to plan of study & Pedagogy.
3. Result Analysis for the academic year 2022-23.
4. General review and instructions to HODs.
5. Review of add-on Courses conducted & proposal of add-On Course 2023-24.

**Copy to:**

1. Chairman
2. Member secretary
3. All HODs

*P. Padmas*  
**Chairperson**

**PRINCIPAL**

The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
E-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91-80-61754694; Fax: +91-80-61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





**MINUTES OF MEETING ON CURRICULUM DELIVERY**

Date: 30<sup>th</sup> December 2022

Time: 12.30 PM

**AGENDA**

1. Review of previous MOM and action taken report.
2. Review for adherence to plan of study & Pedagogy.
3. Result Analysis for the academic year 2022-23.
4. General review and instructions to HODs.
5. Review of add-on Courses conducted & proposal of add-On Course 2023-24.

**COMMITTEE MEMBERS:**

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR. & HOD	DEAN ACADEMIC	Dr. Parthasarathy
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	Dr. Jyoti
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	Dr. Gururaj
5	DR. NOOPUR SRIVASTAVA	ACTING HOD & ASSO. PROFESSOR	MEMBER	Dr. Noopur
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	Mrs. Surinder
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	Mrs. Divya
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	Dr. Nagalakshmi
9	MRS. SUVARNA LAKSHMI	ASST. PROFESSOR	MEMBER	Mrs. Suvarna
10	MRS. K S BHAVANI	ASST. PROFESSOR	MEMBER	Mrs. K. Bhavani

Chairperson welcomed all members to the meeting.

**Agenda 1: Review of previous MOM and action taken report.**

- Chairperson has presented the action taken report of previous meeting to the committee members. Committee members ensured that all the activities are completed in the defined timelines.

**Resolution:**

The committee members approved the MOM and action taken report of previous minutes.

**Agenda 2: Course review of adherence to plan of study & Pedagogy.**

- Chairperson approved that plan of study & Pedagogy was implemented well & advised HODs to ensure the preparedness of the study material for their respective courses in the department for next year.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

It is resolved that; the committee members appreciated the plans of actions put forward by the team of TOCP. The committee members further suggested that all the plans of actions was taken up by all concerned in full spirit.

## **Agenda 3: Result Analysis for the academic year 2022-23.**

- The Internal assessment marks/ Sessional marks were analysed along with the university results.
- Chairperson instructed all HODs to allocate university Holders and has to be displayed on Notice board with Photograph & SGPA.
- Also instructed to allocate slow learners/ failed students to improve the result for next academic session

## Resolution:

- Instructions of Chairperson has been followed.

## **Agenda 4: General review and instructions to HODs**

- Chairperson is advised to all members to concentrate on completion of syllabus and enquired about the preparedness for RGUHS examinations of all B. Pharm, M. Pharm and Pharm D courses.
- Chairperson informed about the selected short-term UG projects from RGUHS and also congratulated the faculties who motivated the students for the same.
- Chairperson instructed and also motivated HODs and Faculty about Shiksha Awards.

## Resolution:

Committee members suggested that all the proposed plans of actions of examination should be adhere strictly.

## **Agenda 5: Review of add-on Courses conducted & proposal of add-On Course 2023-24.**

- Committee members reviewed the status of all add-on courses. It was found that the motive of all 25 add-On courses was fulfilled (ref. feedback add-on courses 2022-23). Chairperson congratulated all the coordinators for the successful completion of all the courses.
- Discussion had been done on the proposal of add-on courses presented by all department HODs for the academic year 2023-24 and forwarded for the approval of Add-On course committee.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

- List of Add-On courses for approval.

S.No.	Department	Name of Add-On Course
1	Dept. of Pharmacognosy	Course on the analysis of crude pharmaceuticals using Modern Analytical technique
2	Dept. of Pharmacognosy	Course in Immunity-Supplementing Medicines as Therapeutic Innervations
3	Dept. of Pharmacognosy	Course in Crude Drug Monograph Analysis
4	Dept. of Pharmacognosy	Course on Bioassay-Guided Isolation and Validation of Herbal Medicines
5	Dept. of Pharmacognosy	Course on Plant Tissue Culture Technique
6	Dept. of Pharmaceutical chemistry	Course in Application of Green Chemistry
7	Dept. of Pharmaceutical chemistry	Course in Application of Molecular Docking
8	Dept. of Pharmaceutical chemistry	Course on Application of Applied Bioinformatics
9	Dept. of Pharmaceutical chemistry	Course on Pharmaceutical Advertising
10	Dept. of Pharmaceutical chemistry	Course on Writing Research Projects and Review Articles
11	Dept. of Pharmacology	Course on Invitro- Genetic mutation and Toxicity
12	Dept. of Pharmacology	Course on Free Cell Translation and Transcription
13	Dept. of Pharmacology	Course on Osteoporosis
14	Dept. of Pharmacology	Course on Genomic and pharmacogenomics Data interpretation
15	Dept. of Pharmacology	Course on Spectroscopic Techniques for Microbial Pathogen Identification and Diagnostic Infectious Diseases.
16	Dept. of Pharmacy Practice	Course on Clinical Information Administration
17	Dept. of Pharmacy Practice	Course on Comprehending the Software and Documents Used in Clinical Settings
18	Dept. of Pharmacy Practice	Course on Emergency Care and First Aid
19	Dept. of Pharmacy Practice	Basic Terminology Course for Pharmacovigilance
20	Dept. of Pharmacy Practice	Course on the management and analysis of prescription handling
21	Dept. of Pharmaceutics	Course on Understanding Medication History
22	Dept. of Pharmaceutics	Course on Guidelines for Food
23	Dept. of Pharmaceutics	Course on Medical Equipment
24	Dept. of Pharmaceutics	Course on Polymers and Their Significance in the Novel Drug Delivery System
25	Dept. of Pharmaceutics	Course on Enhancing Understanding of Tablet Unit Processing



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

The status of completion towards add-on courses reviewed and next year proposal had been forwarded to Add-On Course Committee.

## Copy to:

1. Chairman
2. Member secretary
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL  
The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru  
E-95, 086 - 000 000



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

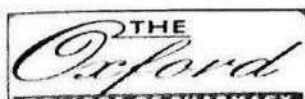
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY &

### ACTION TAKEN REPORT 2022-2023

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1.	26/12/2022	30/12/2022	Review of previous MOM and action taken report.	The committee members approved the MOM and action taken report of previous minutes.	The committee members approved the MOM and action taken report of previous IQAC minutes.  The Chairperson insisted each department to find the area of interest in research and work on the same.
2	26/12/2022	30/12/2022	Review for adherence to plan of study & Pedagogy.	It is resolved that; the committee members appreciated the plans of actions put forward by the team of TOCP. The committee members further suggested that all the plans of actions was taken up by all concerned in full spirit.	Decision has been taken to conduct the Remedial classes for struggling learners.  Revision classes were conducted for the preparation of university exams.
3	26/12/2022	30/12/2022	Result Analysis for the academic year 2022-23.	Instructions of Chairperson has been followed.	Instructions of Chairperson has been followed and all rank holders in RGHUS pictures along with SGPA displayed on the notice board.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



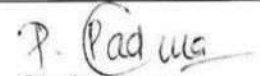
Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

4	26/12/2022	30/12/2022	General review and instructions to HODs	Committee members suggested that all the proposed plans of actions of examination should be adhere strictly.	After receiving approval from the research dean, the revised research proposals are currently pending notification from RGUHS before proceeding to the next phase.  The titles for FDPs and conferences, categorized by department, have been officially confirmed and settled.
5	26/12/2022	30/12/2022	Review of add-on Courses conducted & proposal of add-On Course 2023-24.	The status of completion towards add-on courses reviewed and next year proposal had been forwarded to Add-On Course Committee.	The status of completion towards add-on courses reviewed and next year proposal had been forwarded to IQAC & Add-On Course Committee.

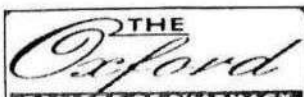
  
Chairperson

PRINCIPAL

The Oxford College of Pharmacy  
No. 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member secretary IQAC
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

Ref No: TOCP/MOM/2022-2023/01

15<sup>th</sup> October 2022

**CIRCULAR**

This is to inform all Deans and HOD's and Members of Curriculum committee members that a meeting is scheduled for Curriculum delivery on 20<sup>th</sup> October, 2022 at 12:30 P:M in the Smart Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2022-2023.

Copy to:

1. Chairman
2. Member Secretary, IQAC
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College of Pharmacy  
to 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON CURRICULUM DELIVERY 2022-2023

Date: 20<sup>th</sup> October, 2022

Time: 12:30 P:M

### AGENDA

1. Discussion on courses that include experimental learning project work/internship/field work during the year 2022-2023.

### COMMITTEE MEMBERS:

S.NO.	NAME OF THE MEMBER	DESIGNATION	POST	SIGNATURE
1	DR. PADMAA M. PAARAKH	PROFESSOR & PRINCIPAL	CHAIRPERSON	P. Padma
2	DR. PARTHASARATHY G	PROFESSOR & HOD	DEAN ACADEMIC	
3	DR. JYOTI SHRIVASTAVA	PROFESSOR & HOD	MEMBER	
4	DR. GURURAJ S. KULKARNI	PROFESSOR & HOD	NAAC COORDINATOR	
5	DR. NOOPUR SRIVASTAVA	ACTING HOD & ASSO. PROFESSOR	MEMBER	
6	MRS. SURINDER KAUR	ASST. PROFESSOR	DEAN ADMIN	
7	MRS. DIVYA S KUMAR.	ASST. PROFESSOR	DEAN HR	
8	DR. NAGALAKSHMI G	ASSO. PROFESSOR	DEAN EXAM	
9	Mrs. KESERLA BHAVANI	ASST. PROFESSOR	MEMBER	
10	MRS. SUVARNA LAKSHMI	ASST. PROFESSOR	MEMBER	





The Chairperson welcomed all members to the meeting.

**Agenda 1: Discussion on courses that include experimental learning project work/internship/field work during the year 2022-2023.**

Curriculum committee chairperson has discussed about the courses with the committee members has include experimental learning project work/internship/field work and instructed to the various departments to take measures for the same.

**Resolution:**

Committee is decided to take initiatives for various project works/ internships/field works during the year 2022-2023 for the courses which include experimental learning.

Copy to:

1. Chairman
2. Member secretary
3. All HOD

*P. Padiwa*  
Chairperson  
PRINCIPAL  
The Oxford College of Pharmacy  
No. 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru  
Bengaluru - 560 068



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**ACTION TAKEN REPORT 2022-2023**

SL NO	Date of the meeting	Minutes of the meeting	Resolution	Action taken
1.	20/10/2022	Discussion on courses that include experimental learning project work/internship/field work during the year 2021-2022.	Committee is decided to take initiatives for various project works/ internships/field works during the year 2021-2022 for the courses which include experimental learning	Committee has decided and approved 29 Project works/internships/ field works by the faculty in consultation with industry experts.

*P. Pad us*  
Chairperson

**Copy to**

1. Chairman
2. Member secretary, IQAC
3. All HODs

**PRINCIPAL**  
The Oxford College of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## RE-CONSTITUTION OF SYLLABUS FRAMING COMMITTEE

### FOR VALUE ADDED COURSE

#### PREAMBLE

In-order to bridge the industry & academia connect and also reference with suggestions received from curriculum feedback from the stake holders, The Oxford College of Pharmacy has decided to formulate a syllabus forming committee for framing syllabus for various add-on courses proposed for the academic year 2018-2019, so as to improve skill quotient of students.

The committee is as follows:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basav
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Mallikarjun Shetty	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	M Shetty
6	Dr. Karthikeyan. E	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Karthikeyan
7	Dr. S. Jai Kumar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	S Jai Kumar
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder
11	Mrs. Hyma Sara Varghese	Assistant. Professor	In-house teaching faculty	Hyma Sara



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

12	Mrs. Lavanya	Assistant. Professor	In-house teaching faculty	<i>Lavanya</i>
13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>M. K. K.</i>

\* The said committee will meet twice a year preferably one at the beginning of academic year and one at the end of academic year.

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member secretary
3. All HODs





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

RefNo: TOCP/ADMOM/2018-2019/01

15<sup>th</sup> July, 2018.

**CIRCULAR**

This is to inform all Deans, HOD's and all the committee members that a meeting is scheduled for Add-on courses on 17<sup>th</sup> July, 2018 at 12.30 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Stake holders feedback review of previous year Value added courses
2. Identification of Value-added courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Value-added courses

*P. Padma*  
**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharma  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

1. **Chairman**
2. **Member Secretary**
3. **All HODs**





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON ADD-ON COURSES

Date: 19<sup>th</sup> June 2019

Time: 12.30 PM

### AGENDA

1. Stake holders feedback review of previous year Value added courses
2. Identification of Value-added courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Value-added courses

### COMMITTEE MEMBERS:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	<i>P. Padma</i>
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	<i>Parthasarathy</i>
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	<i>Basava</i>
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	<i>Sindhu</i>
5	Dr. Mallikarjun Shetty	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	<i>Mallikarjun</i>
6	Dr. Karthikeyan. E	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	<i>Karthikeyan</i>
7	Dr. S. Jai Kumar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	<i>S. Jai Kumar</i>
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	<i>Gan</i>
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	<i>Divya</i>
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	<i>Surinder</i>
11	Mrs. Hyma Sara Varghese	Assistant. Professor	In-house teaching faculty	<i>Hyma Sara</i>
12	Mrs. Lavanya	Assistant. Professor	In-house teaching faculty	<i>Lavanya</i>



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>W. K. K. K.</i>
----	-----------------------	---	--------	--------------------

Chairperson welcomed all members to the meeting.

**Agenda 1:** Stake holders feedback review of previous year Value added courses

The team of TOCP has presented the action taken report of previous meeting to the committee members. committee members suggested that all the ongoing activities should be completed in the defined timelines.

### Resolution:

**The committee members approved the MOM and action taken report of previous minutes.**

**Agenda 2:** Identification of Value-added courses/content beyond programme in reference to stake holder's feedback

Chairperson discussed & presented the proposed Value-added course to the committee members.

- Total 6 Value added courses have been proposed, from all departments for the year 2018-2019.
- Syllabus of each course was represented and explained by In-house teaching faculty from each Department i.e. Pharmacology, Pharmaceutics, Pharmacognosy, Pharmaceutical Chemistry & Pharmacy Practice to the committee members.
- Utility & importance of each course was discussed & were finalized for implementation.
- Chairperson also allotted the students for each course instructed the faculty to concentrate the courses.

### Resolution:

**The committee members approved all Value-added courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.**

**After discussion and approval of all committee member following Value added courses are finalised for the year 2018-2019.**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S.No.	Department	Name of Value-added Course
1	Dept. of Pharmacognosy	HPLC analysis in crude drugs
2	Dept. of Pharmacy Practice	Inventory management
3	Dept. of Pharmacology	Lead molecules for the identification of immunosuppressant drugs
4	Dept. of Pharmacology	Invitro animal cell culture
5	Dept. of Pharmaceutics	Regulatory affairs
6	Dept. of Pharmaceutical chemistry	New drug application

**Agenda 3:** Design of the session plan of Value-added courses

Chairperson suggested the Committee members and the course Co-ordinators to design the session plan for the conduction of Value-added courses.

**Resolution:**

**The committee members followed the instructions of the Chairperson and prepared the session plans of the Value-added courses.**

*P. Padma*  
PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**MINUTES OF MEETING  
&  
ACTION TAKEN REPORT 2018-2019**

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	15 <sup>th</sup> July 2018	17 <sup>th</sup> July 2018	Stake holders feedback review of previous year Value added course	The Committee members approved the MOM and action taken report of previous minutes.	MOM and the ATR of the previous year were approved by the committee members.
2	15 <sup>th</sup> July 2018	17 <sup>th</sup> July 2018	Identification of Value-added courses/content beyond programme in reference to stake holder's feedback.	The committee members approved all 6 Value added courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.	Value added courses was finalized for each department for the upcoming academic year.
3	15 <sup>th</sup> July 2018	17 <sup>th</sup> July 2018	Design of the session plan of Value-added courses	The committee members followed the instructions of the Chairperson and prepared the session plans of the Value-added courses.	Course coordinators prepared the session plans of add on courses as suggested by the chairperson

*P. Padma*  
**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

- 1. Chairman**
- 2. Member Secretary**
- 3. All HODs**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2018-2019/02

10<sup>TH</sup> JUNE 2019

## CIRCULAR

This is to inform all Deans, HOD's and Committee members that a meeting is scheduled for value added courses on 14<sup>th</sup> June 2019 at 2.30 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review on progress of Value-Added course for academic year 2018-2019.
2. Review of feedback by stakeholders on Value-Added course for academic year 2018-19.

Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*

Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**MINUTES OF MEETING ON VALUE ADDED COURSES**

Date: 14<sup>th</sup> June 2019

Time: 2.30 PM

**AGENDA**

1. Review on progress of Value-Added course for academic year 2018-2019.
2. Review of feedback by stakeholders on Value-Added course for academic year 2018-2019.

**COMMITTEE MEMBERS:**

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Mallikarjun Shetty	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Mallikarjun
6	Dr. Karthikeyan. E	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Karthikeyan
7	Dr. S. Jai Kumar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	S. Jai Kumar
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder Kaur
11	Mrs. Hyma Sara Varghese	Assistant. Professor	In-house teaching faculty	Hyma Sara
12	Mrs. Lavanya	Assistant. Professor	In-house teaching faculty	Lavanya
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	Nikita



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

Chairperson welcomed all members to the meeting.

**Agenda 1:**

**Review on progress of Value-Added course for academic year 2018-2019**

- The Value-Added course coordinators has presented the progress of ongoing courses to the committee members. Committee members considered all the ongoing activities and verified the content & structure of add-on courses.
- All 06 Value-Added course were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Importance of each course was discussed & were found to be satisfactory.

**Resolution:**

**The committee members analysed the progress of the program and suggestion from the committee members were followed by the course co-ordinators.**

**Agenda 2:**

**Review of feedback by stakeholders on Value-Added course for academic year 2018-2019.**

- Chairperson presented a summarized report of feedback given by all the stake holders to the committee.
- All feedback from the Value-Added course were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Committee has gone through all the suggestions given by the stake holders. Following are the few points which was taken-up by the committee for improvisation of next year Value-Added course
  1. Inclusion of latest information relevant to the courses.
  2. Promote frequent interaction of alumni and college students for better understating of industrial requirements.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

The committee members considered the feedback suggestions for next year Value-Added course implementation. Status of the same should be presented in the upcoming meetings.

## Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padua*

Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETINGS

&

### ACTION TAKEN REPORT 2018-2019

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	10/06/2019	14/06/2019	Review on progress of Value-Added course for academic year 2018-2019	<ul style="list-style-type: none"><li>The committee members analyzed the progress of the program.</li><li>Suggestion from the committee members were followed by the course coordinators.</li></ul>	The committee members appreciated the efforts of all 06 course coordinators and suggested that the implementation of these courses can be carried out for the next academic year too. MOM and ATR were approved by the committee members
2	10/06/2019	14/06/2019	Review of feedback by stakeholders for academic year 2018-2019.	<ul style="list-style-type: none"><li>Chairperson presented a summarized report of feedback given by all the stake holders to the committee.</li><li>Committee has gone through all the suggestions given by the stake holders. The committee members considered the feedback suggestions for next year Value-Added course implementation.</li></ul>	The committee members considered the feedback suggestions for next year Value-Added courses implementation. Status of the same should be presented in the upcoming meetings.



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**COURSE ON INVENTORY MANAGEMENT**

**(Course Code:IM 2018-19)**

**FEEDBACK QUESTIONNAIRE**

NAME (IN CAPITAL LETTER): \_\_\_\_\_

CLASS AND YEAR: \_\_\_\_\_

E-MAIL ID: \_\_\_\_\_

**1) Did the certificate course increased your knowledge and skills.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**2) The course was organised in a manner that helped me to understand the underlying concept.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**3) The lecture, tests and assignments complemented each other.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**4) I would highly recommend this course to other students.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**5) Overall, this course met my expectations for the quality of the course?**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

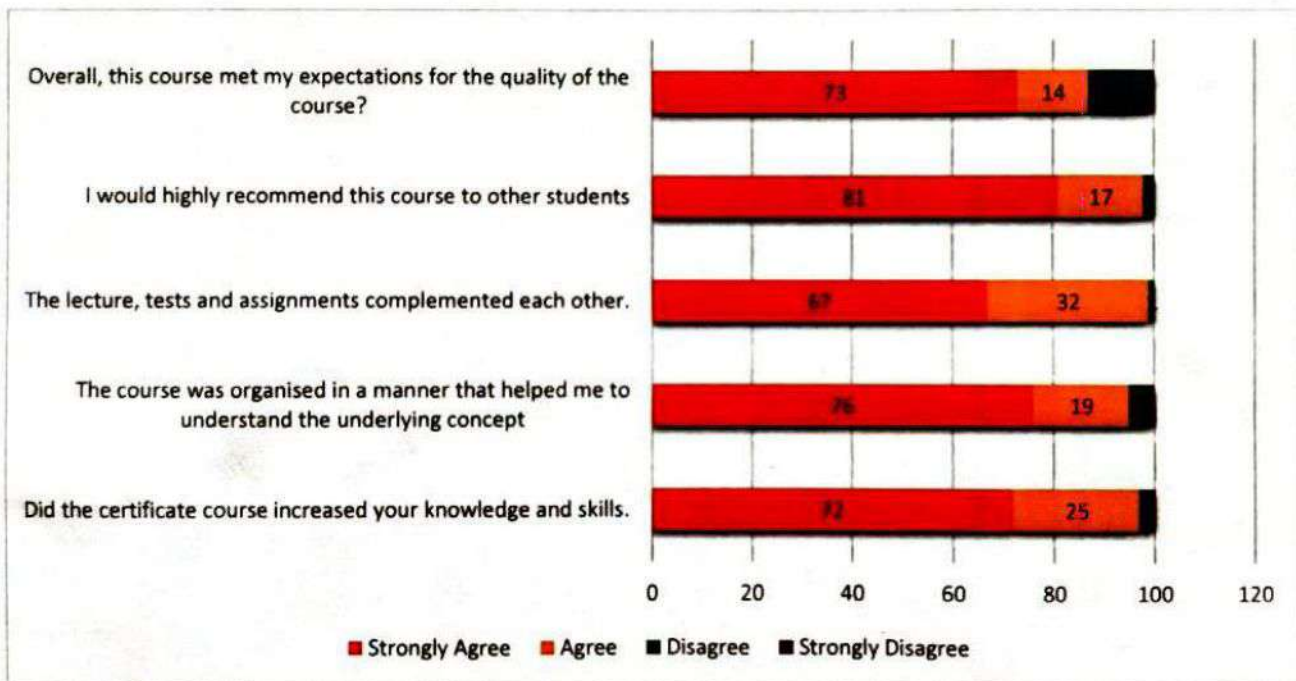
**COURSE ON INVENTORY MANAGEMENT**

**(Course Code:IM 2018-19)**

**FEEDBACK REPORT**

At the end of the valedictory function feedback was collected from the students electronically. The feedback was found satisfactory. The students responded very well and found the course to be very beneficial. The graphical representation of feedback are as follows with the detailed excel sheet of the feedback.

Graph 1: Student feedback



Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*

**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharm.  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru –560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## RE-CONSTITUTION OF SYLLABUS FRAMING COMMITTEE

### FOR VALUE ADDED COURSE

#### PREAMBLE

In-order to bridge the industry & academia connect and also reference with suggestions received from curriculum feedback from the stake holders, The Oxford College of Pharmacy has decided to formulate a syllabus forming committee for framing syllabus for various add-on courses proposed for the academic year 2019-2020, so as to improve skill quotient of students.

The committee is as follows:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Jyoti
7	Dr Sheshadri Shekar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	Sheshadri
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder
11	Mrs. Hyma Sara Varghese	Assistant. Professor	In-house teaching faculty	Hyma
12	Mrs. Lavanya	Assistant. Professor	In-house teaching faculty	Lavanya



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>W. K. K.</i>
----	-----------------------	---	--------	-----------------

\* The said committee will meet twice a year preferably one at the beginning of academic year and one at the end of academic year.

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy,  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member secretary
3. All HODs



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2019-2020/01

16<sup>th</sup> June, 2019.

**CIRCULAR**

This is to inform all Deans, HOD's and all the committee members that a meeting is scheduled for Value added courses on 19<sup>th</sup> June, 2019 at 12.30 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Stake holders feedback review of previous year Value added courses
2. Identification of Value-added courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Value-added courses

*P. Padma*  
**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra,  
Bangalore - 560 068

**Copy to:**

1. **Chairman**
2. **Member Secretary**
3. **All HODs**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**MINUTES OF MEETING ON VALUE ADDED COURSES**

Date: 19<sup>th</sup> June 2019

Time: 12.30 PM

**AGENDA**

1. Stake holders feedback review of previous year Value added courses
2. Identification of Value-added courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Value-added courses

**COMMITTEE MEMBERS:**

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	<i>P. Padmaa</i>
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	<i>Parthasarathy</i>
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	<i>Basavaraj</i>
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	<i>Sindhu</i>
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	<i>Gururaj</i>
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	<i>Jyoti</i>
7	Dr Sheshadri Shekar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	<i>Sheshadri</i>
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	<i>Nagalakshmi</i>
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	<i>Divya</i>
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	<i>SKM</i>
11	Mrs. Hyma Sara Varghese	Assistant. Professor	In-house teaching faculty	<i>Hyma Sara</i>
12	Mrs. Lavanya	Assistant. Professor	In-house teaching faculty	<i>Lavanya</i>





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>M/1/1/1/1/1</i>
----	-----------------------	---	--------	--------------------

Chairperson welcomed all members to the meeting.

**Agenda 1:** Stake holders feedback review of previous year Value added courses

The team of TOCP has presented the action taken report of previous meeting to the committee members. committee members suggested that all the ongoing activities should be completed in the defined timelines.

**Resolution:**

**The committee members approved the MOM and action taken report of previous minutes.**

**Agenda 2:** Identification of Value-added courses/content beyond programme in reference to stake holder's feedback

Chairperson discussed & presented the proposed Value-added course to the committee members.

- Total 10 Value added courses have been proposed, from all departments for the year 2019-2020.
- Syllabus of each course was represented and explained by In-house teaching faculty from each Department i.e. Pharmacology, Pharmaceutics, Pharmacognosy, Pharmaceutical Chemistry & Pharmacy Practice to the committee members.
- Utility & importance of each course was discussed & were finalized for implementation.
- Chairperson also allotted the students for each course instructed the faculty to concentrate the courses.

**Resolution:**

**The committee members approved all Value-added courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.**



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

After discussion and approval of all committee member following Value added courses are finalised for the year 2019-2020.

S.No.	Department	Name of Value-added Course
1	Department of Pharmacognosy	Course on HPTLC analysis in crude drugs
2	Department of Pharmacy Practice	Course on Phase IV pharmacovigilance
3	Department of Pharmacology	Course on Lead molecules in identification of cancer drugs
4	Department of Pharmacology	Course on Phases of clinical trials
5	Department of Pharmaceutics	Course on Hypothesis formulation of secondary data review
6	Department of Pharmaceutical chemistry	Course on Laminar air flow Techniques
7	Department of Pharmaceutical chemistry	Course on Molecular docking
8	Department of Pharmacology	Course on Toxicological approaches in clinical trials
9	Department of Pharmacognosy	Course on Nuances in Clinical Survey Report
10	Department of pharmacy practice	Course on ADR Reporting techniques

**Agenda 3:** Design of the session plan of Value-added courses

Chairperson suggested the Committee members and the course Co-ordinators to design the session plan for the conduction of Value-added courses.

**Resolution:**

**The committee members followed the instructions of the Chairperson and prepared the session plans of the Value-added courses.**

*P. Padma*

**PRINCIPAL**

The Oxford College Of Pharmacy,  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

**MINUTES OF MEETING**  
**&**  
**ACTION TAKEN REPORT 2019-2020**

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	16 <sup>th</sup> June 2019	19 <sup>th</sup> June 2019	Stake holders feedback review of previous year Value added course	The Committee members approved the MOM and action taken report of previous minutes.	MOM and the ATR of the previous year were approved by the committee members.
2	16 <sup>th</sup> June 2019	19 <sup>th</sup> June 2019	Identification of Value-added courses/content beyond programme in reference to stake holder's feedback	The committee members approved all 10 Value added courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.	Value added courses was finalized for each department for the upcoming academic year.
3	16 <sup>th</sup> June 2019	19 <sup>th</sup> June 2019	Design of the session plan of Value-added courses	The committee members followed the instructions of the Chairperson and prepared the session plans of the Value-added courses.	Course coordinators prepared the session plans of add on courses as suggested by the chairperson

  
**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

1. Chairman
2. Member Secretary
3. All HODs





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

RefNo: TOCP/ADMOM/2019-2020/02

2<sup>nd</sup> MARCH 2020

## CIRCULAR

This is to inform all Deans, HOD's and Committee members that a meeting is scheduled for value added courses on 06<sup>th</sup> March 2022 at 3.00 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review on progress of Value-Added course for academic year 2019-2020.
2. Review of feedback by stakeholders on Value-Added course for academic year 2019-2020.

Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**  
The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





**MINUTES OF MEETING ON VALUE ADDED COURSES**

Date: 06<sup>th</sup> March 2020

Time: 3.00 PM

**AGENDA**

1. Review on progress of Value-Added course for academic year 2019-20.
2. Review of feedback by stakeholders on Value-Added course for academic year 2019-20.

**COMMITTEE MEMBERS:**

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	<i>P. Paarakh</i>
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	<i>Parthasarathy</i>
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	<i>Basava</i>
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	<i>Sindhu</i>
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	<i>Gururaj</i>
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	<i>Jyoti</i>
7	Dr Sheshadri Shekar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	<i>Sheshadri</i>
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	<i>Gr</i>
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	<i>Divya</i>
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	<i>Surinder</i>
11	Mrs. Hyma Sara Varghese	Assistant. Professor	In-house teaching faculty	<i>Hyma Sara</i>
12	Mrs. Lavanya	Assistant. Professor	In-house teaching faculty	<i>Lavanya</i>
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	<i>Nikita</i>



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Chairperson welcomed all members to the meeting.

## Agenda 1:

### Review on progress of Value-Added course for academic year 2019-20

- The Value-Added course coordinators has presented the progress of ongoing courses to the committee members. Committee members considered all the ongoing activities and verified the content & structure of add-on courses.
- All 10 Value-Added course were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Utility & importance of each course was discussed & were found to be satisfactory.

## Resolution:

**The committee members analysed the progress of the program and suggestion from the committee members were followed by the course co-ordinators.**

## Agenda 2:

### Review of feedback by stakeholders on Value-Added course for academic year 2019-20.

- Chairperson presented a summarized report of feedback given by all the stake holders to the committee.
- All feedback from the Value-Added course were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Committee has gone through all the suggestions given by the stake holders. Following are the few points which was taken-up by the committee for improvisation of next year Value-Added course
  1. Inclusion of latest information relevant to the courses.
  2. Promote frequent interaction of alumni and college students for better understating of industrial requirements.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

The committee members considered the feedback suggestions for next year Value-Added course implementation. Status of the same should be presented in the upcoming meetings.

## Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL  
The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETINGS

&

## ACTION TAKEN REPORT 2019-2020

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	02/03/2020	06/03/2020	Review on progress of Value-Added course for academic year 2019-2020	<ul style="list-style-type: none"><li>The committee members analyzed the progress of the program.</li><li>Suggestion from the committee members were followed by the course coordinators.</li></ul>	The committee members appreciated the efforts of all 10 course coordinators and suggested that the implementation of these courses can be carried out for the next academic year too. MOM and ATR were approved by the committee members
2	02/03/2020	06/03/2020	Review of feedback by stakeholders for academic year 2019-2020.	<ul style="list-style-type: none"><li>Chairperson presented a summarized report of feedback given by all the stake holders to the committee.</li><li>Committee has gone through all the suggestions given by the stake holders. The committee members considered the feedback suggestions for next year Value-Added course implementation.</li></ul>	The committee members considered the feedback suggestions for next year Value-Added courses implementation. Status of the same should be presented in the upcoming meetings.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## COURSE ON MOLECULAR DOCKING

(Course Code: MDOC 2019-20)

### FEEDBACK QUESTIONNAIRE

NAME (IN CAPITAL LETTER): \_\_\_\_\_

CLASS AND YEAR: \_\_\_\_\_

E-MAIL ID: \_\_\_\_\_

1) Did the certificate course increased your knowledge and skills.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

2) The course was organised in a manner that helped me to understand the underlying concept.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

3) The lecture, tests and assignments complemented each other.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

4) I would highly recommend this course to other students.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

5) Overall, this course met my expectations for the quality of the course?

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree



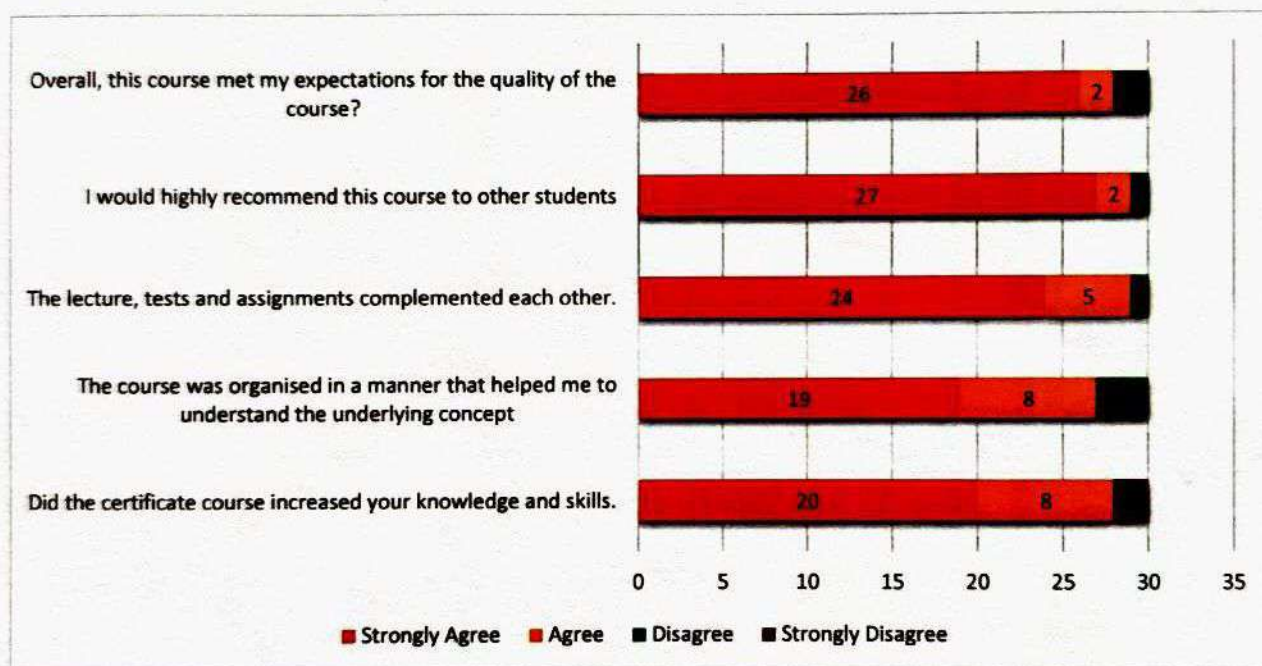
**COURSE ON MOLECULAR DOCKING**

**(Course Code: MDOC 2019-20)**

**FEEDBACK REPORT**

At the end of the valedictory function feedback was collected from the students electronically. The feedback was found satisfactory. The students responded very well and found the course to be very beneficial. The graphical representation of feedback are as follows with the detailed excel sheet of the feedback.

Graph 1: Student feedback



Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## RE-CONSTITUTION OF SYLLABUS FRAMING COMMITTEE

### FOR ADD-ON COURSE

#### PREAMBLE

In-order to bridge the industry & academia connect and also reference with suggestions received from curriculum feedback from the stake holders, The Oxford College of Pharmacy has decided to formulate a syllabus forming committee for framing syllabus for various add-on courses proposed for the academic year 2020-2021, so as to improve skill quotient of students.

The committee is as follows:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	shy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basu
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	GS
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	SI
7	Dr. S. Jai Kumar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	S. Jai
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	GN
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	DS
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	SK
11	Dr. Anjali Raj	Assistant. Professor	In-house teaching faculty	Anjali



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

12	Mrs. Seena Patel	Assistant. Professor	In-house teaching faculty	<i>Seena Patel</i>
13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>Wiktia</i>

\* The said committee will meet twice a year preferably one at the beginning of academic year and one at the end of academic year.

*P. Padma*

**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

- 1. Chairman**
- 2. Member secretary**
- 3. All HODs**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2020-2021/01

6<sup>th</sup> July 2020.

**CIRCULAR**

This is to inform all Deans, HOD's and all the committee members that a meeting is scheduled for Add-on courses on 8<sup>th</sup> July, 2020 at 12.30 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Stake holders feedback review of previous year Add-on courses
2. Identification of Add-on courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Add-on courses

*P. Padua*  
Chairperson

PRINCIPAL  
The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

1. Chairman
2. Member Secretary
3. All HODs





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**MINUTES OF MEETING ON ADD-ON COURSES**

Date: 8<sup>th</sup> July 2020

Time: 12.30 PM

**AGENDA**

1. Stake holders feedback review of previous year Add-on courses
2. Identification of Add-on courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Add-on courses

**COMMITTEE MEMBERS:**

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	<i>P. Padma</i>
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	<i>shy</i>
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	<i>Basa</i>
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	<i>Sindhu</i>
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	<i>Gururaj</i>
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	<i>Jyoti</i>
7	Dr. S. Jai Kumar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	<i>S. Jai Kumar</i>
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	<i>G</i>
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	<i>Divya</i>
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	<i>SKMS</i>
11	Dr. Anjali Raj	Assistant. Professor	In-house teaching faculty	<i>Anjali</i>
12	Mrs. Seena Patel	Assistant. Professor	In-house teaching faculty	<i>Seena Patel</i>



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	<i>Nikita</i>
----	-------------------	------------	-----------------------	---------------

Chairperson welcomed all members to the meeting.

**Agenda 1:** Stake holders feedback review of previous year Add-on courses

The team of TOCP has presented the action taken report of previous meeting to the committee members. committee members suggested that all the ongoing activities should be completed in the defined timelines.

**Resolution:**

**The committee members approved the MOM and action taken report of previous minutes.**

**Agenda 2:** Identification of Add-on courses/content beyond programme in reference to stake holder's feedback

Chairperson discussed & presented the proposed Add-On course to the committee members.

- Total 14 Add-On courses have been proposed, from all departments for the year 2020-2021.
- Syllabus of each course was represented and explained by In-house teaching faculty from each Department i.e. Pharmacology, Pharmaceutics, Pharmacognosy, Pharmaceutical Chemistry & Pharmacy Practice to the committee members.
- Utility & importance of each course was discussed & were finalized for implementation.
- Chairperson also allotted the students for each course instructed the faculty to concentrate the courses.

**Resolution:**

**The committee members approved all**

**Add-On courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.**

**After discussion and approval of all committee member following Add-On courses are finalised for the year 2020-2021.**





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S.No.	Department	Name of Add-On Course
1	Dept. of Pharmacology	Course on Preclinical screening models evaluation of various pharmacological activities
2	Dept. of Pharmacology	Course on Toxicological approaches on drug development
3	Dept. of Pharmaceutical chemistry	Course on Statistical Analysis
4	Dept. of Pharmaceutical chemistry	Course on ICH-GCP Guidelines
5	Dept. of Pharmacognosy	Course on Nutraceuticals and application for disease
6	Dept. of Pharmacognosy	Course on Covid and Herbs
7	Dept. of Pharmaceutics	Course on Nanotechnology in Pharmacy
8	Dept. of Pharmaceutics	Course on Skill development initiatives in Contract Research Organization
9	Dept. of Pharmacy Practice	Course on Medical Transcription
10	Dept. of Pharmacy Practice	Course on Awareness on Lexicomp on Drug-Drug interaction
11	Dept. of Pharmaceutics	Course on Statistical analysis on Research dissertation
12	Dept. of Pharmacy Practice	Course on Scientific inventory Management practice
13	Dept. of Pharmaceutical chemistry	Course on Computer Aided Drug Design
14	Dept. of Pharmacology	Course on Humanisation of Immunotherapeutics

**Agenda 3:** Design of the session plan of Add-on courses

Chairperson suggested the Committee members and the course Co-ordinators to design the session plan for the conduction of Add-on courses.

**Resolution:**

**The committee members followed the instructions of the Chairperson and prepared the session plans of the Addon courses.**

*P. Padma*

**PRINCIPAL**

The Oxford College Of Pharmacy  
10 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING & ACTION TAKEN REPORT 2020-2021

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	6 <sup>th</sup> July, 2020.	8 <sup>th</sup> July, 2020	Stake holders feedback review of previous year Add-on course	The Committee members approved the MOM and action taken report of previous minutes.	MOM and the ATR of the previous year were approved by the committee members.
2	6 <sup>th</sup> July, 2020.	8 <sup>th</sup> July, 2020	Identification of Add-on courses/content beyond programme in reference to stake holder's feedback	The committee members approved all 14 Add-On courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.	Add-On course was finalized for each department for the upcoming academic year.
3	6 <sup>th</sup> July, 2020.	8 <sup>th</sup> July, 2020	Design of the session plan of Add-on courses	The committee members followed the instructions of the Chairperson and prepared the session plans of the Add on courses.	Course coordinators prepared the session plans of add on courses as suggested by the chairperson

*P. Padma*  
Chairperson

Copy to:

1. Chairman
2. Member Secretary
3. All HODs

**PRINCIPAL**

The Oxford College Of Pharmacy  
619, 1st Cross, Begur Road, Hongasandra, tra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2020-2021/02

12<sup>th</sup> April 2021

## CIRCULAR

This is to inform all Deans, HOD's and Committee members that a meeting is scheduled for add-on courses on 19<sup>th</sup> April 2021 at 2.00 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review on progress of Add-on course for academic year 2020-21.
2. Review of feedback by stakeholders on Add-on course for academic year 2020-21.

### Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*

Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON ADD-ON COURSES

Date: 19<sup>th</sup> April 2021

Time: 2.00 PM

### AGENDA

1. Review on progress of Add-on course for academic year 2020-21.
2. Review of feedback by stakeholders on Add-on course for academic year 2020-21.

### COMMITTEE MEMBERS:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basava
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	
7	Dr. S. Jai Kumar	Prof & HOD Dept. of Pharmacology	In-house teaching faculty	S. Jai
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	G
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	
11	Dr. Anjali Raj	Assistant. Professor	In-house teaching faculty	Anjali
12	Mrs. Seena Patel	Assistant. Professor	In-house teaching faculty	Seena Patel
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	Nikita



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Chairperson welcomed all members to the meeting.

### Agenda 1:

#### Review on progress of Add-on course for academic year 2020-21

- The Add-on course coordinators has presented the progress of ongoing courses to the committee members. Committee members considered all the ongoing activities and verified the content & structure of add-on courses.
- All 14 Add-On courses were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Utility & importance of each course was discussed & were found to be satisfactory.

### Resolution:

The committee members analysed the progress of the program and suggestion from the committee members were followed by the course co-ordinators.

### Agenda 2:

#### Review of feedback by stakeholders on Add-on course for academic year 2020-21.

- Chairperson presented a summarized report of feedback given by all the stake holders to the committee.
- All feedback from the Add-On courses were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Committee has gone through all the suggestions given by the stake holders. Following are the few points which was taken-up by the committee for improvisation of next year add-on courses.
  1. Inclusion of latest information relevant to the courses.
  2. Promote frequent interaction of alumni and college students for better understating of industrial requirements.
  3. Provision of enough online /offline facilities to access study materials for teaching and learning.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETINGS & ACTION TAKEN REPORT 2020-2021

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	12/04/2021	19/04/2021	Review on progress of Add-on course for academic year 2020-21	<ul style="list-style-type: none"><li>The committee members analyzed the progress of the program.</li><li>Suggestion from the committee members were followed by the course coordinators.</li></ul>	The committee members appreciated the efforts of all 14 Add-On courses Coordinators and suggested that the implementation of these courses can be carried out for the next academic year too. MOM and ATR were approved by the committee members
2	12/04/2021	19/04/2021	Review of feedback by stakeholders for academic year 2020-21.	<ul style="list-style-type: none"><li>Chairperson presented a summarized report of feedback given by all the stake holders to the committee.</li><li>Committee has gone through all the suggestions given by the stake holders. The committee members considered the feedback suggestions for next year add-on courses implementation.</li></ul>	The committee members considered the feedback suggestions for next year add-on courses implementation. Status of the same should be presented in the upcoming meetings.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

The committee members considered the feedback suggestions for next year add-on courses implementation. Status of the same should be presented in the upcoming meetings.

Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

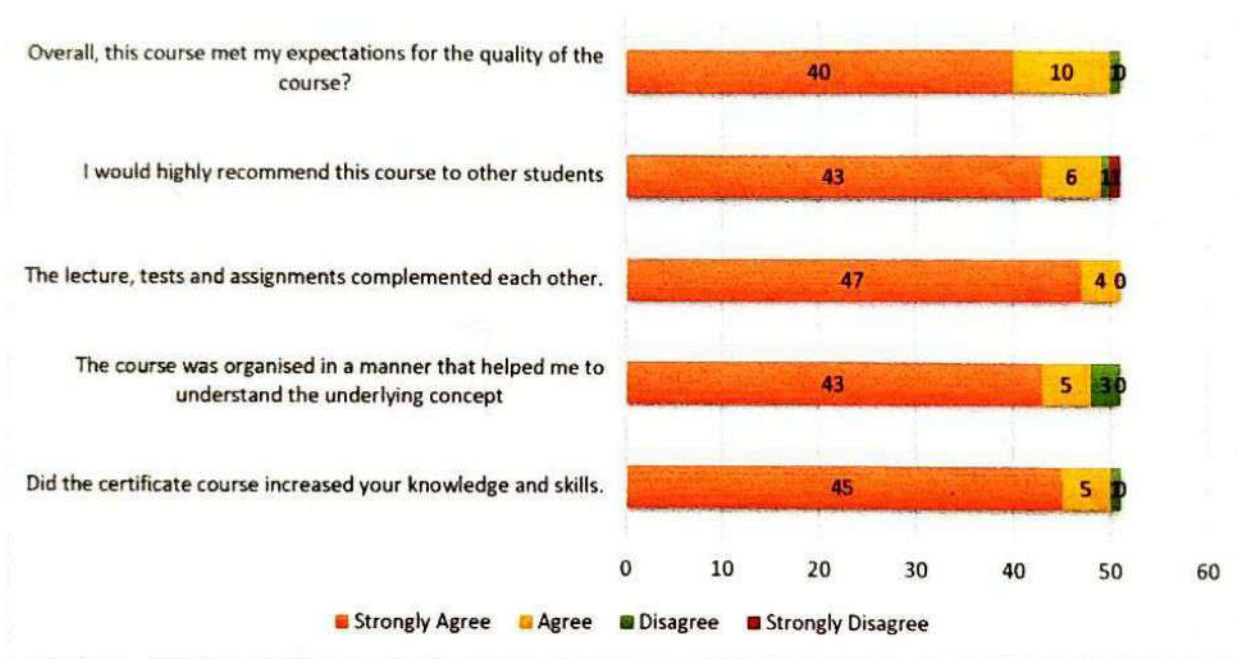
**COURSE ON MEDICAL TRANSCRIPTION**

**(Course Code: CMT 2020-21)**

**FEEDBACK REPORT**

At the end of the valedictory function feedback was collected from the students electronically. The feedback was found satisfactory. The students responded very well and found the course to be very beneficial. The graphical representation of feedback are as follows with the detailed excel sheet of the feedback.

Graph 1: Student feedback



Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**  
The Oxford College Of Pharmacy,  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## RE-CONSTITUTION OF SYLLABUS FRAMING COMMITTEE

### FOR ADD-ON COURSE

#### PREAMBLE

In-order to bridge the industry & academia connect and also reference with suggestions received from curriculum feedback from the stake holders, The Oxford College of Pharmacy has decided to formulate a syllabus forming committee for framing syllabus for various add-on courses proposed for the academic year 2021-22, so as to improve skill quotient of students.

The committee is as follows:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Jyoti
7	Dr. Noopur Srivastava	Associate Prof & Acting HOD Dept. of Pharmacology	In-house teaching faculty	Noopur
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder
11	Mrs. Keserla Bhavani	Assistant. Professor	In-house teaching faculty	K. Bhavani
12	Mrs. Suvarna Lakshmi	Assistant. Professor	In-house teaching faculty	G. Suvarna





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>Nikita</i>
----	-----------------------	---	--------	---------------

\* The said committee will meet twice a year preferably one at the beginning of academic year and one at the end of academic year.

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member secretary
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2021-2022/01

16<sup>th</sup> October, 2021.

**CIRCULAR**

This is to inform all Deans, HOD's and all the committee members that a meeting is scheduled for Add-on courses on 20<sup>th</sup> October, 2021 at 12.30 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Stake holders feedback review of previous year Add-on courses
2. Identification of Add-on courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Add-on courses

*P. Padma*

**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

1. **Chairman**
2. **Member Secretary**
3. **All HODs**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON ADD-ON COURSES

Date: 20<sup>th</sup> October 2021

Time: 12.30 PM

### AGENDA

1. Stake holders feedback review of previous year Add-on courses
2. Identification of Add-on courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Add-on courses

### COMMITTEE MEMBERS:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padmaa
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor	Domain expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate	Alumni representative	Sindhu
5	Dr. Gururaj s. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD dept. Of Pharmaceutical Chemistry	In-house teaching faculty	Jyoti
7	Dr. Noopur Srivastava	Asso. Prof & Acting HOD Dept. of Pharmacology	In-house teaching faculty	Noopur
8	Dr. Nagalakshmi G	Asso. Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Asst. Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Asst. Professor	In-house teaching faculty	Surinder
11	Mrs. Keserla Bhavani	Asst. Professor	In-house teaching faculty	K. Bhavani
12	Mrs. Suvarna Lakshmi	Asst. Professor	In-house teaching faculty	Suvarna
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	Nikita



# Children's Education Society (Regd.) The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Chairperson welcomed all members to the meeting.

**Agenda 1:** Stake holders feedback review of previous year Add-on courses

The team of TOCP has presented the action taken report of previous meeting to the committee members. committee members suggested that all the ongoing activities should be completed in the defined timelines.

### **Resolution:**

**The committee members approved the MOM and action taken report of previous minutes.**

**Agenda 2:** Identification of Add-on courses/content beyond programme in reference to stake holder's feedback

Chairperson discussed & presented the proposed Add-On course to the committee members.

- Total 25 Add-On courses have been proposed, 5 from each department for the year 2021-2022.
- Syllabus of each course was represented and explained by In-house teaching faculty from each Department i.e. Pharmacology, Pharmaceutics, Pharmacognosy, Pharmaceutical Chemistry & Pharmacy Practice to the committee members.
- Utility & importance of each course was discussed & were finalized for implementation.
- Chairperson also allotted the students for each course instructed the faculty to concentrate the courses.

### **Resolution:**

**The committee members approved all 25 Add-On courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.**

**After discussion and approval of all committee member following Add-On courses are finalised for the year 2021-2022.**





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S.No.	Department	Name of Add-On Course
1	Pharmaceutical chemistry	Course on Innovation in Green Chemistry
2	Pharmaceutical chemistry	Course on Applications of Molecular Docking in Pharmaceuticals
3	Pharmaceutical chemistry	Course on Applied Bioinformatics
4	Pharmaceutics	Course on Hands on training for drug dose fixing and drug administration
5	Pharmaceutics	Course on Regulatory for Medical Devices Requirements
6	Pharmaceutics	Course on Prescription Audit
7	Pharmacognosy	Course in HPTLC and HPLC analysis of crude drugs
8	Pharmacognosy	Course in Monograph analysis of crude drugs
9	Pharmacognosy	Course in Natural immunity boosting drugs as therapeutic interventions
10	Pharmacology	Course on In-Vitro Genotoxicity and Carcinogenicity studies
11	Pharmacology	Course on In-Vitro Mutagenicity and Teratogenicity activities
12	Pharmacology	Course on Production and processing of biomolecules
13	Pharmacy practice	Course on Medical Transcription of Cardiovascular and respiratory diseases
14	Pharmacy practice	Course on Rational use of antibiotics
15	Pharmacy practice	Course on Practice aspects and software used in medical transcription
16	Pharmaceutical chemistry	Course on Research Methodology and Intellectual Property Rights
17	Pharmaceutical chemistry	Course on Pharma Marketing
18	Pharmaceutics	Course on Polymers and its application in Pharmaceuticals
19	Pharmaceutics	Course on Knowledge Enrichment on unit processing of Capsules
20	Pharmacognosy	Course on Applications of Plant tissue culture
21	Pharmacognosy	Course on Bioassay guided isolation and evaluation of herbal drugs



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

22	Pharmacology	Course on Detection of infectious disease by microbial typing
23	Pharmacology	Course on In-Vivo Pharmacological studies using alternative animal models
24	Pharmacy practice	Course on Statistical analysis system in clinical research
25	Pharmacy practice	Course on Understanding clinical documents and SOAP analysis

### Agenda 3: Design of the session plan of Add-on courses

Chairperson suggested the Committee members and the course Co-ordinators to design the session plan for the conduction of Add-on courses.

### Resolution:

**The committee members followed the instructions of the Chairperson and prepared the session plans of the Addon courses.**

*P. Padua*

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**MINUTES OF MEETING  
&  
ACTION TAKEN REPORT 2021-2022**

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	16 <sup>th</sup> OCT, 2021	20 <sup>th</sup> OCT, 2021	Stake holders feedback review of previous year Addon course	The Committee members approved the MOM and action taken report of previous minutes.	MOM and the ATR of the previous year were approved by the committee members.
2	16 <sup>th</sup> OCT, 2021	20 <sup>th</sup> OCT, 2021	Identification of Add-on courses/content beyond programme in reference to stake holder's feedback	The committee members approved all 25 Add-On courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.	Add-On course was finalized for each department for the upcoming academic year.
3	16 <sup>th</sup> OCT, 2021	20 <sup>th</sup> OCT, 2021	Design of the session plan of Add-on courses	The committee members followed the instructions of the Chairperson and prepared the session plans of the Add on courses.	Course coordinators prepared the session plans of add on courses as suggested by the chairperson

*P. Padus*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

**Copy to:**

- 1. Chairman**
- 2. Member Secretary**
- 3. All HODs**



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2021-2022/02

4<sup>th</sup> June 2022

## CIRCULAR

This is to inform all Deans, HOD's and Committee members that a meeting is scheduled for add-on courses on 10<sup>th</sup> June 2022 at 2.00 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Review on progress of Add-on course for academic year 2021-22.
2. Review of feedback by stakeholders on Add-on course for academic year 2021-22.

Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padus*

Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
New: 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON ADD-ON COURSES

Date: 11<sup>th</sup> March 2022

Time: 2.00 PM

### AGENDA

1. Review on progress of Add-on course for academic year 2021-22.
2. Review of feedback by stakeholders on Add-on course for academic year 2021-22.

### COMMITTEE MEMBERS:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. of Pharmacy Practice	Member Secretary	
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Jyoti
7	Dr. Noopur Srivastava	Associate Prof & Acting HOD Dept. of Pharmacology	In-house teaching faculty	Noopur
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder
11	Mrs. Keserla Bhavani	Assistant. Professor	In-house teaching faculty	K. Bhavani
12	Mrs. Suvarna Lakshmi	Assistant. Professor	In-house teaching faculty	Suvarna
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	Nikita





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Chairperson welcomed all members to the meeting.

## Agenda 1:

### Review on progress of Add-on course for academic year 2021-22

- The Add-on course coordinators has presented the progress of ongoing courses to the committee members. Committee members considered all the ongoing activities and verified the content & structure of add-on courses.
- All 25 Add-On courses were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Utility & importance of each course was discussed & were found to be satisfactory.

## Resolution:

The committee members analysed the progress of the program and suggestion from the committee members were followed by the course co-ordinators.

## Agenda 2:

### Review of feedback by stakeholders on Add-on course for academic year 2021-22.

- Chairperson presented a summarized report of feedback given by all the stake holders to the committee.
- All feedback from the Add-On courses were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Committee has gone through all the suggestions given by the stake holders. Following are the few points which was taken-up by the committee for improvisation of next year add-on courses.
  1. Inclusion of latest information relevant to the courses.
  2. Promote frequent interaction of alumni and college students for better understating of industrial requirements.
  3. Provision of enough online /offline facilities to access study materials for teaching and learning.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

The committee members considered the feedback suggestions for next year add-on courses implementation. Status of the same should be presented in the upcoming meetings.

## Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 088



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETINGS

&

## ACTION TAKEN REPORT 2021-2022

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	04/06/2022	10/06/2022	Review on progress of Add-on course for academic year 2021-22	<ul style="list-style-type: none"><li>The committee members analyzed the progress of the program.</li><li>Suggestion from the committee members were followed by the course coordinators.</li></ul>	The committee members appreciated the efforts of all 25 Add-On courses Coordinators and suggested that the implementation of these courses can be carried out for the next academic year too. MOM and ATR were approved by the committee members
2	04/06/2022	10/06/2022	Review of feedback by stakeholders for academic year 2021-22.	<ul style="list-style-type: none"><li>Chairperson presented a summarized report of feedback given by all the stake holders to the committee.</li><li>Committee has gone through all the suggestions given by the stake holders. The committee members considered the feedback suggestions for next year add-on courses implementation.</li></ul>	The committee members considered the feedback suggestions for next year add-on courses implementation. Status of the same should be presented in the upcoming meetings.

*P. Padma*

PRINCIPAL

The Oxford College of Pharmacy



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068  
Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-22)

### FEEDBACK QUESTIONNAIRE

NAME (IN CAPITAL LETTER): \_\_\_\_\_

CLASS AND YEAR: \_\_\_\_\_

E-MAIL ID: \_\_\_\_\_

**1) Did the certificate course increased your knowledge and skills.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**2) The course was organised in a manner that helped me to understand the underlying concept.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**3) The lecture, tests and assignments complemented each other.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**4) I would highly recommend this course to other students.**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

**5) Overall, this course met my expectations for the quality of the course?**

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

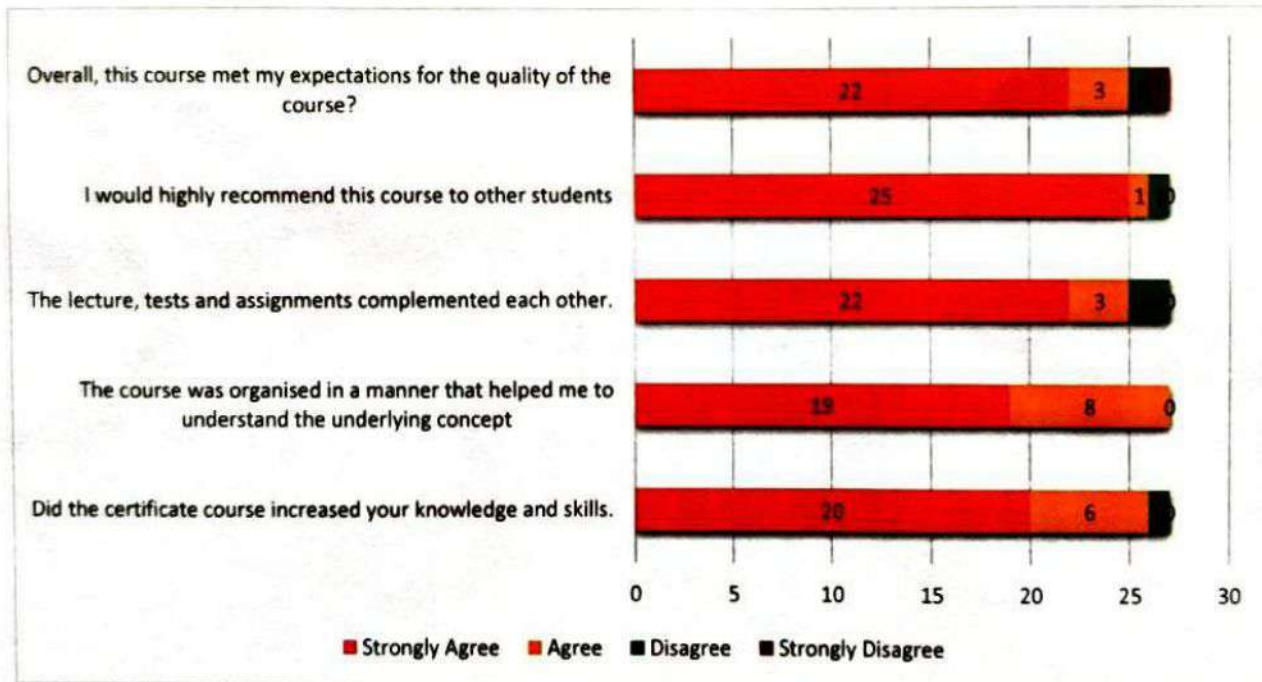
## COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-22)

### FEEDBACK REPORT

At the end of the valedictory function feedback was collected from the students electronically. The feedback was found satisfactory. The students responded very well and found the course to be very beneficial. The graphical representation of feedback are as follows with the detailed excel sheet of the feedback.

Graph 1: Student feedback



Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**RE-CONSTITUTION OF SYLLABUS FRAMING COMMITTEE**

**FOR ADD-ON COURSE**

**PREAMBLE**

In-order to bridge the industry & academia connect and also reference with suggestions received from curriculum feedback from the stake holders, The Oxford College of Pharmacy has decided to formulate a syllabus forming committee for framing syllabus for various add-on courses proposed for the academic year 2022-23, so as to improve skill quotient of students.

**The committee is as follows:**

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Jyoti
7	Dr. Noopur Srivastava	Associate Prof & Acting HOD Dept. of Pharmacology	In-house teaching faculty	Noopur
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder
11	Mrs. Keserla Bhavani	Assistant. Professor	In-house teaching faculty	K. Bhavani



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

12	Mrs. Suvarna Lakshmi	Assistant. Professor	In-house teaching faculty	<i>A. Suvarna</i>
13	Subject Matter Expert	Reputed Academician/ Researcher in the concerned area	Member	<i>M. K. ...</i>

\* The said committee will meet twice a year preferably one at the beginning of academic year and one at the end of academic year.

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member secretary
3. All HODs



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2022-2023/01

20<sup>th</sup> December, 2022.

## CIRCULAR

This is to inform all Deans, HOD's and all the committee members that a meeting is scheduled for Add-on courses on 29<sup>th</sup> December, 2022 at 12.30 PM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

## AGENDA

1. Stake holders feedback review of previous year Add-on courses
2. Identification of Add-on courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Add-on courses

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON ADD-ON COURSES

Date: 29<sup>th</sup> December, 2022

Time: 12.30 PM

### AGENDA

1. Stake holders feedback review of previous year Add-on courses
2. Identification of Add-on courses/content beyond programme in reference to stake holder's feedback
3. Design of the session plan of Add-on courses
4. **COMMITTEE MEMBERS:**

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padua
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor	Domain expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate	Alumni representative	Sindhu
5	Dr. Gururaj s. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD dept. Of Pharmaceutical Chemistry	In-house teaching faculty	Jyoti
7	Dr. Noopur Srivastava	Asso. Prof & Acting HOD Dept. of Pharmacology	In-house teaching faculty	Noopur
8	Dr. Nagalakshmi G	Asso. Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Asst. Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Asst. Professor	In-house teaching faculty	Surinder
11	Mrs. Keserla Bhavani	Asst. Professor	In-house teaching faculty	K. Bhavani
12	Mrs. Suvarna Lakshmi	Asst. Professor	In-house teaching faculty	G. Suvarna
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	Nikita

Chairperson welcomed all members to the meeting.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Agenda 1: Stake holders feedback review of previous year Add-on courses

The team of TOCP has presented the action taken report of previous meeting to the committee members. committee members suggested that all the ongoing activities should be completed in the defined timelines.

### Resolution:

**The committee members approved the MOM and action taken report of previous minutes.**

## Agenda 2: Identification of Add-on courses/content beyond programme in reference to stake holder's feedback

Chairperson discussed & presented the proposed Add-On course to the committee members.

- Total 25 Add-On courses have been proposed, 5 from each department for the year 2022-23.
- Syllabus of each course was represented and explained by In-house teaching faculty from each Department i.e. Pharmacology, Pharmaceutics, Pharmacognosy, Pharmaceutical Chemistry & Pharmacy Practice to the committee members.
- Utility & importance of each course was discussed & were finalized for implementation.
- Chairperson also allotted the students for each course instructed the faculty to concentrate the courses.

### Resolution:

**The committee members approved all 25 Add-On courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.**

**After discussion and approval of all committee member following Add-On courses are finalised for the year 2022-23**

S.No.	Department	Name of Add-On Course
1	Dept. of Pharmacognosy	Course in HPTLC, HPLC and GC analysis of crude drugs.
2	Dept. of Pharmacognosy	Course in Natural Immunity Boosting Drugs As Therapeutic Innervations
3	Dept. of Pharmacognosy	Course on Monograph Analysis of Crude Drug
4	Dept. of Pharmacognosy	Course on Bioassay Guided Isolation and Evaluation of Herbal drugs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

5	Dept. of Pharmacognosy	Course on Application of Plant Tissue Culture
6	Dept. of Pharmaceutical Chemistry	Course in Green Chemistry
7	Dept. of Pharmaceutical Chemistry	Course in Molecular Docking
8	Dept. of Pharmaceutical Chemistry	Course on Applied Bioinformatics
9	Dept. of Pharmaceutical Chemistry	Course on Pharma Marketing
10	Dept. of Pharmaceutical Chemistry	Course on Research & Review paper, Research Proposal Writing skill
11	Dept. of Pharmacology	Course on Invitro- Mutagenicity and Teratogenicity
12	Dept. of Pharmacology	Course on Cell Free Transcription & Translation
13	Dept. of Pharmacology	Course on Osteopharmacology
14	Dept. of Pharmacology	Course on Pharmacogenomics and genomics Data analysis
15	Dept. of Pharmacology	Course on Spectroscopic Methods for the Detection of Microbial Pathogens and Diagnostic Infectious diseases
16	Dept. of Pharmacy Practice	Course on Clinical Data Management
17	Dept. of Pharmacy Practice	Course on Understanding Clinical Documents & Software Used in Clinical Setting
18	Dept. of Pharmacy Practice	Course on First Aid & Emergency Care by Pharmacist
19	Dept. of Pharmacy Practice	Course on Basic Terminology in Pharmacovigilance
20	Dept. of Pharmacy Practice	Course on Prescription Handling Management & Analysis of Prescription
21	Dept. of Pharmaceutics	Course on Medications You Need To Know
22	Dept. of Pharmaceutics	Course on Food Regulations
23	Dept. of Pharmaceutics	Course on Medical Devices
24	Dept. of Pharmaceutics	Course on Polymers & Its Significance in Noval Drug Delivery System
25	Dept. of Pharmaceutics	Course on Knowledge Enrichment On Unit Processing of Tablets

### Agenda 3: Design of the session plan of Add-on courses

Chairperson suggested the Committee members and the course Co-ordinators to design the session plan for the conduction of Add-on courses.

### Resolution:

The committee members followed the instructions of the Chairperson and prepared the session plans of the Addon courses.

*P. Padma*  
PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING

&

## ACTION TAKEN REPORT 2022-2023

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	20 <sup>th</sup> Dec, 2022	29 <sup>th</sup> Dec, 2022	Stake holders feedback review of previous year Add-on course	The Committee members approved the MOM and action taken report of previous minutes.	MOM and the ATR of the previous year were approved by the committee members.
2	20 <sup>th</sup> Dec, 2022	29 <sup>th</sup> Dec, 2022	Identification of Add-on courses/content beyond programme in reference to stake holder's feedback	The committee members approved all 25 Add-On courses & Plans of actions and suggested that the implementation status of the same should be presented in the upcoming meetings.	Add-On course was finalized for each department for the upcoming academic year.
3	20 <sup>th</sup> Dec, 2022	29 <sup>th</sup> Dec, 2022	Design of the session plan of Add-on courses	The committee members followed the instructions of the Chairperson and prepared the session plans of the Add on courses.	Course coordinators prepared the session plans of add on courses as suggested by the chairperson

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068

Copy to:

1. Chairman
2. Member Secretary
3. All HODs



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Ref No: TOCP/ADMOM/2022-2023/02

08<sup>th</sup> September 2023

**CIRCULAR**

This is to inform all Deans, HOD's and Committee members that a meeting is scheduled for add-on courses on 11<sup>th</sup> September 2023 at 11.00 AM in the Board Room, The Oxford College of Pharmacy, Bangalore. All are requested to attend the meeting on time.

**AGENDA**

1. Review on progress of Add-on course for academic year 2022-23.
2. Review of feedback by stakeholders on Add-on course for academic year 2022-23.

Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

PRINCIPAL

The Oxford College Of Pharmacy  
16/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETING ON ADD-ON COURSES

Date: 11<sup>th</sup> September 2023

Time: 11.00 AM

### AGENDA

1. Review on progress of Add-on course for academic year 2022-2023.
2. Review of feedback by stakeholders on Add-on course for academic year 2022-2023.

### COMMITTEE MEMBERS:

S.No.	Name of the Member	Designation	Role in Committee	Signature
1	Dr. Padmaa M. Paarakh	Principal	Chairperson	P. Padma
2	Dr. Parthasarathy G	Prof & HOD Dept. Of Pharmacy Practice	Member Secretary	Parthasarathy
3	Dr. B. Basavaraj	Associate Professor, NITTE College of Pharmacy, Bangalore	Domain Expert	Basavaraj
4	Ms. Sindhu G D	Senior Associate R&D Department Mylan Pharma.	Alumni Representative	Sindhu
5	Dr. Gururaj S. Kulkarni	Prof & HOD Dept. of Pharmaceutics	NAAC- Coordinator	Gururaj
6	Dr. Jyoti Shrivastava	Prof & HOD Dept. of Pharmaceutical chemistry	In-house teaching faculty	Jyoti
7	Dr. Noopur Srivastava	Associate Prof & Acting HOD Dept. of Pharmacology	In-house teaching faculty	Noopur Srivastava
8	Dr. Nagalakshmi G	Associate Professor	In-house teaching faculty	Nagalakshmi
9	Mrs. Divya S Kumar	Assistant Professor	In-house teaching faculty	Divya
10	Mrs. Surinder Kaur	Assistant. Professor	In-house teaching faculty	Surinder Kaur
11	Mrs. Keserla Bhavani	Assistant. Professor	In-house teaching faculty	K. Bhavani
12	Mrs. Suvarna Lakshmi	Assistant. Professor	In-house teaching faculty	A. Suvarna
13	Mrs. Nikita Ingle	HR & Admin	Subject Matter Expert	Nikita



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Chairperson welcomed all members to the meeting.

## Agenda 1:

### Review on progress of Add-on course for academic year 2022-2023

- The Add-on course coordinators has presented the progress of ongoing courses to the committee members. Committee members considered all the ongoing activities and verified the content & structure of add-on courses.
- All 25 Add-On courses were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Utility & importance of each course was discussed & were found to be satisfactory.

## Resolution:

**The committee members analysed the progress of the program and suggestion from the committee members were followed by the course co-ordinators.**

## Agenda 2:

### Review of feedback by stakeholders on Add-on course for academic year 2022-23.

- Chairperson presented a summarized report of feedback given by all the stake holders to the committee.
- All feedback from the Add-On courses were analyzed by the experts for its completion and effectiveness for the development of skills in students.
- Committee has gone through all the suggestions given by the stake holders. Following are the few points which was taken-up by the committee for improvisation of next year add-on courses.

1. Inclusion of latest information relevant to the courses.
2. Promote frequent interaction of alumni and college students for better understating of industrial requirements.
3. Provision of enough online /offline facilities to access study materials for teaching and learning.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Resolution:

The committee members considered the feedback suggestions for next year add-on courses implementation. Status of the same should be presented in the upcoming meetings.

## Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padmas*

**Chairperson**

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## MINUTES OF MEETINGS & ACTION TAKEN REPORT 2022-2023

S. No	Date of Circular	Date of Meeting	Agenda	Resolution	Action taken
1	08/09/2023	11/09/2023	Review on progress of Add-on course for academic year 2022-2023	<ul style="list-style-type: none"><li>The committee members analyzed the progress of the program.</li><li>Suggestion from the committee members were followed by the course coordinators.</li></ul>	The committee members appreciated the efforts of all 25 Add-On courses Coordinators and suggested that the implementation of these courses can be carried out for the next academic year too. MOM and ATR were approved by the committee members
2	08/09/2023	11/09/2023	Review of feedback by stakeholders on Add-on course for academic year 2022-23.	<ul style="list-style-type: none"><li>Chairperson presented a summarized report of feedback given by all the stake holders to the committee.</li><li>Committee has gone through all the suggestions given by the stake holders. The committee members considered the feedback suggestions for next year add-on courses implementation.</li></ul>	The committee members considered the feedback suggestions for next year add-on courses implementation. Status of the same should be presented in the upcoming meetings.

*P. Padma*  
PRINCIPAL





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## COURSE IN GREEN CHEMISTRY

(Course Code: GRCH 2022-23)

### FEEDBACK QUESTIONNAIRE

NAME (IN CAPITAL LETTER): \_\_\_\_\_

CLASS AND YEAR: \_\_\_\_\_

E-MAIL ID: \_\_\_\_\_

1) Did the certificate course increased your knowledge and skills.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

2) The course was organised in a manner that helped me to understand the underlying concept.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

3) The lecture, tests and assignments complemented each other.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

4) I would highly recommend this course to other students.

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree

5) Overall, this course met my expectations for the quality of the course?

- Strongly Agree  
 Agree  
 Disagree  
 Strongly Disagree





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

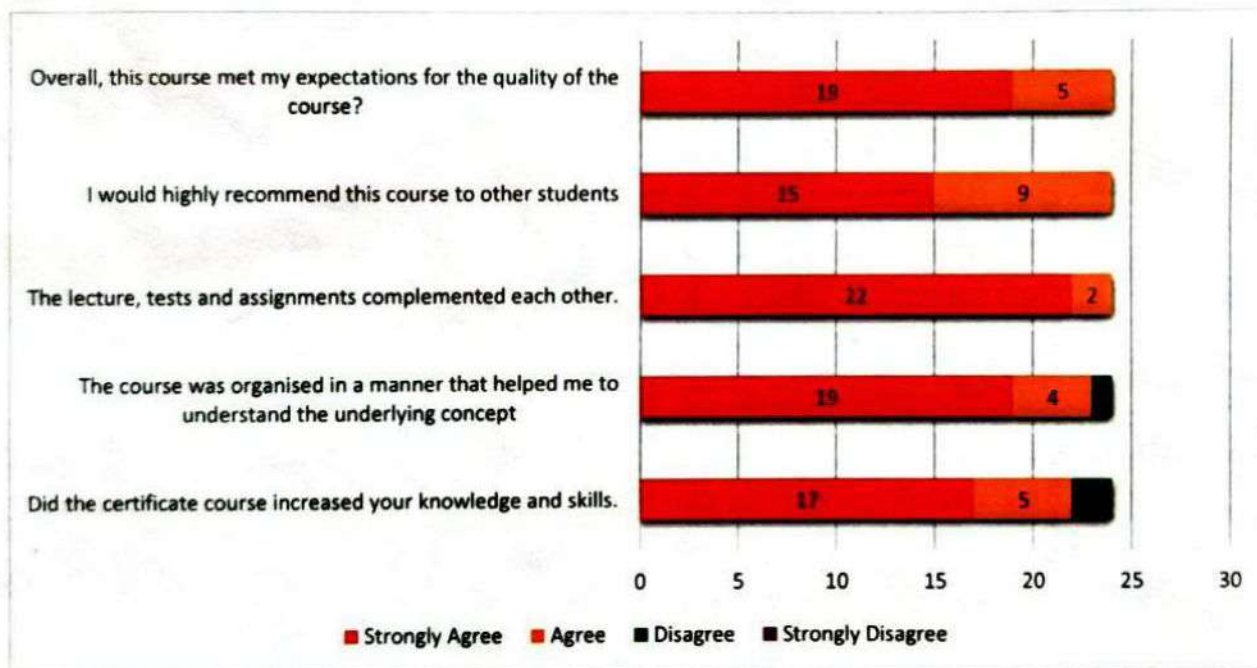
**COURSE IN GREEN CHEMISTRY**

**(Course Code: GRCH 2022-23)**

**FEEDBACK REPORT**

At the end of the valedictory function feedback was collected from the students electronically. The feedback was found satisfactory. The students responded very well and found the course to be very beneficial. The graphical representation of feedback are as follows with the detailed excel sheet of the feedback.

Graph 1: Student feedback



Copy to:

1. Chairman
2. Member Secretary
3. All HODs

*P. Padma*  
Chairperson

**PRINCIPAL**

The Oxford College Of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2022-2023

Subject Code: PHAD2CO2Th

Subject name: PHARMACEUTICAL ANALYSIS

Course: III PharmD [RS2]

Total hours: 75 Hours

Section: Theory

Theory Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology, and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and to pursue higher studies.
- To provide upto date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

### Course Outcomes:

CO1	To understand about various chromatographic techniques
CO2	To understand about various electrochemical methods
CO3	To understand about various spectroscopy.
CO4	To gain knowledge about quality assurance

SL NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>I SESSIONAL (25 hrs)</b>					
1	<b>Quality Assurance:</b> Introduction, sources and control of quality variation, Concept of statistical quality control	4 hrs	1	4	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	Validation methods		1	4	
	GLP, ISO9000, Total quality management		1	4	
	Harmonization-guidelines and Regulatory control		1	4	
2	<b>Chromatography</b>	21 hrs			1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	<b>Column chromatography:</b> Adsorption column chromatography, operational technique		1	1	
	Frontal analysis and elution analysis		1	1	
	Factors affecting column efficiency Application and partition chromatography		1	1	
	<b>TLC:</b> Introduction, principle, techniques		1	1	
	R <sub>f</sub> value and applications.		1	1	
	<b>PC:</b> Introduction, principle, types of paper chromatography, Preparation and development techniques, applications		1	1	
<b>Ion-exchange chromatography:</b> Introduction, Principles, types of ions exchange resins, physical properties	1	1			

P. Padu





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Factors affecting on exchange, methodology and applications		1	1	
	<b>HPLC:</b> Introduction, theory		1	1	
	Instrumentation and applications		1	1	
	<b>HPTLC:</b> Introduction, theory		1	1	
	Instrumentation and applications.		1	1	
	<b>GC:</b> Introduction, theory		1	1	
	Instrumentation-Carrier gases, Tpes of columns, Stationary phases in GLC and GSC,		1	1	
	Detectors-Flame ionization detector, electron capture detector		1	1	
	thermal conductivity detector, typical gas chromatogram		1	1	
	Derivatization techniques, programmed temperature gas chromatography, applications.		1	1	
	<b>Electrophoresis:</b> Principles of separation, equipment for paper		1	1	
	Gel electrophoresis and application		1	1	
	<b>Gel filtration and affinity chromatography:</b> Introduction, technique,		1	1	
	Applications		1	1	
<b>II SESSIONAL (25hrs)</b>					
3	<b>Electrometric Methods</b>	15	1	2	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	<b>Potentiometry:</b> Electrical potential, electrochemical cell, types of electrodes				
	Measurement of potential and pH				
	Construction and working of electrodes				
	Potentiometric titrations				
	Methods of detecting end point, Karl Fischer titration.				
	<b>Conductometry:</b> Introduction, conductivity cell				
	Conductometric titrations				
	Applications				
	<b>Polarography:</b> Instrumentation, DME, residual current, diffusion current and limiting current,				
	Polarographic wave, Ilkovic's equation, Effect of oxygen on Polarographic wave				
	Polarographic maxima and suppressors and applications.				
	<b>Amperometric Titrations:</b> Introduction, types of electrodes used				
	Reference and indicator electrode				
Instrumentation					
Titration procedure, advantages, and disadvantages. Pharma applications					
4	<b>Spectroscopy</b>	10	1	3	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content
	<b>Absorption Spectroscopy:</b> Theory of electronic, atomic and molecular spectra. Fundamental laws of photometry				





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Beer-Lambert's Law, application, deviation, limitation.		1	3	5)ICT 6)LMS 7)MOOCs/Swayam
Application of the law to single component analysis		1	3	
Application of multiple component analysis.		1	3	
Measurement of equilibrium constant and rate constant by spectroscopy		1	3	
Spectra of isolated chromophores, auxochromes, bathochromic shift, hypsochromic shift, hyperchromic and hypochromic effect		1	3	
Effect of solvent on absorption spectra		1	3	
Molecular structure and infrared spectra		1	3	
<b>Instrumentation:</b> Photometer, U.V.-Visible spectrophotometer – sources of U.V-Vis radiations, collimating systems		1	3	
<b>III SESSIONAL (25 hrs)</b>				
Monochromators, sample cells, Photocell, Barrier layer cell,	25 hrs	1	3	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
Phototube, Diode array, applications		1	3	
Spectrophotometric titrations		1	3	
<b>Infrared Spectroscopy:</b> Vibrational transitions, frequency – structure correlations, Infrared absorption bands		1	3	
Instrumentation–IR Spectro- meter – sources of IR, Collimating systems, monochromators, sample cells,		1	3	
Sample handling in IR spectroscopy		1	3	
Detectors: Thermocouple, golay cells, thermistor, bolometer, pyroelectric		1	3	
Applications of IR in pharmacy		1	3	
<b>Fluorimetric Analysis:</b> Theory, luminescence, factors affecting fluorescence		1	3	
Quenching, Instrumentation, Applications		1	3	
Fluorescent indicators, study of pharmaceutically important compounds estimated by fluorimetry		1	3	
<b>Flame Photometry:</b> Theory, nebulisation, flame and flame temperature		1	3	
Interferences, flame spectrometric techniques		1	3	
Instrumentation and pharmaceutical applications.		1	3	
<b>Atomic Absorption Spectrometry:</b> Introduction, Theory, types of electrodes		1	3	
Instrumentation and applications		1	3	
<b>Atomic Emission Spectroscopy:</b> Spectroscopic sources, atomic emission spectrometers		1	3	
Photographic and photoelectric detection		1	3	
<b>NMR &amp; ESR (introduction only):</b> Introduction, theoretical aspects and applications.		1	3	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Mass Spectroscopy: (Introduction only) – Fragmentation, types of ions produced mass spectrum and applications.	1	3
Polarimetry: (Introduction only) – Introduction to optical rotatory dispersion, circular dichroism, polarimeter.	1	3
X-RAY Diffraction: (Introduction only) – Theory, reciprocal lattice concept	1	3
Diffraction patterns and applications.	1	3
Thermal Analysis: Introduction, instrumentation, applications of DSC	1	3
Instrumentation, applications of DTA.	1	3

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

## References:

- 1) Pharm Analysis by Skoog and West, Sounders Manipal College Publishing.
- 2) Textbook of Pharm. Analysis (Practical) by Beckett & Stenlake, CBS Publishers, Delhi.
- 3) Spectroscopy by Silverstein, John & Wiley & Sons. Inc., Canada & Singapore.
- 4) The Science & Practice of Pharmacy by Remington Vol -I & II, Mack Publishing Co. Pennsylvania.
- 5) TLC by Stahl, Spring Verlay.
- 6) Text Book of Pharm. Chemistry by Chatten, CBS Publications.

*S. Vishay*  
Faculty In charge

*[Signature]*  
HOD

*[Signature]*  
Dean Academics

*P. Padma*  
PRINCIPAL



**PLAN OF STUDY**

Academic year: 2022-2023

Subject Code: PHAD2CO2 Pr

Subject name: PHARMACEUTICAL ANALYSIS

Course: III PHARMD [RS2]

Total hours: 75 Hours

Section: Practical

Practical Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology, and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

**Course Outcomes:**

CO1	To understand about various chromatographic techniques
CO2	To understand about various methods of spectroscopy and colorimetric analysis
CO3	To carry out various titration methods.
CO4	To Know various physical constants and their effects.

Sl. NO	Topic	Prescribed hrs	Break Up hrs	Methodology
<b>I SESSIONAL</b>				
1.	Separation and identification of Amino Acids by Paper Chromatography	3	3	Chalk Board  Demonstration  Instrumentation Handling
2.	Separation and identification of Sulpha drugs by TLC technique.	3	3	
3.	Effect of pH and solvent on the UV spectrum of given compound.	3	3	
4.	Colourimetric estimation of Sulpha drugs using BMR reagent.	3	3	
5.	Demonstration of HPLC	3	3	
6.	Demonstration of HPTLC.	3	3	
7.	Demonstration of GC-MS.	3	3	
<b>II SESSIONAL</b>				
8.	Comparison of the UV spectrum of a compound with that of its derivatives.	3	3	Chalk Board
9.	Determination of dissociation constant of indicators using UV-Visible spectroscopy.	3	3	Demonstration
10.	Conductometric titration of mixture of acids with a strong base.	3	3	Instrumentation Handling
11.	Potentiometric titration of an acid with a strong base.	3	3	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

12.	Estimation of drugs by Fluorimetric technique.	3	3	
13.	Study of quenching effect in fluorimetry.	3	3	
14.	Determination of pKa using pH meter.	3	3	
III SESSIONAL				
15.	Simultaneous estimation of two drugs presents in given formulation.	3	3	Chalk Board Demonstration Instrumentation Handling
16.	Assay of Salicylic Acid by colorimetry.	3	3	
17.	Determination of Chlorides and Sulphates in Calcium gluconate by Nepheloturbidimetry Method.	3	3	
18.	Determination of Na/K by Flame Photometry.	3	3	
19.	Determination of specific rotation	3	3	
20.	Comparison of the IR spectrum of a compound with that of its derivatives.	3	3	
21.	Demonstration of DSC.	3	3	
22.	Interpretation of NMR spectra of any one compound.	3	3	

  
Faculty Incharge

  
Dean Academics

  
HOD

  
Principal

  
P. Padma





Plan of Study

Academic year: 2022-23

Subject code: BP203T

Subject name: BIOCHEMISTRY

Theory Course Objectives: The objective of this course is to

Course: II<sup>nd</sup> Sem B Pharm

Total hours: 45 hours

Section: Theory

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

**Course Outcomes:**

CO1—To understand the catalytic role of enzymes, importance of enzyme inhibitor, therapeutic & diagnostic application of enzyme

CO2—To understand metabolism of nutrient molecule in physiological & pathological condition

CO3—To understand the genetic organization mammalian genome and function of DNA

CO4—To know about bioenergetics & energy rich compounds

S.N O	Topic	Prescribe d hours	Break Up hours	CO	Methodology
<b>1 SESSIONAL (23 Hrs)</b>					
1	<b>Biomolecules &amp; Bioenergetics</b>	8 hrs	1	4	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Introduction, classification, chemical nature biomolecules		1	4	
	Biological role of carbohydrate, lipids		1	4	
	Nucleic acids, Amino acids		1	4	
	Proteins		1	4	
	Concept of free energy, endergonic and exergonic reaction		1	4	
	Relationship between free energy, enthalpy, and entropy; Redox potential		1	4	
	Energy rich compounds; classification;		1	4	
	Biological significance of ATP and cyclic AMP		1	4	
2	<b>Carbohydrate metabolism</b>	10 hrs	1	2	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Glycolysis - Pathway, energetics, significance		1	2	
	Citric acid cycle- Pathway, energetics, significance		1	2	
	HMP shunt and its significance, G6PD Deficiency		1	2	
	Glycogen metabolism Pathways and glycogen storage diseases (GSD)		1	2	

**PRINCIPAL**





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Gluconeogenesis- Pathway and its significance			1	2	
	Hormonal regulation of blood glucose level and Diabetes mellitus		1	2	
	Biological oxidation: Electron transport chain (ETC) and its mechanism.		1	2	
	Oxidative phosphorylation & its mechanism		1	2	
	Substrate level phosphorylation		1	2	
	Inhibitors ETC and oxidative phosphorylation/ Uncoupler		1	2	
3	<b>Lipid &amp; Amino acid metabolism</b>	10 hrs	1	2	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	$\beta$ -Oxidation of saturated fatty acid (Palmitic acid)				
	Formation and utilization of ketone bodies; ketoacidosis.		1	2	
	De novo synthesis of fatty acids (Palmitic acid)		1	2	
	Biological significance of cholesterol and conversion of cholesterol into bile acids, steroid hormone, vitamin D		1	2	
	Disorders of lipid metabolism: Hypercholesterolemia, atherosclerosis, fatty liver and obesity		1	2	
II SESSIONAL (22 Hrs)					
	General reactions of amino acid metabolism: Transamination, deamination & decarboxylation,		1	2	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	urea cycle and its disorders		1	2	
	Catabolism of phenylalanine and tyrosine and their metabolic disorders		1	2	
	Synthesis and significance of biological substances; 5-HT, melatonin, dopamine, noradrenaline, adrenaline		1	2	
	Catabolism of heme; hyperbilirubinemia and jaundice		1	2	
4	<b>a) Nucleic acid metabolism</b>	4 hrs	1	2	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Biosynthesis of purine nucleotides				
	Biosynthesis of pyrimidine nucleotides		1	2	
	Catabolism of purine nucleotides		1	2	
	Hyperuricemia and Gout disease		1	2	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	<b>b) Genetic information transfer</b>	6 hrs	1	3	
	Organization of mammalian genome				
	Structure of DNA and RNA and their functions		1	3	
	DNA replication (semiconservative model)		1	3	
	Transcription or RNA synthesis Genetic code.		1	3	
	Translation or Protein synthesis and inhibitors		1	3	
	Genetic code, inhibitors		1	3	
5	<b>Enzymes</b>	7 hrs	1	1	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e-content 5. ICT 6. LMS 7. MOOCs/Swayam
	Introduction, properties, nomenclature and IUB classification of enzymes				
	Enzyme kinetics (Michaelis plot)		1	1	
	Line Weaver Burk plot		1	1	
	Enzyme inhibitors with examples		1	1	
	Regulation of enzymes: enzyme induction and repression, allosteric enzymes regulation		1	1	
	Therapeutic and diagnostic applications of enzymes		1	1	
	Isoenzymes, Coenzymes - Structure and biochemical functions		1	1	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

### References:

1. Principles of Biochemistry by Lehninger.
2. Harper's Biochemistry by Robert K. Murry, Daryl K. Granner and Victor W. Rodwell.
3. Biochemistry by Stryer.
4. Biochemistry by D. Satyanarayan and U. Chakrapani
5. Textbook of Biochemistry by Rama Rao.
6. Textbook of Biochemistry by Deb.
7. Outlines of Biochemistry by Conn and Stumpf

*S. Vidya*  
Faculty Incharge

*Shree*  
Dean Academics

HOD *[Signature]*

*P. Padma*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

11	Determination of Salivary amylase activity	4	4	
12	Study the effect of substrate concentration on salivary amylase activity	4	4	

*S. Vishnu*  
Faculty Incharge

*[Signature]*  
Dean Academics

*[Signature]*  
HOD

*P. Padma*  
Principal

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

*P. Padma*  
**PRINCIPAL**  
The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23

Subject Code: PHAD2CO2Th

Subject name: Pharmaceutical Analysis

Course: III Pharm D [RS2]

Total hours: 75 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	4 Hrs	27-12-2022	1.30-2.20	Quality Assurance	Introduction, sources and control of quality variation, Concept of statistical quality control	
		28-12-2022	9.00-9.50	Quality Assurance	Validation methods	
		30-12-2022	9.50-10.40	Quality Assurance	GLP, ISO9000, Total quality management	
		3-1-2023	1.30-2.20	Quality Assurance	Harmonization-guidelines and Regulatory control	class conducted as per plan
2	21 Hrs	4-1-2023	9.00-9.50	Chromatography	<b>Column chromatography:</b> Adsorption column chromatography, operational technique	
		6-1-2023	9.50-10.40	Chromatography	Frontal analysis and elution analysis	
		10-1-2023	1.30-2.20	Chromatography	Factors affecting column efficiency Application and partition chromatography	
		11-1-2023	9.00-9.50	Chromatography	<b>TLC:</b> Introduction, principle, techniques	
		13-1-2023	9.50-10.40	Chromatography	R <sub>f</sub> value and applications.	
		20-1-2023	11.00-11.50	Chromatography	<b>PC:</b> Introduction, principle, types of paper chromatography, Preparation and development techniques, applications	
		27-1-2023	11.00-11.50	Chromatography	<b>Ion-exchange chromatography:</b> Introduction, Principles, types of ions exchange resins, physical properties	
		31-1-2023	1.30-2.20	Chromatography	Factors affecting ion exchange, methodology and applications	
		1-2-2023	9.00-9.50	Chromatography	<b>HPLC:</b> Introduction, theory	
		3-2-2023	11.00-11.50	Chromatography	Instrumentation and applications	
		7-2-2023	1.30-2.20	Chromatography	<b>HP TLC:</b> Introduction, theory	
		8-2-2023	9.00-9.50	Chromatography	Instrumentation and applications.	
		10-2-2023	11.00-11.50	Chromatography	<b>GC:</b> Introduction, theory	
14-2-2023	1.30-2.20	Chromatography	Instrumentation-Carrier gases, Types of columns, Stationary phases in GLC and GSC,			



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		15-2-2023	9.00-9.50	Chromatography	Detectors-Flame ionization detector, electron capture detector	
		17-2-2023	11.00-11.50	Chromatography	thermal conductivity detector, typical gas chromatogram	
		21-2-2023	1.30-2.20	Chromatography	Derivatization techniques, programmed temperature gas chromatography, applications.	
		22-2-2023	9.00-9.50	Chromatography	<b>Electrophoresis:</b> Principles of separation, equipment for paper	
		24-2-2023	9.50-10.40	Chromatography	Gel electrophoresis and application	
		28-2-2023	1.30-2.20	Chromatography	<b>Gel filtration and affinity chromatography:</b> Introduction, technique,	<i>Class conducted As per plan 87</i>
		1-3-2023	9.00-9.50	Chromatography	Applications	
3	15 Hrs	3-3-2023	9.50-10.40	Electrometric methods	<b>Potentiometry:</b> Electrical potential, electrochemical cell, types of electrodes	
		7-3-2023	1.30-2.20	Electrometric methods	Measurement of potential and pH	
		5-4-2023	9.00-9.50	Electrometric methods	Construction and working of electrodes	
		11-4-2023	1.30-2.20	Electrometric methods	Potentiometric titrations	
		11-4-2023	3.10-4.00	Electrometric methods	Methods of detecting end point, Karl Fischer titration.	
		12-4-2023	9.00-9.50	Electrometric methods	<b>Conductometry:</b> Introduction, conductivity cell	
		18-4-2023	1.30-2.20	Electrometric methods	Conductometric titrations	
		18-4-2023	3.10-4.00	Electrometric methods	Applications	
		19-4-2023	9.00-9.50	Electrometric methods	<b>Polarography:</b> Instrumentation, DME, residual current, diffusion current and limiting current,	
		25-4-2023	1.30-2.20	Electrometric methods	Polarographic wave, Ilkovic's equation, Effect of oxygen on Polarographic wave	
		25-4-2023	3.10-4.00	Electrometric methods	Polarographic maxima and suppressors and applications.	
		26-4-2023	9.00-9.50	Electrometric methods	<b>Amperometric Titrations:</b> Introduction, types of electrodes used	
		3-5-2023	9.00-9.50	Electrometric methods	Reference and indicator electrode	
		9-5-2023	1.30-2.20	Electrometric methods	Instrumentation	
		16-5-2023	1.30-2.20	Electrometric methods	Titration procedure, advantages, and disadvantages. Pharma applications	<i>As per plan 87</i>
4	35 Hrs	16-5-2023	3.10-4.00	Spectroscopy	<b>Absorption Spectroscopy:</b> Theory of electronic, atomic and molecular spectra.	
		17-5-2023	9.00-9.50	Spectroscopy	Fundamental laws of photometry	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

23-5-2023	1.30-2.20	Spectroscopy	Beer-Lambert's Law, application, deviation, limitation.	
23-5-2023	3.10-4.00	Spectroscopy	Application of the law to single component analysis	
24-5-2023	9.00-9.50	Spectroscopy	Application of multiple component analysis.	
30-5-2023	1.30-2.20	Spectroscopy	Measurement of equilibrium constant and rate constant by spectroscopy	
30-5-2023	3.10-4.00	Spectroscopy	Spectra of isolated chromophores, auxochromes, batho-chromic shift, hypsochromic shift, hyperchromic and hypochromic effect	
31-5-2023	9.00-9.50	Spectroscopy	Effect of solvent on absorption spectra	
6-6-2023	1.30-2.20	Spectroscopy	Molecular structure and infrared spectra	
6-6-2023	3.10-4.00	Spectroscopy	<b>Instrumentation:</b> Photometer, U.V.-Visible spectrophotometer – sources of U.V-Vis radiations, collimating systems	
7-6-2023	9.00-9.50	Spectroscopy	Monochromators, sample cells, Photocell, Barrier layer cell,	
13-6-2023	1.30-2.20	Spectroscopy	Phototube, Diode array, applications	
13-6-2023	3.10-4.00	Spectroscopy	Spectrophotometric titrations	
20-6-2023	1.30-2.20	Spectroscopy	<b>Infrared Spectroscopy:</b> Vibrational transitions, frequency – structure correlations, Infrared absorption bands	As per plan completed 8-7
20-6-2023	3.10-4.00	Spectroscopy	Instrumentation–IR Spectro- meter – sources of IR, Collimating systems, monochromators, sample cells,	
11-7-2023	1.30-2.20	Spectroscopy	Sample handling in IR spectroscopy	
11-7-2023	3.10-4.00	Spectroscopy	Detectors: Thermocouple, golay cells, thermistor, bolometer, pyroelectric	
18-7-2023	1.30-2.20	Spectroscopy	Applications of IR in pharmacy	
18-7-2023	3.10-4.00	Spectroscopy	<b>Fluorimetric Analysis:</b> Theory, luminescence, factors affecting fluorescence	
19-7-2023	9.00-9.50	Spectroscopy	Quenching, Instrumentation, Applications	
25-7-2023	1.30-2.20	Spectroscopy	Fluorescent indicators, study of pharmaceutically important	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				compounds estimated by fluorimetry	
25-7-2023	1.30-2.20	Spectroscopy		<b>Flame Photometry:</b> Theory, nebulisation, flame and flame temperature	
26-7-2023	9.00-9.50	Spectroscopy		Interferences, flame spectrometric techniques	
1-8-2023	1.30-2.20	Spectroscopy		Instrumentation and pharmaceutical applications.	
1-8-2023	3.10-4.00	Spectroscopy		Atomic Absorption Spectrometry: Introduction, Theory, types of electrodes	
2-8-2023	9.00-9.50	Spectroscopy		Instrumentation and applications	
8-8-2023	1.30-2.20	Spectroscopy		Atomic Emission Spectroscopy: Spectroscopic sources, atomic emission spectrometers	
9-8-2023	9.00-9.50	Spectroscopy		Photographic and photoelectric detection	
16-8-2023	1.30-2.20	Spectroscopy		<b>NMR &amp; ESR (introduction only):</b> Introduction, theoretical aspects and applications.	
16-8-2023	3.10-4.00	Spectroscopy		<b>Mass Spectroscopy: (Introduction only) –</b> Fragmentation, types of ions produced mass spectrum and applications.	
22-8-2023	1.30-2.20	Spectroscopy		<b>Polarimetry: (Introduction only) –</b> Introduction to optical rotatory dispersion, circular dichroism, polarimeter.	
22-8-2023	3.10-4.00	Spectroscopy		<b>X-RAY Diffraction: (Introduction only) –</b> Theory, reciprocal lattice concept	
23-8-2023	9.00-9.50	Spectroscopy		Diffraction patterns and applications.	
29-8-2023	1.30-2.20	Spectroscopy		Thermal Analysis: Introduction, instrumentation, applications of DSC	
29-8-2023	3.10-4.00	Spectroscopy		Instrumentation, applications of DTA.	classmate as per plan SP

*S. Vishay*  
Faculty In charge

*[Signature]*  
Dean Academics

HOD *[Signature]*  
P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23

Subject Code: PHAD2CO2PR

Subject name: Pharmaceutical Analysis

Course: III Pharm D [RS2]

Total hours: 3 Hrs/week

Section: Practical Batch-1

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	3	26-12-2022	9.50-12.40	Separation and identification of Amino Acids by Paper Chromatography	
2	3	9-1-2023	9.50-12.40	Separation and identification of Sulpha drugs by TLC technique.	
3	3	30-1-2023	9.50-12.40	Effect of pH and solvent on the UV spectrum of given compound.	
4	3	6-2-2023	9.50-12.40	Colorimetric estimation of Supha drugs using BMR reagent.	
5	3	13-2-2023	9.50-12.40	Demonstration of HPLC	
6	3	20-2-2023	9.50-12.40	Demonstration of HPTLC	
7	3	27-2-2023	9.50-12.40	Demonstration of GC-MS	
8	3	6-3-2023	9.50-12.40	Comparison of the UV spectrum of a compound with that of its derivatives.	
9	3	13-3-2023	9.50-12.40	Determination of dissociation constant of indicators using UV-Visible spectroscopy.	
10	3	3-4-2023	9.50-12.40	Conductometric titration of mixture of acids with a strong base.	
11	3	10-4-2023	9.50-12.40	Potentiometric titration of a acid with a strong base.	
12	3	17-4-2023	9.50-12.40	Estimation of drugs by Fluorimetric technique.	
13	3	24-4-2023	9.50-12.40	Study of quenching effect in fluorimetry.	
14	3	8-5-2023	9.50-12.40	Determination of pKa using pH meter.	
15	3	15-5-2023	9.50-12.40	Simultaneous estimation of two drugs presents in given formulation.	
16	3	22-5-2023	9.50-12.40	Assay of Salicylic Acid by colorimetry.	
17	3	10-7-2023	9.50-12.40	Determination of Chlorides and Sulphates in Calcium gluconate by Nepheloturbidimetry Method.	
18	3	17-7-2023	9.50-12.40	Determination of Na/K by Flame Photometry.	
19	3	24-7-2023	9.50-12.40	Determination of specific rotation	
20	3	7-8-2023	9.50-12.40	Comparison of the IR spectrum of a compound with that of its derivatives.	
21	3	21-8-2023	9.50-12.40	Demonstration of DSC.	
22	3	28-8-2023	9.50-12.40	Interpretation of NMR spectra of any one compound.	

*S. Vishay*  
Faculty In charge

*[Signature]*  
Dean Academics

*P Padua*  
PRINCIPAL

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068

HOD

*P Padua*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23

Subject Code: MPL202T

Subject name: PTSM-II

Course: II Sem M Pharm PHARMACOLOGY

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 hrs	4-7-2023	11:50-12:40	Unit-I	Basic definition and types of toxicology	
		4-7-2023	1:30- 2:20	Unit-I	Basic definition and types of toxicology- General	
		6-7-2023	9:50-10.40	Unit-I	Basic definition and types of toxicology- Mechanistic	
		7-7-2023	9:50-10.40	Unit-I	Basic definition and types of toxicology- regulatory, descriptive	
		11-7-2023	11:50-12:40	Unit-I	Regulatory guidelines for conducting toxicity studies- OECD	
		11-7-2023	1:30- 2:20	Unit-I	Regulatory guidelines for conducting toxicity studies- OECD	
		13-7-2023	9:50-10.40	Unit-I	Regulatory guidelines for conducting toxicity studies-ICH	
		14-7-2023	9:50-10.40	Unit-I	Regulatory guidelines for conducting toxicity studies- EPA	
		18-7-2023	11:50-12:40	Unit-I	Regulatory guidelines for conducting toxicity studies- Schedule Y	
		18-7-2023	1:30- 2:20	Unit-I	OECD principles of good laboratory practice (GLP)	
		20-7-2023	9:50-10.40	Unit-I	OECD principles of good laboratory practice (GLP)	
		21-7-2023	9:50-10.40	Unit-I	History, concept and importance in drug development	Refer to envelope as per the syllabus & plan of study
2	12 Hrs	25-7-2023	9:50-10.40	Unit-II	Acute-oral studies as per OECD guidelines	
		25-7-2023	11:50-12:40	Unit-II	Sub-acute-oral studies as per OECD guidelines	
		27-7-2023	1:30- 2:20	Unit-II	Chronic- oral studies as per OECD guidelines	
		28-7-2023	9:50-10.40	Unit-II	Acute and sub-acute- dermal	

PRINCIPAL



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					studies as per OECD guidelines	
		1-8-2023	9:50-10.40	Unit-II	Chronic-dermal studies as per OECD guideline	
		1-8-2023	11:50-12:40	Unit-II	Acute and sub-acute-inhalational	
		3-8-2023	1:30- 2:20	Unit-II	Chronic- inhalational studies as per OECD guidelines.	
		4-8-2023	9:50-10.40	Unit-II	Acute eye irritation studies	
		8-8-2023	9:50-10.40	Unit-II	skin sensitization and dermal irritation studies	
		8-8-2023	11:50-12:40	Unit-II	dermal toxicity studies	
		10-8-2023	1:30- 2:20	Unit-II	Test item characterization-importance and methods in regulatorytoxicology studies	
		11-8-2023	9:50-10.40	Unit-II	Test item characterization-importance and methods in regulatorytoxicology studies	Lesson Plan covers as per the plan of study RI
3	12 Hrs	17-8-2023	11:50-12:40	Unit-III	Reproductive toxicology studies	
		18-8-2023	1:30- 2:20	Unit-III	Male reproductive toxicity studies,	
		18-8-2023	9:50-10.40	Unit-III	Segment -I studies	
		19-8-2023	9:50-10.40	Unit-III	Segment -I studies	
		22-8-2023	11:50-12:40	Unit-III	Segment -II studies	
		22-8-2023	1:30- 2:20	Unit-III	Segment -II studies	
		25-8-2023	9:50-10.40	Unit-III	Segment -III studies	
		26-8-2023	9:50-10.40	Unit-III	Segment -III studies	
		5-9-2023	11:50-12:40	Unit-III	Teratogenic studies	
		5-9-2023	1:30- 2:20	Unit-III	Ames test	
		6-9-2023	9:50-10.40	Unit-III	Invitro micronucleus test	
		8-9-2023	9:50-10.40	Unit-III	Chromosomal aberration test	Lesson Plan covers as per plan of study RI
4	12Hrs	12-9-2023	11:50-12:40	Unit IV	IND enabling studies (IND studies)- Definition of IND, importance of IND	
		19-9-2023	1:30- 2:20	Unit IV	IND enabling studies (IND studies)- industry perspective	
		19-9-2023	9:50-10.40	Unit IV	IND enabling studies (IND studies)- list of studies needed for INDsubmission	
		21-9-2023	9:50-10.40	Unit IV	Safety pharmacology studies- origin and concepts	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		30-9-2023	11:50-12:40	Unit IV	Safety pharmacology studies- importance of safety pharmacology	
		30-9-2023	1:30- 2:20	Unit IV	Tier1- CVS safety pharmacology	
		3-10-2023	9:50-10.40	Unit IV	Tier1- CNS safety pharmacology	
		4-10-2023	9:50-10.40	Unit IV	Tier1- respiratory safety pharmacology	
		4-10-2023	11:50-12:40	Unit IV	Tier1- HERG assay	
		5-10-2023	1:30- 2:20	Unit IV	Tier2- GI safety pharmacology	
		6-10-2023	9:50-10.40	Unit IV	Tier2- renal and other studies	
		6-10-2023	9:50-10.40	Unit IV	Tier2- renal and other studies	Lesson Plan is covered as per Plan of Study
5	12 Hrs	10-10-2023	11:50-12:40	Unit V	Toxicokinetic-Toxicokinetic evaluation in preclinical studies	
		10-10-2023	1:30- 2:20	Unit V	Toxicokinetic-Toxicokinetic evaluation in preclinical studies	
		10-10-2023	2:20-3:10	Unit V	Toxicokinetic-Toxicokinetic evaluation in preclinical studies	
		11-10-2023	9:50-10.40	Unit V	Toxicokinetic-Toxicokinetic evaluation in preclinical studies	
		12-10-2023	11:50-12:40	Unit V	Toxicokinetic- saturation kinetics	
		12-10-2023	1:30- 2:20	Unit V	Toxicokinetic- saturation kinetics	
		13-10-2023	9:50-10.40	Unit V	Toxicokinetic- Importance and applications of toxicokinetic studies	
		13-10-2023	11:50-12:40	Unit V	Toxicokinetic- Importance and applications of toxicokinetic studies	
		13-10-2023	1:30- 2:20	Unit V	Alternative methods to animal toxicity testing	
		14-10-2023	9:50-10.40	Unit V	Alternative methods to	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				animaltoxicity testing	
	14-10-2023	11:50-12:40	Unit V	Alternative methods to animaltoxicity testing	
	15-10-2023	9:50-10.40	Unit V	Alternative methods to animaltoxicity testing	Position covered as per Plan of study P.S.

*K. Bhavani*

Faculty In charge

*N. Shivastava*  
HOD

*[Signature]*

Dean Academics

*P. Padma*  
Principal

*P. Padma*

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Bengal Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23

Subject Code: MPH202T

Subject name: Advanced Biopharmaceutics & Pharmacokinetics

Course: II Sem M Pharm [RS5]

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 Hrs	11-8-2023	9:00-9:50	Drug Absorption from The Gastrointestinal Tract	Introduction, Gastrointestinal tract, Mechanism of drug absorption	
		11-8-2023	11:00-11:50	Drug Absorption from The Gastrointestinal Tract	Factors affecting passive drug absorption	
		11-8-2023	1:30-2:20	Drug Absorption from The Gastrointestinal Tract	pH-partition theory of drug absorption.	
		12-8-2023	11:00-11:50	Drug Absorption from The Gastrointestinal Tract	Factors affecting drug absorption: physicochemical factors: Dissolution rate, Dissolution process	
		12-8-2023	1:30-2:20	Drug Absorption from The Gastrointestinal Tract	Noyes-Whitney equation and drug dissolution, Factors affecting the dissolution rate.	
		16-8-2023	1:30-2:20	Drug Absorption from The Gastrointestinal Tract	Gastrointestinal absorption: role of the dosage form: Solution (elixir, syrup and solution) as a dosage form,	
		16-8-2023	2:20-3:10	Drug Absorption from The Gastrointestinal Tract	Suspension as a dosage form, Capsule as a dosage form, Tablet as a dosage form,	
		18-8-2023	9:00-9:50	Drug Absorption from The Gastrointestinal Tract	Dissolution methods, Formulation and processing factors, Correlation of in vivo data with in vitro dissolution data.	
		18-8-2023	11:00-11:50	Drug Absorption from The Gastrointestinal Tract	Transport model: Permeability-Solubility-Charge State and the pH Partition Hypothesis	
		19-8-2023	11:00-11:50	Drug Absorption from The	Properties of the Gastrointestinal Tract (GIT).	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				Gastrointestinal Tract	pH Microclimate Intracellular pH Environment, Tight Junction Complex	
		19-8-2023	1:30-2:20	Drug Absorption from The Gastrointestinal Tract	Structure of Octanol, Biopharmaceutics Classification System.	
		23-8-2023	1:30-2:20	Drug Absorption from The Gastrointestinal Tract	Solubility: Experimental methods, Permeability: In-vitro, in-situ and In-vivo methods.	<i>The class conducted on 23/8/23</i>
2	12 Hrs	23-8-2023	2:20-3:10	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Introduction, Biopharmaceutic Factors Affecting Drug Bioavailability	
		25-8-2023	9:00-9:50	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Rate-Limiting Steps in Drug Absorption, Physicochemical Nature of the Drug Formulation	
		25-8-2023	11:00-11:50	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Factors Affecting Drug Product Performance,	
		26-8-2023	11:00-11:50	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Drug Product Performance, In Vitro: Dissolution and Drug Release Testing,	
		26-8-2023	1:30-2:20	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Compendial Methods of Dissolution	
		30-8-2023	2:20-3:10	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product	Alternative Methods of Dissolution Testing,	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				Performance	
		1-9-2023	9:00-9:50	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Meeting Dissolution Requirements
		1-9-2023	11:00-11:50	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Problems of Variable Control in Dissolution Testing
		2-9-2023	9:50-10:40	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Performance of Drug Products. In Vitro-In Vivo Correlation
		2-9-2023	11:00-11:50	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Dissolution Profile Comparisons
		2-9-2023	1:30-2:20	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Drug Product Stability, Considerations in the Design of a Drug Product
		6-9-2023	1:30-2:20	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Drug Product Considerations
3	12 Hrs	8-9-2023	9:00-9:50	Pharmacokinetics	Basic considerations, Pharmacokinetic models
		8-9-2023	11:00-11:50	Pharmacokinetics	Compartment modelling: One compartment model- IV bolus
		9-9-2023	11:00-11:50	Pharmacokinetics	IV infusion, Extravascular
		9-9-2023	1:30-2:20	Pharmacokinetics	Multi Compartment model: Two compartment - model in brief
		13-9-2023	9:00-9:50	Pharmacokinetics	Non-Linear Pharmacokinetics
		13-9-2023	11:00-11:50	Pharmacokinetics	Cause of non-linearity,

*Handwritten signature and date: 11/5/21*





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					Michaelis - Menten equation	
		15-9-2023	9:00-9:50	Pharmacokinetics	Estimation $K_{max}$ and $V_{max}$ .	
		15-9-2023	11:00-11:50	Pharmacokinetics	Drug interactions: Introduction	
		16-9-2023	9:50-10:40	Pharmacokinetics	The effect of protein-binding interactions	
		16-9-2023	11:00-11:50	Pharmacokinetics	The effect of tissue-binding interactions	
		26-9-2023	1:30-2:20	Pharmacokinetics	Cytochrome P450-based drug interactions	
		27-9-2023	1:30-2:20	Pharmacokinetics	Drug interactions linked to transporters	
4	12 Hrs	28-9-2023	2:20-3:10	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Drug Product Performance, Purpose of Bioavailability Studies, Relative and Absolute Availability.	
		6-10-2023	9:00-9:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Methods for Assessing Bioavailability	
		6-10-2023	11:00-11:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Bioequivalence Studies, Design and Evaluation of Bioequivalence Studies	
		7-10-2023	9:50-10:40	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Study Designs, Crossover Study Designs	
		7-10-2023	11:00-11:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Evaluation of the Data	
		10-10-2023	9:00-9:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Bioequivalence Example	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		10-10-2023	11:00-11:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Study Submission and Drug Review Process	
		11-10-2023	1:30-2:20	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Biopharmaceutics Classification System	
		11-10-2023	2:20-3:10	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Generic Biologics (Biosimilar Drug Products)	
		12-10-2023	2:20-3:10	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Clinical Significance of Bioequivalence Studies	
		13-10-2023	9:00-9:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Special Concerns in Bioavailability and Bioequivalence Studies	
		13-10-2023	11:00-11:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Generic Substitution	<i>classmate conducted on 13/10/23</i>
5	12 Hrs	14-10-2023	9:50-10:40	Application of Pharmacokinetics	Modified-Release Drug Products	
		14-10-2023	11:00-11:50	Application of Pharmacokinetics	Targeted Drug Delivery Systems	
		15-10-2023	11:00-11:50	Application of Pharmacokinetics	Biotechnological Products	
		17-10-2023	1:30-2:20	Application of Pharmacokinetics	Pharmacokinetic	
		18-10-2023	1:30-2:20	Application of Pharmacokinetics	Pharmacodynamic	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)


Accredited by NAAC and International Accreditation Organization (IAO)

		18-10-2023	2:20-3:10	Application of Pharmacokinetics	Drug interactions	
		19-10-2023	2:20-3:10	Application of Pharmacokinetics	Pharmacokinetics of biotechnology drugs	
		20-10-2023	9:00-9:50	Application of Pharmacokinetics	Pharmacodynamics of biotechnology drugs	
		20-10-2023	11:00-11:50	Application of Pharmacokinetics	Introduction, Proteins and peptides	
		21-10-2023	9:50-10:40	Application of Pharmacokinetics	Monoclonal antibodies	
		21-10-2023	11:00-11:50	Application of Pharmacokinetics	Oligonucleotides, Vaccines (immunotherapy)	The lesson Plan before
		22-10-2023	11:00-11:50	Application of Pharmacokinetics	Gene therapies	as per syllabus & conduct plan

  
Faculty In charge

  
HOD

*Classes have been as per plan of study*  
  
Dean Academics

  
Principal



**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, 8th Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23

Subject Code: BP203T

Subject name: Biochemistry

Course: II Sem B Pharm [RS5]

Total hours: 45 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	8 Hrs	5-7-2023	1.30-2.20	Biomolecules & Bioenergetics	Introduction, classification, chemical nature biomolecules	
		5-7-2023	3.10-4.00	Biomolecules & Bioenergetics	Biological role of carbohydrate, lipids	
		6-7-2023	11.50-12.40	Biomolecules & Bioenergetics	Nucleic acids, Amino acids	
		12-7-2023	1.30-2.20	Biomolecules & Bioenergetics	Proteins	
		12-7-2023	3.10-4.00	Biomolecules & Bioenergetics	Concept of free energy, endergonic and exergonic reaction	
		13-7-2023	11.50-12.40	Biomolecules & Bioenergetics	Relationship between free energy, enthalpy, and entropy; Redox potential	
		19-7-2023	1.30-2.20	Biomolecules & Bioenergetics	Energy rich compounds; classification;	
		19-7-2023	3.10-4.00	Biomolecules & Bioenergetics	Biological significances of ATP and cyclic AMP	Classmate on per plan &
2	10 Hrs	20-7-2023	9.50-10.40	Carbohydrate metabolism	Glycolysis – Pathway, energetics, significance	
		20-7-2023	11.50-12.40	Carbohydrate metabolism	Citric acid cycle- Pathway, energetics, significance	
		26-7-2023	1.30-2.20	Carbohydrate metabolism	HMP shunt and its significance, G6PD Deficiency	
		26-7-2023	3.10-4.00	Carbohydrate metabolism	Glycogen metabolism Pathways and glycogen storage diseases (GSD)	
		27-7-2023	11.50-12.40	Carbohydrate metabolism	Gluconeogenesis- Pathway and its significance	
		2-8-2023	1.30-2.20	Carbohydrate metabolism	Hormonal regulation of blood glucose level and Diabetes mellitus	
		2-8-2023	3.10-4.00	Carbohydrate metabolism	Biological oxidation: Electron transport chain (ETC) and its mechanism.	
		3-8-2023	11.50-12.40	Carbohydrate	Oxidative phosphorylation &	P.Padua

PRINCIPAL

The Oxford College of Pharmacy  
No 619, 1st Cross, Begur Road, Bangalore





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				metabolism	its mechanism	
		9-8-2023	1.30-2.20	Carbohydrate metabolism	Substrate level phosphorylation	
		9-8-2023	3.10-4.00	Carbohydrate metabolism	Inhibitors ETC and oxidative phosphorylation/Uncoupler	As per plan
3	10 Hrs	10-8-2023	11.50-12.40	Lipid & Amino acid metabolism	$\beta$ -Oxidation of saturated fatty acid(Palmitic acid)	
		16-8-2023	1.30-2.20	Lipid & Amino acid metabolism	Formation and utilization of ketone bodies;ketoacidosis.	
		16-8-2023	3.10-4.00	Lipid & Amino acid metabolism	De novo synthesis of fatty acids (Palmiticacid)	
		17-8-2023	11.50-12.40	Lipid & Amino acid metabolism	Biological significance of cholesterol and conversion of cholesterol into bile acids,steroid hormone, vitamin D	
		23-8-2023	1.30-2.20	Lipid & Amino acid metabolism	Disorders of lipid metabolism: Hypercholesterolemia, atherosclerosis, fatty liver and obesity	
		23-8-2023	3.10-4.00	Lipid & Amino acid metabolism	General reactions of amino acid metabolism: Transamination, deamination & decarboxylation,	
		24-8-2023	11.50-12.40	Lipid & Amino acid metabolism	urea cycle and its disorders	
		7-9-2023	11.50-12.40	Lipid & Amino acid metabolism	Catabolism of phenylalanine and tyrosine and their metabolic disorders	
		9-9-2023	11.50-12.40	Lipid & Amino acid metabolism	Synthesis and significance of biological substances; 5-HT, melatonin, dopamine, noradrenaline, adrenaline	
		14-9-2023	11.50-12.40	Lipid & Amino acid metabolism	Catabolism of heme; hyperbilirubinemia and jaundice	As per plan
4	10 Hrs	20-9-2023	1.30-2.20	Nucleic acid metabolism	Biosynthesis of purine nucleotides	
		20-9-2023	3.10-4.00	Nucleic acid metabolism	Biosynthesis of pyrimidine nucleotides	
		21-9-2023	11.50-12.40	Nucleic acid metabolism	Catabolism of purine nucleotides	
		27-9-2023	1.30-2.20	Nucleic acid metabolism	Hyperuricemia and Gout disease	
		27-9-2023	3.10-4.00	Genetic information transfer	Organization of mammalian genome	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		4-10-2023	1.30-2.20	Genetic information transfer	Structure of DNA and RNA and their functions	
		4-10-2023	3.10-4.00	Genetic information transfer	DNA replication (semi conservative model)	
		5-10-2023	11.50-12.40	Genetic information transfer	Transcription or RNA synthesis Genetic code.	
		5-10-2023	3.10-4.00	Genetic information transfer	Translation or Protein synthesis and inhibitors	
		6-10-2023	1.30-2.20	Genetic information transfer	Genetic code, inhibitors	As per plan ✓
5	7 Hrs	9-10-2023	3.10-4.00	Enzymes	Introduction, properties, nomenclature and IUB classification of enzymes	
		10-10-2023	11.50-12.40	Enzymes	Enzyme kinetics (Michaelis plot)	
		11-10-2023	1.30-2.20	Enzymes	Line Weaver Burke plot	
		11-10-2023	3.10-4.00	Enzymes	Enzyme inhibitors with examples	
		12-10-2023	11.50-12.40	Enzymes	Regulation of enzymes: enzyme induction and repression, allosteric enzymes regulation	
		12-10-2023	1.30-2.20	Enzymes	Therapeutic and diagnostic applications of enzymes	
		13-10-2023	3.10-4.00	Enzymes	Isoenzymes, Coenzymes – Structure and biochemical functions	As per plan ✓

no change in the planned schedule

*S. Vishay*  
Faculty In charge

*[Signature]*  
HOD

*[Signature]*  
Dean Academics

*P. Padma*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23

Subject Code: BP209P

Subject name: Biochemistry

Course: II Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-1

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	6-7-2023	1.30-4.00	Qualitative analysis of Glucose	
2	4	13-7-2023	1.30-4.00	Qualitative analysis of Fructose	
3	4	20-7-2023	1.30-4.00	Qualitative analysis of Lactose & Maltose	
4	4	27-7-2023	1.30-4.00	Qualitative analysis of Sucrose and starch	
5	4	3-8-2023	1.30-4.00	Determination of blood creatinine	
6	4	10-8-2023	1.30-4.00	Determination of blood sugar	
7	4	17-8-2023	1.30-4.00	Determination of serum total cholesterol	
8	4	24-8-2023	1.30-4.00	Preparation of buffer solution and measurement of pH	As per plan 21
9	4	7-9-2023	1.30-4.00	Identification tests for Proteins (albumin and Casein); Qualitative analysis of urine for abnormal constituent	
10	4	8-9-2023	1.30-4.00	Study the effect of Temperature on Salivary amylase activity; Study of enzymatic hydrolysis of starch	
11	4	14-9-2023	1.30-4.00	Quantitative analysis of reducing sugars(DNSA method) and Proteins (Biuret method)	
12	4	21-9-2023	1.30-4.00	Determination of Salivary amylase activity; Study the effect of substrate concentration on salivary amylase activity	As per plan 87

Note: As per RGUHS university preponed examination notification extra practicals are conducted in a session for completing the portions

*S. Vishay*  
Faculty In charge

*[Signature]*  
Dean Academics

*[Signature]*  
HOD

*P. Padma*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2022-23  
Subject Code: BP209P  
Subject name: Biochemistry

Course: II Sem B Pharm [RS5]  
Total hours: 4 Hrs/Week  
Section: Practical Batch-3

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	3-7-2023	1.30-4.00	Qualitative analysis of Glucose	
2	4	10-7-2023	1.30-4.00	Qualitative analysis of Fructose	
3	4	17-7-2023	1.30-4.00	Qualitative analysis of Lactose & Maltose	
4	4	24-7-2023	1.30-4.00	Qualitative analysis of Sucrose and starch	
5	4	31-7-2023	1.30-4.00	Determination of blood creatinine	
6	4	7-8-2023	1.30-4.00	Determination of blood sugar	
7	4	14-8-2023	1.30-4.00	Determination of serum total cholesterol	
8	4	21-8-2023	1.30-4.00	Preparation of buffer solution and measurement of pH	As per plan
9	4	28-8-2023	1.30-4.00	Identification tests for Proteins (albumin and Casein); Qualitative analysis of urine for abnormal constituent	
10	4	4-9-2023	1.30-4.00	Study the effect of Temperature on Salivary amylase activity;  Study of enzymatic hydrolysis of starch	
11	4	11-9-2023	1.30-4.00	Quantitative analysis of reducing sugars (DNSA method) and Proteins (Biuret method)	
12	4	25-9-2023	1.30-4.00	Determination of Salivary amylase activity;  Study the effect of substrate concentration on salivary amylase activity	As per plan

Note: As per RGUHS university preponed examination notification extra practicals are conducted in a session for completing the portions

Faculty In charge

Dean Academics

P Padma  
PRINCIPAL

The Oxford College Of Pharmacy  
No 619, 1st Cross, 7th Main Road, Hongasandra  
Bangalore - 560 068

HOD

P Padma  
Principal





**Plan of Study**

**Academic year: 2021-22**

**Subject code: BP104T**

**Subject Name: Pharmaceutical Inorganic Chemistry**

**Course: I Sem B Pharm [RS5]**

**Total Hours: 45 Hrs**

**Section: Theory**

**Theory Course Objectives:** The Objective of this course is to

- **Educate** students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfil the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

**Course Outcomes:**

CO1--- To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals.

CO2--- Understand the medicinal and pharmaceutical importance of inorganic compounds

S.NO	Topic	Prescribed Hours	Breakup Hours	CO	Methodology
<b>I SESSIONAL (23 Hrs)</b>					
1	<b>Impurities in pharmaceutical substances</b>	10	1	1	1) Chalk Board 2)PPT 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	History of Pharmacopoeia		1	1	
	History of pharmacopoeia		1	1	
	Various Sources of impurities.		1	1	
	Types of impurities		1	1	
	Principle involved in limit test for chloride and sulphate		1	1	
	Modified limit test for chloride and sulphate		1	1	
	Limit test for iron		1	1	
	Limit test for heavy metals		1	1	
	Limit test for lead		1	1	
Limit test for arsenic	1	1			
2	<b>Acids, bases, buffers:</b>	10	1	1	1) Chalk Board 2)PPT 3)Group Discussion 4)e-content 5)ICT 6)LMS
	Buffer equations and buffer capacity in general, buffers in pharmaceutical systems		1	1	
	preparation, stability, buffered isotonic solutions		1	1	
	measurements of tonicity, calculations, and methods of adjusting isotonicity		1	1	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	<b>Major extra and intracellular electrolytes</b>				7)MOOCs/Swayam
	Functions of major physiological ions		1	1	
	Electrolytes used in the replacement therapy: Sodium chloride		1	1	
	Potassium chloride, Calcium gluconate and Oral Rehydration Salt (ORS)		1	1	
	Physiological acid base balance		1	1	
	<b>Dental Products</b>				
	Dentifrices, role of fluoride in the treatment of dental caries		1	2	
	Desensitizing agents, Calcium carbonate		1	2	
	Sodium fluoride, and Zinc eugenol cement.		1	2	
<b>3</b>	<b>Gastrointestinal agents</b>	<b>10</b>	1	2	
	<b>Acidifiers:</b> Ammonium chloride				
	Dilute Hcl		1	2	
	<b>Antacids:</b> Ideal properties of antacids, combinations of antacids		1	2	
<b>II SESSIONAL (22 Hrs)</b>					
	Sodium Bicarbonate		1	2	1) Chalk Board
	Aluminium hydroxide gel, Magnesium hydroxide mixture		1	2	2)PPT
	<b>Cathartics:</b> Magnesium sulphate, Sodium orthophosphate		1	2	3)Group
	Kaolin, Bentonite		1	2	Discussion
	<b>Antimicrobials:</b> Mechanism, classification, Potassium permanganate		1	2	4)e-content
	Boric acid, Hydrogen peroxide		1	2	5)ICT
	Chlorinated lime, Iodine, and its preparations		1	2	6)LMS
					7)MOOCs/Swayam
<b>4</b>	<b>Miscellaneous compounds</b>	<b>08</b>	1	2	1) Chalk Board
	<b>Expectorants:</b> Potassium iodide				2)PPT
	Ammonium chloride		1	2	3)Group
	<b>Emetics:</b> Copper sulphate		1	2	Discussion
	Sodium potassium tartrate		1	2	4)e-content
	<b>Haematinics:</b> Ferrous sulphate, Ferrous gluconate		1	2	5)ICT
	<b>Poison and antidote:</b> Sodium thiosulphate		1	2	6)LMS
	Sodium nitrite, Activated charcoal		1	2	7)MOOCs/Swayam
	<b>Astringent:</b> Zinc sulphate, potash alum		1	2	
<b>5</b>	<b>Radiopharmaceuticals</b>	<b>07</b>	1	2	1) Chalk Board
	Radio activity, Measurement of radioactivity				2)PPT
					3)Group



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)


Properties of $\alpha$ , $\beta$ , $\gamma$ radiations	1	2	Discussion
Half-life, radio isotopes	1	2	4)e-content
Study of radio isotopes - Sodium iodide I 131	1	2	5)ICT
Storage conditions	1	2	6)LMS
Precautions	1	2	7)MOOCs/Swayam
Pharmaceutical application of radioactive substances.	1	2	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

### References:

- A.H. Beckett & J.B. Stenlake's, Practical Pharmaceutical Chemistry Vol I & II, Stahlone Press of University of London, 4th edition.
- A.I. Vogel, Text Book of Quantitative Inorganic analysis
- P. Gundu Rao, Inorganic Pharmaceutical Chemistry, 3rd Edition
- M.L.Schroff, Inorganic Pharmaceutical Chemistry
- Bentley and Driver's Textbook of Pharmaceutical Chemistry
- Anand & Chatwal, Inorganic Pharmaceutical Chemistry

  
Faculty-Incharge

  
HOD

  
Dean Academics

  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2021-22

Subject code: BP110P

Subject Name: Pharmaceutical Inorganic Chemistry

Course: I Sem B Pharm [RS5]

Total Hours: 4hrs/week

Section: Practical

**Practical Course Objectives:** The Objective of this course is to

- **Educate** students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfil the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins

S.NO	Topic	Prescribed Hours	Breakup Hours	Methodology
<b>I SESSIONAL</b>				
<b>1</b>	<b>Identification test</b>			Chalk Board
	Identification test for Magnesium hydroxide	4	4	
	Identification test for Ferrous sulphate	4	4	
	Identification test for Sodium bicarbonate	4	4	
	Identification test for Calcium gluconate	4	4	
	Identification test for Copper sulphate	4	4	
<b>2</b>	<b>Test for purity</b>			
	Swelling power of Bentonite	4	4	
	Neutralizing capacity of aluminium hydroxide gel	4	4	
	Determination of potassium iodate and iodine in potassium Iodide	4	4	
<b>3</b>	<b>Preparation of inorganic pharmaceuticals</b>			
	Boric acid	4	4	
<b>II SESSIONAL</b>				
	potash alum	4	4	Chalk Board
	Ferrous sulphate	4	4	
<b>4</b>	<b>Limit tests for following ions</b>			
	Limit test for Chlorides and Sulphates	4	4	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Limit test for Chlorides and Sulphates	4	4	Demonstration
Limit test for Iron	4	4	
Limit test for Heavy metals	4	4	
Limit test for Lead	4	4	
Limit test for Arsenic	4	4	

Faculty-Incharge

HOD

Dean Academics

Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

Lesson Plan

Academic year: 2021-22

Subject Code: BP104T

Subject name: Pharmaceutical Inorganic Chemistry

Course: I Sem B Pharm [RS5]

Total hours: 45 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	10hrs	10-11-21	9.00 AM-9.50 AM	Impurities in pharmaceutical substances	History of Pharmacopoeia	
		10-11-21	3.10 PM-4.00 PM	Impurities in pharmaceutical substances	History of pharmacopoeia	
		11-11-21	3.10 PM - 4.00 PM	Impurities in pharmaceutical substances	Various Sources of impurities.	
		16-11-21	3.10 PM - 4.00 PM	Impurities in pharmaceutical substances	Types of impurities	
		17-11-21	9.00 AM-9.50 AM	Impurities in pharmaceutical substances	Principle involved in limit test for chloride and sulphate	
		17-11-21	3.10 PM - 4.00 PM	Impurities in pharmaceutical substances	Modified limit test for chloride and sulphate	
		24-11-21	9.00 AM-9.50 AM	Impurities in pharmaceutical substances	Limit test for iron	
		24-11-21	3.10 PM - 4.00 PM	Impurities in pharmaceutical substances	Limit test for heavy metals	
		25-11-21	3.10 PM - 4.00 PM	Impurities in pharmaceutical substances	Limit test for lead	
		26-11-21	9.00 AM-9.50 AM	Impurities in pharmaceutical substances	Limit test for arsenic	
2	10 hrs	01-12-21	9.00 AM-9.50 AM	Acids, bases, buffers	Buffer equations and buffer capacity in general, buffers in pharmaceutical systems	
		02-12-21	3.10 PM - 4.00 PM	Acids, bases, buffers	preparation, stability, buffered isotonic solutions	
		03-12-21	9.00 AM-9.50 AM	Acids, bases, buffers	measurements of tonicity, calculations, and methods of adjusting isotonicity	
		08-12-21	9.00 AM-9.50 AM	Major extra and intracellular electrolytes	Functions of major physiological ions	
		08-12-21	9.00 AM-9.50 AM	Major extra and intracellular electrolytes	Electrolytes used in the replacement therapy: Sodium chloride	
		10-12-21	9.00 AM-9.50 AM	Major extra and intracellular electrolytes	Potassium chloride, Calcium gluconate and Oral Rehydration Salt (ORS)	
		18-12-21	11.50 AM-12.40 PM	Major extra and intracellular electrolytes	Physiological acid base balance	
		22-12-21	9.00 AM-9.50 AM	Dental Products	Dentifrices, role of fluoride in the treatment of dental caries	
		29-12-21	9.00 AM-9.50 AM	Dental Products	Desensitizing agents, Calcium carbonate	
	31-12-21	9.50 AM-	Dental Products	Sodium fluoride, and Zinc eugenol		





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

3	10 hrs		10.40 AM		cement.	
		05-01-22	9.00 AM-9.50 AM	Gastrointestinal agents	Ammonium chloride	
		07-01-22	9.50 AM-10.40 AM	Acidifiers	Dilute Hcl	
		12-01-22	9.00 AM-9.50 AM	Antacids	Ideal properties of antacids, combinations of antacids	
		19-01-22	9.00 AM-9.50 AM	Antacids	Sodium Bicarbonate	
		22-01-22	11.50 AM-12.40 PM	Antacids	Aluminium hydroxide gel, Magnesium hydroxide mixture	
		28-01-22	9.50 AM-10.40 AM	Cathartics	Magnesium sulphate, Sodium orthophosphate	
		29-01-22	11.50 AM-12.40 PM	Cathartics	Kaolin, Bentonite	
		04-02-22	9.50 AM-10.40 AM	Antimicrobials	Mechanism, classification, Potassium permanganate	
		09-02-22	9.00 AM-9.50 AM	Antimicrobials	Boric acid, Hydrogen peroxide	
4	8 hrs		11.50 AM-12.40 PM		Chlorinated lime, Iodine, and its preparations	
		19-02-22	11.50 AM-12.40 PM	Miscellaneous compounds	Potassium iodide	
		02-03-22	9.00 AM-9.50 AM	Expectorants:	Ammonium chloride	
		09-03-22	9.00 AM-9.50 AM	Emetics	Copper sulphate	
		12-03-22	11.50 AM-12.40 PM	Emetics	Sodium potassium tartrate	
		16-03-22	9.00 AM-9.50 AM	Haematinics	Ferrous sulphate, Ferrous gluconate	
		19-03-22	11.50 AM-12.40 PM	Poison and Antidote	Sodium thiosulphate	
		25-03-22	9.50 AM-10.40 AM	Poison and Antidote	Sodium nitrite, Activated charcoal	As per phar
30-03-22	9.00 AM-9.50 AM	Astringent	Zinc sulphate, potash alum	As per 30/3/22		
5	7 hrs	01-04-22	9.50 AM-10.40 AM	Radiopharmaceuticals	Radio activity, Measurement of radioactivity	
		08-04-22	9.50 AM-10.40 AM	Radiopharmaceuticals	Properties of $\alpha$ , $\beta$ , $\gamma$ radiations	
		09-04-22	11.50 AM-12.40 PM	Radiopharmaceuticals	Half-life, radio isotopes	
		13-04-22	9.00 AM-9.50 AM	Radiopharmaceuticals	Study of radio isotopes - Sodium iodide I 131	As per Plan class Conducted
		20-04-22	9.00 AM-9.50 AM	Radiopharmaceuticals	Storage conditions	
		23-04-22	11.50 AM-12.40 PM	Radiopharmaceuticals	Precautions	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy


(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;


Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

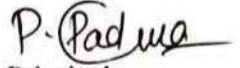
		27-04-22	9.00 AM- 9.50 AM	Radiopharmaceuticals	Pharmaceutical application of radioactive substances.	
--	--	----------	---------------------	----------------------	--	--

*no change in planned schedule.*

  
Faculty In charge

  
Dean Academics

  
HOD

  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-22

Subject Code: BP110P

Subject name: Pharmaceutical Inorganic Chemistry

Course: I Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-I

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	02-11-21	9.50 AM - 12.40 PM	Identification test for Magnesium hydroxide	
2	4	09-11-21	9.50 AM - 12.40 PM	Identification test for Ferrous sulphate	
3	4	16-11-21	9.50 AM - 12.40 PM	Identification test for Sodium bicarbonate	
4	4	23-11-21	9.50 AM - 12.40 PM	Identification test for Calcium gluconate	
5	4	30-11-21	9.50 AM - 12.40 PM	Identification test for Copper sulphate	
6	4	14-12-21	9.50 AM - 12.40 PM	Swelling power of Bentonite	
7	4	21-12-21	9.50 AM - 12.40 PM	Neutralizing capacity of aluminium hydroxide gel	
8	4	04-01-22	9.50 AM - 12.40 PM	Determination of potassium iodate and iodine in potassium Iodide	
9	4	11-01-22	9.50 AM - 12.40 PM	Boric acid	
10	4	08-02-22	9.50 AM - 12.40 PM	potash alum	
11	4	15-02-22	9.50 AM - 12.40 PM	Ferrous sulphate	
12	4	08-03-22	9.50 AM - 12.40 PM	Limit test for Chlorides and Sulphates	
13	4	15-03-22	9.50 AM - 12.40 PM	Limit test for Chlorides and Sulphates	
14	4	22-03-22	9.50 AM - 12.40 PM	Limit test for Iron	
15	4	29-03-22	9.50 AM - 12.40 PM	Limit test for Heavy metals	
16	4	05-04-22	9.50 AM - 12.40 PM	Limit test for Lead	
17	4	12-04-22	9.50 AM - 12.40 PM	Limit test for Arsenic	Conducted as per plan

Faculty In charge

no change in planned schedule

HOD

Dean Academics

Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-22

Subject Code: BP110P

Subject name: Pharmaceutical Inorganic Chemistry

Course: I Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-2

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	16-11-21	9.50 AM-12.40 PM	Identification test for Magnesium hydroxide	
2	4	23-11-21	9.50 AM-12.40 PM	Identification test for Ferrous sulphate	
3	4	29-11-21	9.50 AM-12.40 PM	Identification test for Sodium bicarbonate	
4	4	01-12-21	9.50 AM-12.40 PM	Identification test for Calcium gluconate	
5	4	08-12-21	9.50 AM-12.40 PM	Identification test for Copper sulphate	
6	4	15-12-22	9.50 AM-12.40 PM	Swelling power of Bentonite	
7	4	22-12-22	9.50 AM-12.40 PM	Neutralizing capacity of aluminium hydroxide gel	As per plan HOD 22/12/22
8	4	29-12-22	9.50 AM-12.40 PM	Determination of potassium iodate and iodine in potassium Iodide	
9	4	05-01-22	9.50 AM-12.40 PM	Boric acid	
10	4	09-02-22	9.50 AM-12.40 PM	potash alum	
11	4	16-02-22	9.50 AM-12.40 PM	Ferrous sulphate	
12	4	02-03-22	9.50 AM-12.40 PM	Limit test for Chlorides and Sulphates	
13	4	09-03-22	9.50 AM-12.40 PM	Limit test for Chlorides and Sulphates	
14	4	16-02-22	9.50 AM-12.40 PM	Limit test for Iron	
15	4	23-03-22	9.50 AM-12.40 PM	Limit test for Heavy metals	
16	4	06-04-22	9.50 AM-12.40 PM	Limit test for Lead	Conducted as per plan
17	4	13-04-22	9.50 AM-12.40 PM	Limit test for Arsenic	

Faculty In charge

Dean Academics

no change in planned schedule

HOD

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-22

Subject Code: BP110P

Subject name: Pharmaceutical Inorganic Chemistry

Course: I Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-3

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	15-11-21	9.50 AM-12.40 PM	Identification test for Magnesium hydroxide	
2	4	29-11-21	9.50 AM-12.40 PM	Identification test for Ferrous sulphate	
3	4	02-12-21	9.50 AM-12.40 PM	Identification test for Sodium bicarbonate	
4	4	09-12-21	9.50 AM-12.40 PM	Identification test for Calcium gluconate	
5	4	16-12-21	9.50 AM-12.40 PM	Identification test for Copper sulphate	
6	4	28-12-21	9.50 AM-12.40 PM	Swelling power of Bentonite	
7	4	06-01-22	9.50 AM-12.40 PM	Neutralizing capacity of aluminium hydroxide gel	
8	4	13-01-22	9.50 AM-12.40 PM	Determination of potassium iodate and iodine in potassium Iodide	
9	4	20-01-22	9.50 AM-12.40 PM	Boric acid	As per plan 20/1/22
10	4	03-02-22	9.50 AM-12.40 PM	potash alum	
11	4	10-02-22	9.50 AM-12.40 PM	Ferrous sulphate	
12	4	17-03-22	9.50 AM-12.40 PM	Limit test for Chlorides and Sulphates	
13	4	24-03-22	9.50 AM-12.40 PM	Limit test for Chlorides and Sulphates	
14	4	31-03-22	9.50 AM-12.40 PM	Limit test for Iron	
15	4	07-04-22	9.50 AM-12.40 PM	Limit test for Heavy metals	
16	4	21-04-22	9.50 AM-12.40 PM	Limit test for Lead	Conducted as per plan
17	4	28-04-22	9.50 AM-12.40 PM	Limit test for Arsenic	

Faculty In charge

no change in planned schedule

HOD

Dean Academics

P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2021-22

Subject Code: PHAD2CO2Th

Subject name: PHARMACEUTICAL ANALYSIS

Course: III PharmD [RS2]

Total hours: 75 Hours

Section: Theory

Theory Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology, and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subject of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

## Course Outcomes:

- CO1 -To understand about various chromatographic techniques  
 CO2 -To understand about various electrochemical methods  
 CO3 -To understand about various spectroscopy.  
 CO4 -To gain knowledge about quality assurance

SL NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
I SESSIONAL (25 hrs)					
1	<b>Quality Assurance:</b> Introduction, sources and control of quality variation, Concept of statistical quality control	4 hrs	1	4	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	Validation methods		1	4	
	GLP, ISO9000, Total quality management		1	4	
	Harmonization-guidelines and Regulatory control		1	4	
2	<b>Chromatography</b>	21 hrs			1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	<b>Column chromatography:</b> Adsorption column chromatography, operational technique		1	1	
	Frontal analysis and elution analysis		1	1	
	Factors affecting column efficiency Application and partition chromatography		1	1	
	<b>TLC:</b> Introduction, principle, techniques		1	1	
	R <sub>f</sub> value and applications.		1	1	
	<b>PC:</b> Introduction, principle, types of paper chromatography, Preparation and development techniques, applications		1	1	
<b>Ion-exchange chromatography:</b> Introduction, Principles, types of ions exchange resins, physical properties	1	1			





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Factors affecting on exchange, methodology and applications		1	1	
	<b>HPLC:</b> Introduction, theory		1	1	
	Instrumentation and applications		1	1	
	<b>HPTLC:</b> Introduction, theory		1	1	
	Instrumentation and applications.		1	1	
	<b>GC:</b> Introduction, theory		1	1	
	Instrumentation-Carrier gases, Types of columns, Stationary phases in GLC and GSC,		1	1	
	Detectors-Flame ionization detector, electron capture detector		1	1	
	thermal conductivity detector, typical gas chromatogram		1	1	
	Derivatization techniques, programmed temperature gas chromatography, applications.		1	1	
	<b>Electrophoresis:</b> Principles of separation, equipment for paper		1	1	
	Gel electrophoresis and application		1	1	
	<b>Gel filtration and affinity chromatography:</b> Introduction, technique,		1	1	
	Applications		1	1	
<b>II SESSIONAL (25hrs)</b>					
3	<b>Electrometric Methods</b>	15	1	2	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
	<b>Potentiometry:</b> Electrical potential, electrochemical cell, types of electrodes				
	Measurement of potential and pH				
	Construction and working of electrodes				
	Potentiometric titrations				
	Methods of detecting end point, Karl Fischer titration.				
	<b>Conductometry:</b> Introduction, conductivity cell				
	Conductometric titrations				
	Applications				
	<b>Polarography:</b> Instrumentation, DME, residual current, diffusion current and limiting current,				
	Polarographic wave, Ilkovic's equation, Effect of oxygen on Polarographic wave				
	Polarographic maxima and suppressors and applications.				
	<b>Amperometric Titrations:</b> Introduction, types of electrodes used				
	Reference and indicator electrode				
Instrumentation					
Titration procedure, advantages, and disadvantages. Pharma applications					
4	<b>Spectroscopy</b>	10	1	3	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content
	<b>Absorption Spectroscopy:</b> Theory of electronic, atomic and molecular spectra. Fundamental laws of photometry				





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Beer-Lambert's Law, application, deviation, limitation.		1	3	5)ICT 6)LMS 7)MOOCs/Swayam
Application of the law to single component analysis		1	3	
Application of multiple component analysis.		1	3	
Measurement of equilibrium constant and rate constant by spectroscopy		1	3	
Spectra of isolated chromophores, auxochromes, bathochromic shift, hypsochromic shift, hyperchromic and hypochromic effect		1	3	
Effect of solvent on absorption spectra		1	3	
Molecular structure and infrared spectra		1	3	
<b>Instrumentation:</b> Photometer, U.V.-Visible spectrophotometer – sources of U.V-Vis radiations, collimating systems		1	3	
<b>III SESSIONAL (25 hrs)</b>				
Monochromators, sample cells, Photocell, Barrier layer cell,	25 hrs	1	3	1)Chalk board 2)PPT Presentation 3)Group Discussion 4)e-content 5)ICT 6)LMS 7)MOOCs/Swayam
Phototube, Diode array, applications		1	3	
Spectrophotometric titrations		1	3	
<b>Infrared Spectroscopy:</b> Vibrational transitions, frequency – structure correlations, Infrared absorption bands		1	3	
Instrumentation–IR Spectro- meter – sources of IR, Collimating systems, monochromators, sample cells,		1	3	
Sample handling in IR spectroscopy		1	3	
Detectors: Thermocouple, golay cells, thermistor, bolometer, pyroelectric		1	3	
Applications of IR in pharmacy		1	3	
<b>Fluorimetric Analysis:</b> Theory, luminescence, factors affecting fluorescence		1	3	
Quenching, Instrumentation, Applications		1	3	
Fluorescent indicators, study of pharmaceutically important compounds estimated by fluorimetry		1	3	
<b>Flame Photometry:</b> Theory, nebulisation, flame and flame temperature		1	3	
Interferences, flame spectrometric techniques		1	3	
Instrumentation and pharmaceutical applications.		1	3	
Atomic Absorption Spectrometry: Introduction, Theory, types of electrodes		1	3	
Instrumentation and applications		1	3	
Atomic Emission Spectroscopy: Spectroscopic sources, atomic emission spectrometers		1	3	
Photographic and photoelectric detection		1	3	
<b>NMR &amp; ESR (introduction only):</b> Introduction, theoretical aspects and applications.		1	3	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Mass Spectroscopy: (Introduction only) – Fragmentation, types of ions produced mass spectrum and applications.	1	3
Polarimetry: (Introduction only) – Introduction to optical rotatory dispersion, circular dichroism, polarimeter.	1	3
X-RAY Diffraction: (Introduction only) – Theory, reciprocal lattice concept	1	3
Diffraction patterns and applications.	1	3
Thermal Analysis: Introduction, instrumentation, applications of DSC	1	3
Instrumentation, applications of DTA.	1	3

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

#### References:

- 1) Pharm Analysis by Skoog and West, Sounders Manipal College Publishing.
- 2) Textbook of Pharm. Analysis (Practical) by Beckett & Stenlake, CBS Publishers, Delhi.
- 3) Spectroscopy by Silverstein, John & Wiley & Sons. Inc., Canada & Singapore.
- 4) The Science & Practice of Pharmacy by Remington Vol -I & II, Mack Publishing Co. Pennsylvania.
- 5) TLC by Stahl, Spring Verlay.
- 6) Text Book of Pharm. Chemistry by Chatten, CBS Publications.

Faculty In charge

HOD

Dean Academics

Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,  
 Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**PLAN OF STUDY**

Academic year: 2021-22

Subject Code: PHAD2CO2Pr

Subject name: PHARMACEUTICAL ANALYSIS

Course: III PHARMD[RS2]

Total hours: 3Hrs/week

Section: Practical

Practical Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology, and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

SL NO	Topic	Prescribed hrs	Break Up hrs	Methodology
<b>I SESSIONAL</b>				
1.	Separation and identification of Amino Acids by Paper Chromatography	3	3	Chalk Board  Demonstration  Instrumentation Handling
2.	Separation and identification of Sulpha drugs by TLC technique.	3	3	
3.	Effect of pH and solvent on the UV spectrum of given compound.	3	3	
4.	Colourimetric estimation of Supha drugs using BMR reagent.	3	3	
5.	Demonstration of HPLC	3	3	
6.	Demonstration of HPTLC.	3	3	
7.	Demonstration of GC-MS.	3	3	
<b>II SESSIONAL</b>				
8.	Comparison of the UV spectrum of a compound with that of its derivatives.	3	3	Chalk Board  Demonstration  Instrumentation Handling
9.	Determination of dissociation constant of indicators using UV-Visible spectroscopy.	3	3	
10.	Conductometric titration of mixture of acids with a strong base.	3	3	
11.	Potentiometric titration of an acid with a strong base.	3	3	
12.	Estimation of drugs by Fluorimetric technique.	3	3	
13.	Study of quenching effect in fluorimetry.	3	3	
14.	Determination of pKa using pH meter.	3	3	
<b>III SESSIONAL</b>				
15.	Simultaneous estimation of two drugs presents in given formulation.	3	3	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,  
Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

16.	Assay of Salicylic Acid by colorimetry.	3	3	Chalk Board
17.	Determination of Chlorides and Sulphates in Calcium gluconate by Nepheloturbidimetry Method.	3	3	Demonstration
18.	Determination of Na/K by Flame Photometry.	3	3	Instrumentation Handling
19.	Determination of specific rotation	3	3	
20.	Comparison of the IR spectrum of a compound with that of its derivatives.	3	3	
21.	Demonstration of DSC.	3	3	
22.	Interpretation of NMR spectra of any one compound.	3	3	

Faculty Incharge

Dean Academics

HOD

Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-22

Subject Code: PHAD2CO2Th

Subject name: Pharmaceutical Analysis

Course: III Pharm D [RS2]

Total hours: 75 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	4 Hrs	20-12-21	3.10 PM-4.00 PM	Quality Assurance	Introduction, sources and control of quality variation, Concept of statistical quality control	
		24-12-21	9.50 AM-10.40 AM	Quality Assurance	Validation methods	
		27-12-21	3.10 PM-4.00 PM	Quality Assurance	GLP, ISO9000, Total quality management	
		29-12-21	9.00 AM-9.50 AM	Quality Assurance	Harmonization-guidelines and Regulatory control	
2	21 Hrs	05-01-22	9.00 AM-9.50 AM	Chromatography	<b>Column chromatography:</b> Adsorption column chromatography, operational technique	
		10-01-22	3.10 PM-4.00 PM	Chromatography	Frontal analysis and elution analysis	
		12-01-22	9.50 AM-10.40 AM	Chromatography	Factors affecting column efficiency Application and partition chromatography	
		19-01-22	9.50 AM-10.40 AM	Chromatography	<b>TLC:</b> Introduction, principle, techniques	
		24-01-22	3.10 PM-4.00 PM	Chromatography	R <sub>f</sub> value and applications.	
		28-01-22	3.10 PM-4.00 PM	Chromatography	<b>PC:</b> Introduction, principle, types of paper chromatography, Preparation and development techniques, applications	
		31-01-22	3.10 PM-4.00 PM	Chromatography	<b>Ion-exchange chromatography:</b> Introduction, Principles, types of ions exchange resins, physical properties	
		04-02-22	9.50 AM-10.40 AM	Chromatography	Factors affecting on exchange, methodology and applications	
		07-02-22	3.10 PM-4.00 PM	Chromatography	<b>HPLC:</b> Introduction, theory	
		08-02-22	9.50 AM-10.40 AM	Chromatography	Instrumentation and applications	
		09-02-22	9.00 AM-9.50 AM	Chromatography	<b>HPTLC:</b> Introduction, theory	
14-02-22	3.10 PM-4.00 PM	Chromatography	Instrumentation and applications.	As Per Plan		





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		15-02-22	9.50 AM-10.40 AM	Chromatography	<b>GC:</b> Introduction, theory	
		16-02-22	9.00 AM-9.50 AM	Chromatography	Instrumentation-Carrier gases, Types of columns, Stationary phases in GLC and GSC,	
		18-02-22	9.50 AM-10.40 AM	Chromatography	Detectors-Flame ionization detector, electron capture detector	
		21-02-22	3.10 PM-4.00 PM	Chromatography	thermal conductivity detector, typical gas chromatogram	
		22-02-22	9.50 AM-10.40 AM	Chromatography	Derivatization techniques, programmed temperature gas chromatography, applications.	
		25-02-22	9.50 AM-10.40 AM	Chromatography	<b>Electrophoresis:</b> Principles of separation, equipment for paper	
		14-03-22	3.10 PM-4.00 PM	Chromatography	Gel electrophoresis and application	
		15-03-23	9.50 AM-10.40 AM	Chromatography	<b>Gel filtration and affinity chromatography:</b> Introduction, technique,	
		18-03-22	9.50 AM-10.40 AM	Chromatography	Applications	
3	15 Hrs	22-03-22	9.50 AM-10.40 AM	Electrometric methods	<b>Potentiometry:</b> Electrical potential, electrochemical cell, types of electrodes	
		25-03-22	9.50 AM-10.40 AM	Electrometric methods	Measurement of potential and pH	
		28-03-22	3.10 PM-4.00 PM	Electrometric methods	Construction and working of electrodes	
		29-03-22	9.50 AM-10.40 AM	Electrometric methods	Potentiometric titrations	
		01-04-22	9.50 AM-10.40 AM	Electrometric methods	Methods of detecting end point, Karl Fischer titration.	
		04-04-22	3.10 PM-4.00 PM	Electrometric methods	<b>Conductometry:</b> Introduction, conductivity cell	
		05-04-22	9.50 AM-10.40 AM	Electrometric methods	Conductometric titrations	
		11-04-22	3.10 PM-4.00 PM	Electrometric methods	Applications	
		18-04-22	3.10 PM-4.00 PM	Electrometric methods	<b>Polarography:</b> Instrumentation, DME, residual current, diffusion current and limiting current,	
		19-04-22	9.50 AM-10.40 AM	Electrometric methods	Polarographic wave, Ilkovic's equation, Effect of oxygen on Polarographic wave	
		22-04-22	9.50 AM-10.40 AM	Electrometric methods	Polarographic maxima and suppressors and applications.	
		25-04-22	3.10 PM-	Electrometric methods	<b>Amperometric Titrations:</b>	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			4.00 PM		Introduction, types of electrodes used	
		26-04-22	9.50 AM-10.40 AM	Electrometric methods	Reference and indicator electrode	
		27-04-22	9.00-9.50	Electrometric methods	Instrumentation	
		29-04-22	9.50 AM-10.40 AM	Electrometric methods	Titration procedure, advantages, and disadvantages. Pharma applications	
4	35 Hrs	06-05-22	9.50 AM-10.40 AM	Spectroscopy	<b>Absorption Spectroscopy:</b> Theory of electronic, atomic and molecular spectra.	
		09-05-22	3.10 PM-4.00 PM	Spectroscopy	Fundamental laws of photometry	
		10-05-22	9.00-9.50	Spectroscopy	Beer-Lambert's Law, application, deviation, limitation.	
		16-05-22	3.10 PM-4.00 PM	Spectroscopy	Application of the law to single component analysis	
		17-05-22	9.50 AM-10.40 AM	Spectroscopy	Application of multiple component analysis.	
		06-06-22	3.10 PM-4.00 PM	Spectroscopy	Measurement of equilibrium constant and rate constant by spectroscopy	
		07-06-22	9.50 AM-10.40 AM	Spectroscopy	Spectra of isolated chromophores, auxochromes, batho-chromic shift, hypsochromic shift, hyperchromic and hypochromic effect	Conducted as per plan 2/1
		13-06-22	3.10 PM-4.00 PM	Spectroscopy	Effect of solvent on absorption spectra	As per plan 1/1
		14-06-22	9.50 AM-10.40 AM	Spectroscopy	Molecular structure and infrared spectra	13/6/22
		17-06-22	9.50 AM-10.40 AM	Spectroscopy	<b>Instrumentation:</b> Photometer, U.V.-Visible spectrophotometer – sources of U.V-Vis radiations, collimating systems	
		21-06-22	9.50 AM-10.40 AM	Spectroscopy	Monochromators, sample cells, Photocell, Barrier layer cell,	
		24-06-22	9.50 AM-10.40 AM	Spectroscopy	Phototube, Diode array, applications	
		27-06-22	3.10 PM-4.00 PM	Spectroscopy	Spectrophotometric titrations	
		28-06-22	9.50 AM-10.40 AM	Spectroscopy	<b>Infrared Spectroscopy:</b> Vibrational transitions, frequency – structure correlations, Infrared absorption bands	
		01-07-22	9.50 AM-10.40 AM	Spectroscopy	Instrumentation–IR Spectro- meter – sources of IR, Collimating systems, monochromators, sample	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				cells,	
04-07-22	3.10 PM-4.00 PM	Spectroscopy		Sample handling in IR spectroscopy	
05-07-22	9.50 AM-10.40 AM	Spectroscopy		Detectors: Thermocouple, golay cells, thermistor, bolometer, pyroelectric	
08-07-22	9.50 AM-10.40 AM	Spectroscopy		Applications of IR in pharmacy	
11-07-22	3.10 PM-4.00 PM	Spectroscopy		<b>Fluorimetric Analysis:</b> Theory, luminescence, factors affecting fluorescence	
12-07-22	9.50 AM-10.40 AM	Spectroscopy		Quenching, Instrumentation, Applications	
18-7-22	3.10 PM-4.00 PM	Spectroscopy		Fluorescent indicators, study of pharmaceutically important compounds estimated by fluorimetry	
19-07-22	9.50 AM-10.40 AM	Spectroscopy		<b>Flame Photometry:</b> Theory, nebulisation, flame and flame temperature	
22-07-22	11.00-11.50	Spectroscopy		Interferences, flame spectrometric techniques	
25-07-22	3.10 PM-4.00 PM	Spectroscopy		Instrumentation and pharmaceutical applications.	
26-07-22	9.50 AM-10.40 AM	Spectroscopy		Atomic Absorption Spectrometry: Introduction, Theory, types of electrodes	
29-07-22	9.50 AM-10.40 AM	Spectroscopy		Instrumentation and applications	
01-08-22	3.10 PM-4.00 PM	Spectroscopy		Atomic Emission Spectroscopy: Spectroscopic sources, atomic emission spectrometers	As per plan 15/8/22
02-08-22	9.50 AM-10.40 AM	Spectroscopy		Photographic and photoelectric detection	
05-08-22	9.50 AM-10.40 AM	Spectroscopy		<b>NMR &amp; ESR (introduction only):</b> Introduction, theoretical aspects and applications.	
08-08-22	3.10 PM-4.00 PM	Spectroscopy		<b>Mass Spectroscopy: (Introduction only) –</b> Fragmentation, types of ions produced mass spectrum and applications.	
12-08-22	9.50 AM-10.40 AM	Spectroscopy		<b>Polarimetry: (Introduction only)</b> – Introduction to optical rotatory dispersion, circular dichroism, polarimeter.	As per plan 17/8/22
19-08-22	9.50 AM-	Spectroscopy		<b>X-RAY Diffraction:</b>	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		10.40 AM		(Introduction only) – Theory, reciprocal lattice concept	
	22-08-22	3.10 PM-4.00 PM	Spectroscopy	Diffraction patterns and applications.	
	23-08-22	9.50 AM-10.40 AM	Spectroscopy	Thermal Analysis: Introduction, instrumentation, applications of DSC	
	26-08-22	9.50 AM-10.40 AM	Spectroscopy	Instrumentation, applications of DTA.	As per plan 36/8/22

No change in planned schedule

Faculty In charge

Dean Academics

HOD

P. Padua  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-22

Subject Code: PHAD2CO2PR

Subject name: Pharmaceutical Analysis

Course: III Pharm D [RS2]

Total hours: 3 Hrs/week

Section: Practical Batch-I

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	3	20-12-21	9.00 AM - 11.50 AM	Separation and identification of Amino Acids by Paper Chromatography	
2	3	27-12-21	9.00 AM - 11.50 AM	Separation and identification of Sulpha drugs by TLC technique.	
3	3	17-01-22	9.00 AM - 11.50 AM	Effect of pH and solvent on the UV spectrum of given compound.	
4	3	24-01-22	9.00 AM - 11.50 AM	Colorimetric estimation of Supha drugs using BMR reagent.	
5	3	31-01-22	9.00 AM - 11.50 AM	Demonstration of HPLC	
6	3	07-02-22	9.00 AM - 11.50 AM	Demonstration of HPTLC	
7	3	14-02-22	9.00 AM - 11.50 AM	Demonstration of GC-MS	
8	3	21-02-22	9.00 AM - 11.50 AM	Comparison of the UV spectrum of a compound with that of its derivatives.	
9	3	14-03-22	9.00 AM - 11.50 AM	Determination of dissociation constant of indicators using UV-Visible spectroscopy.	
10	3	28-03-22	9.00 AM - 11.50 AM	Conductometric titration of mixture of acids with a strong base.	As per plan 28/3/22
11	3	04-04-22	9.00 AM - 11.50 AM	Potentiometric titration of a acid with a strong base.	
12	3	11-04-22	9.00 AM - 11.50 AM	Estimation of drugs by Fluorimetric technique.	
13	3	18-04-22	9.00 AM - 11.50 AM	Study of quenching effect in fluorimetry.	
14	3	25-04-22	9.00 AM - 11.50 AM	Determination of pKa using pH meter.	
15	3	09-05-22	9.00 AM - 11.50 AM	Simultaneous estimation of two drugs presents in given formulation.	
16	3	16-05-22	9.00 AM - 11.50 AM	Assay of Salicylic Acid by colorimetry.	
17	3	06-06-22	9.00 AM - 11.50 AM	Determination of Chlorides and Sulphates in Calcium gluconate by Nepheloturbidimetry Method.	
18	3	13-06-22	9.00 AM - 11.50 AM	Determination of Na/K by Flame Photometry.	
19	3	27-06-22	9.00 AM -	Determination of specific rotation	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			11.50 AM		
20	3	04-07-22	9.00 AM - 11.50 AM	Comparison of the IR spectrum of a compound with that of its derivatives.	
21	3	11-07-22	9.00 AM - 11.50 AM	Demonstration of DSC.	
22	3	18-07-22	9.00 AM - 11.50 AM	Interpretation of NMR spectra of any one compound.	As per plan 18/7/22

Faculty In charge

*[Handwritten Signature]*

*no change in planned schedule*

*[Handwritten Signature]*  
HOD

Dean Academics

*[Handwritten Signature]*

*[Handwritten Signature]*  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2021-22

Subject Code: MPH202T

Subject name: Advanced Biopharmaceutics & Pharmacokinetics

Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge in Pharmaceutical formulation & development and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfil the requirements of Pharmaceutical Industries, Research and formulation development and also to pursue PhD.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutics, Cosmetics, Pharmaceutical Analysis, Drug regulatory affairs, drug design etc.

Course: II Sem M Pharm [RS5]

Total hours: 60 hours

Section: Theory

### Course Outcomes:

CO1--- Understand the basic concepts in Biopharmaceutics and pharmacokinetics.

CO2--- Understand the use raw data and derive the pharmacokinetic models and parameters the best describes the process of drug absorption, distribution, metabolism and elimination

CO3--- Understand the critical evaluation of Biopharmaceutic studies involving drug product equivalency.

CO4--- Understand the design and evaluation of dosage regimens of the drugs using pharmacokinetic and biopharmaceutic parameters

CO5--- Understand the potential clinical pharmacokinetic problems and apply basic pharmacokinetic principles to solve them.

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Sessional Portions
<b>I Sessional Portion</b>					
1	<b>Drug Absorption from The Gastrointestinal Tract:</b>				
	Gastrointestinal tract, Mechanism of drug absorption,	<b>12 hrs</b>	1	CO1	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	pH-partition theory of drug absorption Factors affecting passive drug absorption,		1	CO1	
	Factors affecting drug absorption: physicochemical factors: Dissolution rate, Dissolution process,		1	CO1	
	Noyes-Whitney equation and drug dissolution, Factors affecting the dissolution rate.		1	CO1	
	Gastrointestinal absorption: role of the dosage form: Solution (elixir, syrup and solution) as a dosage form, Suspension as a dosage form,		1	CO1	
	Capsule as a dosage form, Tablet as a dosage form,		1	CO1	
	Dissolution methods, Formulation and processing factors, Correlation of in vivo data with in vitro dissolution data.		1	CO1	
	Transport model: Permeability-Solubility-Charge State and the pH Partition Hypothesis,		1	CO1	
	Properties of the Gastrointestinal Tract (GIT), pH Microclimate Intracellular pH Environment		1	CO1	
	Tight-Junction Complex, Structure of Octanol, Biopharmaceutics Classification System.		1	CO1	
	Solubility: Experimental methods.	1	CO1		





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Permeability: In-vitro, in-situ and In-vivo methods.		1	CO1	
<b>2</b>	<b>Biopharmaceutic considerations in Drug Product Design &amp; In Vitro Drug Product Performance:</b>				
	Introduction, Biopharmaceutic Factors Affecting Drug Bioavailability, Rate-Limiting Steps in Drug Absorption,	12 hrs	1	CO2	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	Physicochemical Nature of the Drug Formulation		1	CO2	
	Factors Affecting Drug Product Performance, Drug Product Performance,		1	CO2	
	In Vitro: Dissolution and Drug Release Testing,		1	CO2	
	Compendial Methods of Dissolution		1	CO2	
	Alternative Methods of Dissolution Testing		1	CO2	
	Meeting Dissolution Requirements		1	CO2	
	Problems of Variable Control in Dissolution Testing		1	CO2	
	Performance of Drug Products. In Vitro- In Vivo Correlation		1	CO2	
	Dissolution Profile Comparisons		1	CO2	
	Drug Product Stability, Considerations in the Design of a Drug Product,		1	CO2	
	Drug Product Considerations.		1	CO2	
<b>3</b>	<b>Pharmacokinetics:</b>				
	Basic considerations, Pharmacokinetic models, Compartment modelling: One compartment model- IV bolus	6 hrs	1	CO3	1. Journal Club 2. Chalk-Board 3. PPT presentation
	One compartment model-IV infusion		1	CO3	
	One compartment model- Extravascular		1	CO3	
	Multi Compartment model: Two compartment - model in brief		1	CO3	
	Non-Linear Pharmacokinetics: Cause of non-linearity		1	CO3	
	Michaelis - Menten equation		1	CO3	
<b>II Sessional Portion</b>					
	Estimation K <sub>max</sub> and V <sub>max</sub> .	6 hrs	1	CO3	4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	Drug interactions: Introduction,		1	CO3	
	The effect of protein-binding interactions,		1	CO3	
	The effect of tissue-binding interactions		1	CO3	
	Cytochrome P450-based drug interactions		1	CO3	
	Drug interactions linked to transporters		1	CO3	
<b>4</b>	<b>Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence:</b>				
	Drug Product Performance, Purpose of Bioavailability Studies, Relative and Absolute Availability	12 hrs	1	CO5	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	Methods for Assessing Bioavailability		1	CO5	
	Bioequivalence Studies, Design and Evaluation of Bioequivalence Studies		1	CO4	
	Study Designs, Crossover Study Designs		1	CO4	
	Evaluation of the Data		1	CO4	
	Bioequivalence Example		1	CO4	
	Study Submission and Drug Review Process		1	CO4	
	Biopharmaceutics Classification System		1	CO5	
	Generic Biologics (Biosimilar Drug Products)		1	CO5	
	Clinical Significance of Bioequivalence Studies		1	CO5	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Special Concerns in Bioavailability and Bioequivalence Studies		1	CO5	
	Generic Substitution		1	CO5	
5	<b>Application of Pharmacokinetics:</b>				
	Modified-Release Drug Products	<b>12 hrs</b>	1	CO5	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	Targeted Drug Delivery Systems		1	CO5	
	Biotechnological Products		1	CO5	
	Pharmacokinetic		1	CO5	
	Pharmacodynamic		1	CO5	
	Drug interactions		1	CO5	
	Pharmacokinetics of biotechnology drugs		1	CO5	
	Pharmacodynamics of biotechnology drugs		1	CO5	
	Introduction, Proteins and peptides		1	CO5	
	Monoclonal antibodies		1	CO5	
	Oligonucleotides, Vaccines (immunotherapy)		1	CO5	
	Gene therapies		1	CO5	

## References:

1. Biopharmaceutics and Clinical Pharmacokinetics by Milo Gibaldi, 4<sup>th</sup> edition, Philadelphia, Lea and Febiger, 1991
2. Biopharmaceutics and Pharmacokinetics, A. Treatise, D.M. Brahmankar and Sunil B. Jaiswal, Vallab Prakashan, Pitampura, Delhi
3. Applied Biopharmaceutics and Pharmacokinetics by Shargel, Land YuABC, 2<sup>nd</sup> edition, Connecticut Appleton Century Crofts, 1985
4. Textbook of Biopharmaceutics and Pharmacokinetics, Dr. Shobha Rani R. Hiremath, Prism Book
5. Pharmacokinetics by Milo Gibaldi and D. Perrier, 2<sup>nd</sup> edition, Marcel Dekker Inc., New York, 1982
6. Current Concepts in Pharmaceutical Sciences: Biopharmaceutics, Swarbrick, J, Lea and Febiger, Philadelphia, 1970
7. Clinical Pharmacokinetics, Concepts and Applications 3<sup>rd</sup> edition by Malcolm Rowland and Thom~ N. Tozer, Lea and Febiger, Philadelphia, 1995
8. Dissolution, Bioavailability and Bioequivalence, Abdou. H.M, Mack Publishing Company, Pennsylvania 1989
9. Biopharmaceutics and Clinical Pharmacokinetics, An Introduction, 4<sup>th</sup> edition, revised and expanded by Robert. E. Notari, Marcel Dekker Inc, New York and Basel, 1987.
10. Biopharmaceutics and Relevant Pharmacokinetics by John. G Wagner and M. Pamarowski, 1<sup>st</sup> edition, Drug Intelligence Publications, Hamilton, Illinois, 1971.
11. Encyclopedia of Pharmaceutical Technology, Vol 13, James Swarbrick, James. G. Boylan, Marcel Dekker Inc, New York, 1996.
12. Basic Pharmacokinetics, 1<sup>st</sup> edition, Sunil S Jambhekar and Philip J Breen, Pharmaceutical press, RPS Publishing, 2009.
13. Absorption and Drug Development- Solubility, Permeability, and Charge State, Alex Avdeef, John Wiley & Sons, Inc, 2003.

Faculty In charge

Dean Academics

HOD

Principal





Lesson Plan

Academic year: 2021-22

Subject Code: MPH202T

Subject name: Advanced Biopharmaceutics & Pharmacokinetics

Course: II Sem M Pharm [RS5]

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 Hrs	11-8-2022	9:00 AM-9:50 AM	Drug Absorption from The Gastrointestinal Tract	Introduction, Gastrointestinal tract, Mechanism of drug absorption	
		11-8-2022	11:00 AM-11:50 AM	Drug Absorption from The Gastrointestinal Tract	Factors affecting passive drug absorption	
		11-8-2022	1:30 PM-2:20 PM	Drug Absorption from The Gastrointestinal Tract	pH-partition theory of drug absorption.	
		12-8-2022	11:00 AM-11:50 AM	Drug Absorption from The Gastrointestinal Tract	Factors affecting drug absorption: physicochemical factors: Dissolution rate, Dissolution process	
		12-8-2022	1:30 PM-2:20 PM	Drug Absorption from The Gastrointestinal Tract	Noyes-Whitney equation and drug dissolution, Factors affecting the dissolution rate.	
		16-8-2022	1:30 PM-2:20 PM	Drug Absorption from The Gastrointestinal Tract	Gastrointestinal absorption: role of the dosage form: Solution (elixir, syrup and solution) as a dosage form,	
		18-8-2022	9:00 AM-9:50 AM	Drug Absorption from The Gastrointestinal Tract	Suspension as a dosage form, Capsule as a dosage form, Tablet as a dosage form,	
		18-8-2022	11:00 AM-11:50 AM	Drug Absorption from The Gastrointestinal Tract	Dissolution methods, Formulation and processing factors, Correlation of in vivo data with in vitro dissolution data.	
		19-8-2022	11:00 AM-11:50 AM	Drug Absorption from The Gastrointestinal Tract	Transport model: Permeability-Solubility-Charge State and the pH Partition Hypothesis	
		23-8-2022	1:30 PM-2:20 PM	Drug Absorption from The	Properties of the Gastrointestinal Tract (GIT),	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				Gastrointestinal Tract	pH Microclimate Intracellular pH Environment, Tight Junction Complex	
		25-8-2022	9:00 AM-9:50 AM	Drug Absorption from The Gastrointestinal Tract	Structure of Octanol, Biopharmaceutics Classification System.	
		25-8-2022	11:00 AM-11:50 AM	Drug Absorption from The Gastrointestinal Tract	Solubility: Experimental methods, Permeability: In-vitro, in-situ and In-vivo methods.	
2	12 Hrs	26-8-2022	11:00 AM-11:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Introduction, Biopharmaceutic Factors Affecting Drug Bioavailability	
		1-9-2022	9:00 AM-9:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Rate-Limiting Steps in Drug Absorption, Physicochemical Nature of the Drug Formulation	
		1-9-2022	11:00 AM-11:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Factors Affecting Drug Product Performance,	
		2-9-2022	9:50 AM-10:40 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Drug Product Performance, In Vitro: Dissolution and Drug Release Testing,	
		2-9-2022	11:00 AM-11:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Compendial Methods of Dissolution	
		6-9-2022	1:30 PM-2:20 PM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product	Alternative Methods of Dissolution Testing,	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		Performance				
		6-9-2022	2:20 PM- 3:10 PM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Meeting Dissolution Requirements	
		8-9-2022	9:00 AM- 9:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Problems of Variable Control in Dissolution Testing	
		8-9-2022	11:00 AM- 11:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Performance of Drug Products. In Vitro-In Vivo Correlation	
		9-9-2022	11:00 AM- 11:50 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Dissolution Profile Comparisons	<i>classmate's registration card 15/9/22</i>
		9-9-2022	1:30 PM - 2:20 PM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Drug Product Stability, Considerations in the Design of a Drug Product	
		13-9-2022	9:50 AM- 10:40 AM	Biopharmaceutic considerations in Drug Product Design & In Vitro Drug Product Performance	Drug Product Considerations	<i>at the place 13/9/22</i>
3	12 Hrs	13-9-2022	1:30 PM - 2:20 PM	Pharmacokinetics	Basic considerations, Pharmacokinetic models	<i>at the place 13/9/22</i>
		15-9-2022	9:00 AM - 9:50 AM	Pharmacokinetics	Compartment modelling: One compartment model- IV bolus	
		15-9-2022	11:00 AM- 11:50 AM	Pharmacokinetics	IV infusion, Extravascular	
		16-9-2022	11:00 AM- 11:50 AM	Pharmacokinetics	Multi Compartment model: Two compartment - model in brief	
		26-9-2022	1:30 PM-	Pharmacokinetics	Non-Linear Pharmacokinetics	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			2:20 PM		
		27-9-2022	1:30 PM- 2:20 PM	Pharmacokinetics	Cause of non-linearity, Michaelis - Menten equation
		28-9-2022	2:20 PM- 3:10 PM	Pharmacokinetics	Estimation K <sub>max</sub> and V <sub>max</sub> .
		6-10-2022	9:00 AM - 9:50 AM	Pharmacokinetics	Drug interactions: Introduction
		6-10-2022	11:00 AM- 11:50 AM	Pharmacokinetics	The effect of protein-binding interactions
		7-10-2022	9:50 AM - 10:40 AM	Pharmacokinetics	The effect of tissue-binding interactions
		7-10-2022	11:00 AM- 11:50 AM	Pharmacokinetics	Cytochrome P450-based drug interactions
		10-10-2022	9:50 AM - 10:40 AM	Pharmacokinetics	Drug interactions linked to transporters
4	12 Hrs	10-10-2022	1:30 PM - 2:20 PM	Drug Product Performance, In- Vivo: Bioavailability and Bioequivalence	Drug Product Performance, Purpose of Bioavailability Studies, Relative and Absolute Availability.
		11-10-2022	1:30 PM- 2:20 PM	Drug Product Performance, In- Vivo: Bioavailability and Bioequivalence	Methods for Assessing Bioavailability
		12-10-2022	2:20 PM - 3:10 PM	Drug Product Performance, In- Vivo: Bioavailability and Bioequivalence	Bioequivalence Studies, Design and Evaluation of Bioequivalence Studies
		13-10-2022	9:00 AM - 9:50 AM	Drug Product Performance, In- Vivo: Bioavailability and Bioequivalence	Study Designs, Crossover Study Designs
		14-10-2022	9:50 AM- 10:40 AM	Drug Product Performance, In- Vivo: Bioavailability and Bioequivalence	Evaluation of the Data
		14-10-2022	11:00 AM- 11:50 AM	Drug Product Performance, In- Vivo:	Bioequivalence Example



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				Bioavailability and Bioequivalence		
		15-10-2022	11:00 AM-11:50	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Study Submission and Drug Review Process	
		18-10-2022	1:30 PM-2:20 PM	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Biopharmaceutics Classification System	
		19-10-2022	2:20 PM-3:10 PM	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Generic Biologics (Biosimilar Drug Products)	<i>Classes are conducted on 8 &amp; 11/11/22</i>
		20-10-2022	9:00 AM - 9:50 AM	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Clinical Significance of Bioequivalence Studies	
		20-10-2022	9:50 AM-10:40AM	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Special Concerns in Bioavailability and Bioequivalence Studies	
		20-10-2022	11:00 AM-11:50 AM	Drug Product Performance, In-Vivo: Bioavailability and Bioequivalence	Generic Substitution	
5	12 Hrs	21-10-2022	9:50 AM-10:40 AM	Application of Pharmacokinetics	Modified-Release Drug Products	
		22-10-2022	11:00 AM - 11:50 AM	Application of Pharmacokinetics	Targeted Drug Delivery Systems	
		25-10-2022	11:50 AM-12:40 PM	Application of Pharmacokinetics	Biotechnological Products	
		25-10-2022	1:30 PM-	Application of	Pharmacokinetic	<i>As per the plan</i>





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			2:20 PM	Pharmacokinetics		
		26-10-2022	1:30 PM- 2:20 PM	Application of Pharmacokinetics	Pharmacodynamic	
		26-10-2022	2:20 PM - 3:10 PM	Application of Pharmacokinetics	Drug interactions	
		27-10-2022	9:00 AM - 9:50 AM	Application of Pharmacokinetics	Pharmacokinetics of biotechnology drugs	
		27-10-2022	9:50 AM - 10:40 AM	Application of Pharmacokinetics	Pharmacodynamics of biotechnology drugs	
		29-10-2022	11:00 AM- 11:50 AM	Application of Pharmacokinetics	Introduction, Proteins and peptides	
		29-10-2022	11:50 PM - 12:40 PM	Application of Pharmacokinetics	Monoclonal antibodies	
		31-10-2022	11:00 PM- 11:50 PM	Application of Pharmacokinetics	Oligonucleotides, Vaccines (immunotherapy)	
		31-10-2022	11:50 PM - 12:40 PM	Application of Pharmacokinetics	Gene therapies	

*no change in planned schedule.*

Faculty In charge

HOD

Dean Academics

Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2021-2022

Course: M. PHARM I Sem

Subject Code: MPL103T

Total hours: 60 Hrs

Subject name: Cellular and Molecular Pharmacology

Section: Theory

Course Objectives: The Objective of this course is to

- Imbibe the concept of better patient health care at every face of Health-related activities.
- Should be capable of functioning independently in both rural and urban environment.
- Appraise fellow professionals in Hospitals, Community and Industry of newer developments in pharmacy.
- Be a part of all National & International sponsored health education programmes.
- Educate the community about disease prevention measures, community hygiene and better health.
- Inculcate critical thinking, clarity of expression, independent thinking and scientific temperament.
- Encourage active learning methods like group discussions, Seminars, peer interactions etc., which would enable students to develop discipline, personality, communicating skills, and other qualities, which are necessary.
- Be able to produce and market dosage forms and be responsible in minimizing the pollution hazards, by using proper scientific and logical techniques.

### Course Outcomes:

CO1--- Explain the receptor signal transduction processes.

CO2--- Explain the molecular pathways affected by drugs.

CO3--- Appreciate the applicability of molecular pharmacology and biomarkers in drug discovery process.

CO 4--- Demonstrate molecular biology techniques as applicable for pharmacology

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>I SESSIONAL 30 hrs)</b>					
i	Cell Biology: Structure and Functions of Cell	12 hrs	1	2	1. Chalk-Board 2. PPT presentation 3. Group Discussion
	Genome Organisation		1	2	
	Gene expression and its regulation		1	2	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Gene expression and its regulation		1	2	4. e- content
	Importance of Si RNA		1	2	5.ICT
	Importance of Micro RNA		1	2	6. LMS
	Gene mapping		1	2	7.MOOCs/Swayam
	Gene Sequencing		1	2	
	Cell cycle and its regulation		1	2	
	Cell Death - Apoptosis		1	2	
	Necrosis		1	2	
	Autophagy		1	2	
2	Classification of receptor families	12 hrs	1	1	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
	GPCR-G- Protein coupled Receptors		1	1	
	Tyrosine Kinase and Nuclear receptors		1	1	
	Secondary Messengers- Calcium Ion		1	1	
	Secondary Messengers IP3		1	1	
	Secondary Messengers- cAMP		1	1	
	Secondary Messengers DAG		1	1	
	Secondary Messengers-cGMP,		1	1	
	Secondary Messengers- NO		1	1	
	Cyclic AMP Pathway		1	1	
	MAP kinase Pathway		1	1	
	JAK-STAT PATHWAY	1	1		
3 .A	DNA Electrophoresis	6hrs	1	4	1. Chalk-Board
	PCR		1	4	2. PPT presentation
	SDS page		1	4	3. Group Discussion
	ELISA		1	4	
	WESTREN BLOTTING		1	4	4. e- content



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Microarray Technique		1	4	5.ICT 6. LMS 7.MOOCs/Swayam
<b>II SESSIONAL (30 HRS)</b>					
<b>3.B</b>	RDNA technology- Principle	6hrs	1	4	1. Chalk-Board
	RDNA technology- Restriction Enzymes		1	4	2. PPT presentation
	Various types of Vectors		1	4	3. Group Discussion
	Applications of RDNA technology		1	4	4. e- content
	Various types of gene transfer Techniques		1	4	5.ICT
	Clinical Applications and recent advances in gene therapy		1	4	6. LMS 7.MOOCs/Swayam
<b>4</b>	Gene mapping and cloning of disease	12 hrs	1	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
	Gene variations		1	3	
	Polymorphism affecting drug metabolism		1	3	
	Gene variations in drug transporters		1	3	
	Gene variations in GPCR		1	3	
	Applications of Proteomics		1	3	
	Applications of Genomics		1	3	
	Applications of Metabolomics		1	3	
	Applications of nutrigenomics		1	3	
	Types of Immunotherapeutic		1	3	
	Humanisation antibody therapy		1	3	
Immunotherapeutic in Clinical practise	1	3			
<b>5</b>	Basic equipment's in cell culture lab	12 hrs	1	4	1. Chalk-Board
	Cell culture media		1	4	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Various types of cell culture	1	4	2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
Isolation of cells	1	4	
Sub culture	1	4	
Cryopreservation	1	4	
Characterisation of cells and their application	1	4	
Cell viability assays	1	3	
Glucose uptake assays	1	3	
Calcium influx assay	1	3	
Flow cytometry	1	4	
Biosimilars	1	4	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

Duration of Seminar hours: 1 hour per week according to the prescribed syllabus

**References:**

1. The cell, A molecular Approach. Geoffrey M COPPER
2. Pharmacogenomics: The search of Individualised Therapies, Edited by J. Licino and M L Wong.
3. Handbook of cell signalling edited by Ralph A *et al.*,
4. Molecular Pharmacology from DNA to drug discovery John Dickenson

*Anjali*  
Faculty In charge  
(Anjali Raj)  
Dean Academics

*Shivastava.*  
HOD

*P. Padma*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-2022

Subject Code: MPL103T

Subject name: Cellular and Molecular Pharmacology

Course: I Sem M Pharm PHARMACOLOGY

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 hrs	21/1/2022	9:50 AM-10:40 AM	Unit-I	Cell Biology: Structure and Functions of Cell	
		21/1/2022	1:30 PM-2:00 PM	Unit-I	Genome Organisation	
		24/1/2022	3:10 PM-4:00 PM	Unit-I	Gene expression and its regulation	
		25/1/2022	11:50 AM-12:40 PM	Unit-I	Gene expression and its regulation	
		28/1/2022	9:50 AM-10:40 AM	Unit-I	Importance of Si RNA	
		31/1/2022	1:30 PM-2:00 PM	Unit-I	Importance of Micro RNA	
		1/2/2022	3:10 PM-4:00 PM	Unit-I	Gene mapping	
		2/2/2022	11:50 AM-12:40 PM	Unit-I	Gene Sequencing	
		4/2/2022	9:50 AM-10:40 AM	Unit-I	Cell cycle and its regulation	
		7/2/2022	1:30 PM-2:00 PM	Unit-I	Cell Death - Apoptosis	As per plan
		8/2/2022	3:10 PM-4:00 PM	Unit-I	Necrosis	As per plan
		9/2/2022	11:50 AM-12:40 PM	Unit-I	Autophagy	As per plan of study, lesson plan has been conducted
2	12 Hrs	11/2/2022	9:50 AM-10:40 AM	Unit-II	Classification of receptor families	As per plan
		14/2/2022	1:30 PM-2:00 PM	Unit-II	GPCR-G- Protein coupled Receptors	As per plan
		15/2/2022	3:10 PM-4:00 PM	Unit-II	Tyrosine Kinase and Nuclear receptors	As per plan
		16/2/2022	11:50 AM-12:40 PM	Unit-II	Secondary Messengers- Calcium Ion	As per plan
		18/2/2022	9:50 AM-10:40 AM	Unit-II	Secondary Messengers IP3	As per plan
		21/2/2022	1:30 PM-2:00 PM	Unit-II	Secondary Messengers- cAMP	As per plan





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		23/2/2022	3:10 PM-4:00 PM	Unit-II	Secondary Messengers DAG	
		25/2/2022	11:50 AM-12:40 PM	Unit-II	Secondary Messengers-cGMP,	
		28/2/2022	9:50 AM-10:40 AM	Unit-II	Secondary Messengers- NO	
		2/3/2022	1:30 PM-2:00 PM	Unit-II	Cyclic AMP Pathway	
		4/3/2022	3:10 PM-4:00 PM	Unit-II	MAP kinase Pathway	
		4/3/2022	11:50 AM-12:40 PM	Unit-II	JAK-STAT PATHWAY	
3	12 Hrs	4/3/2022	9:50 AM-10:40 AM	Unit-III	DNA Electrophoresis	
		5/3/2022	1:30 PM-2:00 PM	Unit-III	PCR	
		5/3/2022	3:10 PM-4:00 PM	Unit-III	SDS page	
		7/3/2022	11:50 AM-12:40 PM	Unit-III	ELISA	
		12/3/2022	9:50 AM-10:40 AM	Unit-III	WESTREN BLOTTING	
		12/3/2022	1:30 PM-2:00 PM	Unit-III	Microarray Technique	
		14/3/2022	3:10 PM-4:00 PM	Unit-III	RDNA technology- Principle	
		14/3/2022	11:50 AM-12:40 PM	Unit-III	RDNA technology- Restriction Enzymes	
		15/3/2022	9:50 AM-10:40 AM	Unit-III	Various types of Vectors	
		16/3/2022	1:30 PM-2:00 PM	Unit-III	Applications of RDNA technology	
		17/3/2022	3:10 PM-4:00 PM	Unit-III	Various types of gene transfer Techniques	As per plan of study lesson plan has been conducted 28/03/22
		18/3/2022	11:50 AM-12:40 PM	Unit-III	Clinical Applications and recent advances in gene therapy	
4	12Hrs	21/3/2022	9:50 AM-10:40 AM	Unit IV	Gene mapping and cloning of disease	
		23/3/2022	1:30 PM-2:00 PM	Unit IV	Gene variations	
		25/3/2022	3:10 PM-4:00 PM	Unit IV	Polymorphism affecting drug metabolism	



Estd. 1974

Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		25/3/2022	11:50 AM-12:40 PM	Unit IV	Gene variations in drug transporters	
		5/4/2022	9:50 AM-10:40 AM	Unit IV	Gene variations in GPCR	
		6/4/2022	1:30 PM-2:00 PM	Unit IV	Applications of Proteomics	
		8/4/2022	3:10 PM-4:00 PM	Unit IV	Applications of Genomics	
		11/4/2022	11:50 AM-12:40 PM	Unit IV	Applications of Metabolomics	
		12/4/2022	9:50 AM-10:40 AM	Unit IV	Applications of nutrigenomics	
		13/4/2022	1:30 PM-2:00 PM	Unit IV	Types of Immunotherapeutic	
		18/4/2022	3:10 PM-4:00 PM	Unit IV	Humanisation antibody therapy	
		19/4/2022	11:50 AM-12:40 PM	Unit IV	Immunotherapeutic in Clinical practise	
5	12 Hrs	20/4/2022	9:50 AM-10:40 AM	Unit V	Basic equipment's in cell culture lab	
		22/4/2022	1:30 PM-2:00 PM	Unit V	Cell culture media	
		23/4/2022	3:10 PM-4:00 PM	Unit V	Various types of cell culture	
		25/4/2022	11:50 AM-12:40 PM	Unit V	Isolation of cells	
		27/4/2022	9:50 AM-10:40 AM	Unit V	Sub culture	
		29/4/2022	1:30 PM-2:00 PM	Unit V	Cryopreservation	
		4/5/2022	3:10 PM-4:00 PM	Unit V	Characterisation of cells and their application	
		6/5/2022	11:50 AM-12:40 PM	Unit V	Cell viability assays	
		9/5/2022	9:50 AM-10:40 AM	Unit V	Glucose uptake assays	
		10/5/2022	1:30 PM-2:00 PM	Unit V	Calcium influx assay	
		11/5/2022	3:10 PM-4:00 PM	Unit V	Flow cytometry	

*As per copy  
11/5/22*





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

As per plan  
of study,  
lesson  
plan conducted  
11/5/22  
Shrivastava

		13/5/2022	11:50 AM- 12:40 PM	Unit V	Biosimilars
--	--	-----------	--------------------------	--------	-------------

No change in planned schedule

*Anjali*

Faculty In charge

(Anjali Rai)

*[Signature]*

Dean Academics

*Shrivastava*  
HOD

*P. Padma*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**PLAN OF STUDY**

Academic year: 2021-22

Course: I SEM M. Pharm (RS6)

Subject Code: MPL-104P

Total hours: 6Hrs/Week

Subject name: Pharmacology Practical-I

Section: Practical

**Course Objectives:** The objectives of this course is:

- To uphold all laws, regulations, safety and ethical standards that apply to the experimental procedures in animals and the environment and Acquire practical knowledge in various analytical techniques used in molecular biology
- To impart adequate hands-on training in various animal models and determine the effects of drugs using animal models and train the students in using suitable statistical methods for interpretation of results.
- To provide practical inputs in pharmacokinetic studies of various drugs and formulations in animals to establish in-vitro and in-vivo correlations and prepare the students in teamwork, lifelong learning and continuous improvement

**Course Outcomes:**

Upon completion of the course, student shall be able to:

CO	Description
CO1	Handle animals and efficiently perform blood collection
CO2	Demonstrate various screening methods for different classes of drugs
CO3	Decide and select feasible experiments for research studies
CO4	Demonstrate basic molecular biology techniques
CO5	Demonstrate various in-vitro studies assays





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S. NO	Topic	Prescribed hrs	Break Up hrs	Methodology
1.	Various routes of drug administration and Techniques of blood sampling, anaesthesia and euthanasia of experimental animals	6	6	Chalk Board Demonstration Instrument handling
2.	Functional observation battery tests (modified Irwin test) and Evaluation of CNS stimulant, depressant, anxiogenics and anxiolytic, anticonvulsant activity.	6	6	
3.	Evaluation of analgesic, anti-inflammatory, local anaesthetics, mydriasis mitotic and diuretic activity	6	6	
4.	Evaluation of antiulcer activity by pylorus ligation method.	6	6	
5.	Isolation and identification of DNA from various sources (Bacteria, Cauliflower, onion, Goat liver) and RNA from yeast.	6	6	
6.	Estimation of proteins by Bradford/Lowry's in biological samples and gene amplification by PCR.	6	6	
7.	Estimation of RNA/DNA by UV Spectroscopy and Protein quantification Western Blotting	6	6	Chalk Board Demonstration Instrument handling
8.	Enzyme based in-vitro assays (MPO, AChEs, $\alpha$ amylase, $\alpha$ glucosidase).	6	6	
9.	Cell viability assays (MTT/Trypan blue/SRB) and DNA fragmentation assay by agarose gel electrophoresis.	6	6	
10.	DNA damage study by Comet assay and Apoptosis determination by fluorescent imaging studies.	6	6	
11.	Pharmacokinetic studies and data analysis of drugs given by different routes of administration using software	6	6	
12.	Enzyme inhibition and induction activity	6	6	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## REFERENCES

1. CPCSEA, OECD, ICH, USFDA, Schedule Y, EPA guidelines,
2. Fundamentals of experimental Pharmacology by M.N.Ghosh
3. Handbook of Experimental Pharmacology by S.K. Kulkarni.
4. Drug discovery and Evaluation by Vogel H.G.
5. Spectrometric Identification of Organic compounds - Robert M Silverstein,
6. Principles of Instrumental Analysis - Douglas A Skoog, F. James Holler, Timothy A. Nieman,
7. Vogel's Text book of quantitative chemical analysis - Jeffery, Basset, Mendham, Denney,
8. Basic Cell Culture protocols by Cheril D. Helgason and Cindy L.Mille
9. Basic Cell Culture (Practical Approach) by J. M. Davis (Editor)
10. Animal Cell Culture: A Practical Approach by John R. Masters (Editor)
11. Practical Manual of Experimental and Clinical Pharmacology by Bikash Medhi(Author),  
Ajay Prakash (Author) Jaypee brothers' medical publishers Pvt.

*N. Sivastava.*

**Faculty-Incharge**

*Dr. Neelam Sivastava*

*[Signature]*  
**Dean Academics**

*N. Sivastava.*

**HOD**

*Dr. Neelam Sivastava*

*P. Padma*  
**Principal**





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2021-2022

Course: I Sem M Pharm PHARMACOLOGY

Subject Code: MPL104P

Total hours: 6 Hrs/ WEEK

Subject name: Pharmacology Practical-I

Section: Practical

S.NO	Prescribed Hrs	Date	Time	Experiments Covered	Remarks
1.	6 hrs	24/1/22	9:00 AM-3:10 PM	Various routes of drug administration and Techniques of blood sampling,	
2.	6 hrs	31/1/22	9:00 AM-3:10 PM	anaesthesia and euthanasia of experimental animals Functional observation battery tests (modified Irwin test)	
3.	6 hrs	14/2/22	9:00 AM-3:10 PM	Evaluation of CNS stimulant, depressant, anxiogenics and anxiolytic, anticonvulsant activity.	
4.	6 hrs	21/2/2022	9:00 AM-3:10 PM	Evaluation of antiulcer activity by pylorus ligation method.	
5.	6 hrs	7/3/2022	9:00 AM-3:10 PM	Isolation and identification of DNA from various sources (Bacteria, Cauliflower, onion, Goat liver) and RNA from yeast.	As per plan 7/3/22
6.	6 hrs	14/3/2022	9:00 AM-3:10 PM	Estimation of proteins by Bradford/Lowry's in biological samples and gene amplification by PCR.	
7.	6 hrs	21/3/2022	9:00 AM-3:10 PM	Evaluation of analgesic, anti-inflammatory,	
8.	6 hrs	4/4/2022	9:00 AM-3:10 PM	Estimation of RNA/DNA by UV Spectroscopy and Protein quantification Western Blotting	
9.	6 hrs	11/4/2022	9:00 AM-3:10 PM	Enzyme based in-vitro assays (MPO, AChEs, $\alpha$ amylase, $\alpha$ glucosidase).	
10.	6 hrs	18/4/2022	9:00 AM-3:10 PM	Cell viability assays (MTT/Trypan blue/SRB)	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

11.	6 hrs	25/4/2022	9:00 AM-3:10 PM	DNA damage study by Comet assay.	
12.	6 hrs	9/5/2022	9:00 AM-3:10 PM	Pharmacokinetic studies and data analysis of drugs given by different routes of administration using software	
13.	6 hrs	16/5/2022	9:00 AM-3:10 PM	Enzyme inhibition and induction activity	
14.	6 hrs	23/5/2022	9:00 AM-3:10 PM	Evaluation of local anaesthetics, mydriasis mitotic and diuretic activity	As per plan 23/5/22
15.	6 hrs	30/5/2022	9:00 AM-3:10 PM	Apoptosis determination by fluorescent imaging studies	
16.	6 hrs	6/6/2022	9:00 AM-3:10 PM	DNA fragmentation assay by agarose gel electrophoresis.	

*No change in planned schedule*

*N. Srivastava*

Faculty In charge

DR. NOOPUR SRIVASTAVA

Dean Academics

*N. Srivastava*

HOD

Dr. Noopur Srivastava

*P. Padma*

Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Plan of Study

Academic year: 2020-21

Subject Code: BP501T

Subject name: Medicinal Chemistry –II

Course: V Sem B. Pharm (RS5)

Total hours: 45

Section: Theory

**Course Objectives:** The Objective of this course is to

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfil the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of pharmaceutical formulation & development, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

**Course Outcomes:**

CO1--- To understand the chemistry of drugs with respect to their pharmacological activity.

CO2--- To understand the drug metabolic pathways, adverse effect and therapeutic value of drugs.

CO3--- To know the Structural Activity Relationship (SAR) of different class of drugs.

CO4--- To know the chemical synthesis of some drugs.

S. No	Topic	Prescribed hours	Break up hrs	CO	Methodology
<b>I sessional (23 Hrs)</b>					
1.	H1-antagonists drugs: Diphenhydramine hydrochloride, Dimenhydrinate, Doxylamines Succinate, Clemastine fumarate, Diphenylpyraline hydrochloride, Tripelenamine hydrochloride	10	1	1	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Chlorcyclizine hydrochloride, Meclizine, hydrochloride, Buclizine hydrochloride, Chlorpheniramine maleate, Triprolidine, hydrochloride*, Phenidamine tartrate		1	4	
	Promethazine hydrochloride*, Trimeprazine tartrate, Cyproheptadine hydrochloride, Azatidine maleate, Astemizole, Loratadine, Cetirizine, Levocetrazine Cromolyn sodium		1	1	
	H2-antagonists: Cimetidine*, Famotidine, Ranitidin		1	4	
	Gastric Proton pump inhibitors: Omeprazole, Lansoprazole, Rabeprazole, Pantoprazole		1	4	
	<b>Anti-neoplastic agents:</b>		1	1	
	Alkylating agents: Meclroethamine*, Cyclophosphamide, Melphalan, Chlorambucil, Busulfan, Thiotepe		1	4	
	Antimetabolites: Mercaptopurine*, Thioguanine, Fluorouracil, Floxuridine, Cytarabine, Methotrexate*,		1	4	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Azathioprine				
	Antibiotics: Dactinomycin, Daunorubicin, Doxorubicin, Bleomycin		1	1	
	Plant products: Etoposide, Vinblastin sulphate, Vincristin sulphate		1	1	
2.	<b>Anti-Anginal agents:</b> Vasodilators: Amyl nitrite, Nitroglycerin*, Pentaerythritoltetranitrate, Isosorbide, dinitrite*, Dipyridamole	10	1	3	
	Calcium channel blockers: Verapamil, Bepridil hydrochloride, Diltiazem hydrochloride, Nifedipine, Amlodipine, Felodipine, Nicardipine, Nimodipine		1	1	
	<b>Diuretics:</b> Carbonic anhydrase inhibitors: Acetazolamide*, Methazolamide, Dichlorphenamide.		1	4	
	Thiazides: Chlorthiazide*, Hydrochlorothiazide, Hydroflumethiazide, Cyclothiazide		1	4	
	Loop diuretics: Furosemide*, Bumetanide, Ethacrynic acid		1	2	
	<b>Anti-hypertensive Agents:</b> Potassium sparing Diuretics: Spironolactone, Triamterene, Amiloride		1	4	
	Osmotic Diuretics: Mannitol		1	1	
	Timolol, Captopril, Lisinopril, Enalapril, Benazepril hydrochloride, Quinapril hydrochloride		1	2	
	Methyldopate hydrochloride,* Clonidine hydrochloride, Guanethidinemonosulphate		1	4	
	Guanabenz acetate, Sodium nitroprusside, Diazoxide, Minoxidil, Reserpine, Hydralazine hydrochloride		1	2	
3.	Quinidine sulphate, Procainamide hydrochloride, Disopyramide phosphate	10	1	1	
	Phenytoin sodium, Lidocaine hydrochloride, Tocainide hydrochloride		1	1	
	Mexiletine hydrochloride, Lorcaïnide hydrochloride, Amiodarone, Sotalol.		1	2	
	<b>II sessional (22 Hrs)</b>				
	Anti-hyperlipidemic agents: Clofibrate, Lovastatin, Cholesteramine and Cholestipol		1	2	
	Coagulant & Anticoagulants: Menadione		1	1	
	Acetomenadione, Warfarin*,		1	4	
	Anisindione, clopidogrel		1	1	
	Drugs used in Congestive Heart Failure: Digoxin		1	1	
	Digitoxin, Nesiritide		1	1	
	Bosentan, Tezosentan		1	1	
4.	<b>Drugs acting on Endocrine system:</b> Nomenclature, Stereochemistry and metabolism of steroids	8	1	1	

1. Chalk-Board

2. PPT

presentation

3. Group

Discussion

4. e- content

5. ICT

6. LMS

7. MOOCs/Swayam

1. Chalk-Board

2. PPT

presentation

3. Group

Discussion

4. e- content

5. ICT

6. LMS

7. MOOCs/Swayam

1. Chalk-Board

2. PPT





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

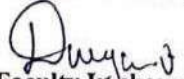
	Testosterone, Nandralone, Progestrones		1	3	presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Oestriol, Oestradiol, Oestrione, Diethyl stilbestrol		1	2	
	Drugs for erectile dysfunction: Sildenafil, Tadalafil		1	2	
	Oral contraceptives: Mifepristone, Norgestrel, Levonorgestrol		1	2	
	Cortisone, Hydrocortisone, Prednisolone		1	1	
	Betamethasone, Dexamethasone		1	3	
	Thyroid and antithyroid drugs: L-Thyroxine, L-Thyronine, Propylthiouracil, Methimazole		1	2	
5.	Insulin and its preparations Sulfonylureas: Tolbutamide*, Chlorpropamide, Glipizide, Glimepiride. Biguanides: Metformin.	7	1	4	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Thiazolidinediones: Pioglitazone, Rosiglitazone. Meglitinides: Repaglinide, Nateglinide. Glucosidase inhibitors: Acarbose, Voglibose.		1	2	
	Local Anesthetics: SAR of Local anesthetics Benzoic Acid derivatives; Cocaine, Hexylcaine, Mepylcaine, Cyclomethycaine, Piperocaine.		1	1	
	Amino Benzoic acid derivatives: Benzocaine*, Butamben, Procaine		1	4	
	Butacaine, Propoxycaine, Tetracaine, Benoxinate.		1	2	
	Lidocaine/Anilide derivatives: Lignocaine, Mepivacaine, Prilocaine, Etidocaine		1	4	
	Miscellaneous: Phenacaine, Dipiperodon, Dibucaine		1	1	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.


**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

## TEXT BOOKS

1. Wilson and Giswold's Organic medicinal and Pharmaceutical Chemistry.
2. Foye's Principles of Medicinal Chemistry.
3. Burger's Medicinal Chemistry, Vol I to IV.
4. Introduction to principles of drug design- Smith and Williams.
5. Remington's Pharmaceutical Sciences.
6. Martindale's extra pharmacopoeia.
7. Organic Chemistry by I.L. Finar, Vol. II.
8. The Organic Chemistry of Drug Synthesis by Lednicer, Vol. 1 to 5.
9. Indian Pharmacopoeia.
10. Text book of practical organic chemistry- A.I. Vogel.

  
Faculty In-charge

  
Dean Academics

  
HOD

  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

Lesson Plan

Academic year: 2020-21

Subject Code: BP501T

Subject name: Medicinal Chemistry –II

Course: V Sem B. Pharm (RS5)

Total hours: 45

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	10 Hrs	17-07-20	9.00 AM-9.50 AM	Anti Histaminic Agents	H1-antagonists drugs: Diphenhydramine hydrochloride, Dimenhydrinate, Doxylamines Succinate, Clemastine fumarate, Diphenylphyraline hydrochloride, Tripelenamine hydrochloride	
		18-07-20	11.00 AM-11.50 AM	Anti Histaminic Agents	Chlorcyclizine hydrochloride, Meclizine, hydrochloride, Buclizine hydrochloride, Chlorpheniramine maleate, Triprolidine, hydrochloride*, Phenidamine tartarate	
		21-07-20	9.00 AM-9.50 AM	Anti Histaminic Agents	Promethazine hydrochloride*, Trimeprazine tartrate, Cyproheptadine hydrochloride, Azatidinemaleate, Astemizole, Loratadine, Cetirizine, Levocetrazine Cromolyn sodium	
		24-07-20	9.00 AM-9.50 AM	Anti Histaminic Agents	Azatidinemaleate, Astemizole, Loratadine, Cetirizine, Levocetrazine Cromolyn sodium	
		25-07-20	11.00 AM-11.50 AM	Anti Histaminic Agents	H2-antagonists: Cimetidine*, Famotidine, Ranitidine	
		28-7-20	9.00 AM-9.50 AM	Gastric Proton pump inhibitors	Gastric Proton pump inhibitors: Omeprazole, Lansoprazole, Rabeprazole, Pantoprazole	
		31-07-20	9.00 AM-9.50 AM	Anti-neoplastic agents	Alkylating agents: Meclroethamine*, Cyclophosphamide, Melphalan, Chlorambucil, Busulfan, Thiotepe	
		04-08-20	9.00 AM-9.50 AM	Anti-neoplastic agents	Antimetabolites: Mercaptopurine*, Thioguanine, Fluorouracil, Floxuridine, Cytarabine, Methotrexate*, Azathioprine	
		08-08-20	11.00 AM-11.50 AM	Anti-neoplastic agents	Antibiotics: Dactinomycin, Daunorubicin, Doxorubicin, Bleomycin	
		14-08-20	9.00 AM-9.50 AM	Anti-neoplastic agents	Plant products: Etoposide, Vinblastin sulphate, Vincristin sulphate	
2	10 Hrs	18-08-20	9.00 AM-9.50 AM	Anti-Anginal agents	Vasodilators: Amyl nitrite, Nitroglycerin*, Pentaerythritoltetranitrate, Isosorbide, dinitrite*, Dipyridamole	As per the plan classes are conducted S.A. As per plan 25/8/20
		25-08-20	9.00 AM-9.50 AM	Anti-Anginal agents	Calcium channel blockers: Verapamil, Bepridil hydrochloride,	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					Diltiazem hydrochloride, Nifedipine, Amlodipine, Felodipine, Nicardipine, Nimodipine	
		28-08-20	9.00 AM-9.50 AM	Diuretics	Carbonic anhydrase inhibitors: Acetazolamide*, Methazolamide, Dichlorphenamide.	
		29-08-20	11.00 AM-11.50 AM	Diuretics	Thiazides: Chlorthiazide*, Hydrochlorothiazide, Hydroflumethiazide, Cyclothiazide	
		04-09-20	9.00 AM-9.50 AM	Diuretics	Loop diuretics: Furosemide*, Bumetanide, Ethacrynic acid	
		05-09-20	11.00 AM-11.50 AM	Anti-Hypertensive Drugs	Potassium sparing Diuretics: Spironolactone, Triamterene, Amiloride	
		08-09-20	9.00 AM-9.50 AM	Anti-Hypertensive Drugs	Osmotic Diuretics: Mannitol	
		15-09-20	9.00 AM-9.50 AM	Anti-Hypertensive Drugs	Timolol, Captopril, Lisinopril, Enalapril, Benazepril hydrochloride, Quinapril hydrochloride	
		18-09-20	9.00 AM-9.50 AM	Anti-Hypertensive Drugs	Methyldopate hydrochloride,* Clonidine hydrochloride, Guanethidinemonosulphate	
		05-01-21	9.00 AM-9.50 AM	Anti-Hypertensive Drugs	Guanabenz acetate, Sodium nitroprusside, Diazoxide, Minoxidil, Reserpine, Hydralazine hydrochloride	
3	10 Hrs	06-01-21	9.00 AM-9.50 AM	Anti-Arrhythmic Drugs	Quinidine sulphate, Procainamide hydrochloride, Disopyramide phosphate	
		07-01-21	9.00 AM-9.50 AM	Anti-Arrhythmic Drugs	Phenytoin sodium, Lidocaine hydrochloride, Tocainide hydrochloride	
		09-01-21	9.00 AM-9.50 AM	Anti-Arrhythmic Drugs	Mexiletine hydrochloride, Lorcaïnide hydrochloride, Amiodarone, Sotalol.	
		09-01-21	11.00 AM-11.50 AM	Anti-hyperlipidemic agents	Clofibrate, Lovastatin, Cholesteramine and Cholestipol	
		11-01-21	9.00 AM-9.50 AM	Coagulant & Anticoagulants	Menadione	As per plan
		13-01-21	9.00 AM-9.50 AM	Coagulant & Anticoagulants	Acetomenadione, Warfarin*,	As per plan 11/1/21
		15-01-21	9.00 AM-9.50 AM	Coagulant & Anticoagulants	Anisindione, clopidogrel	
		16-01-21	9.00 AM-9.50 AM	Drugs used in Congestive Heart Failure	Digoxin	As per the plan 8/1
		17-01-21	9.00 AM-9.50 AM	Drugs used in Congestive Heart	Digitoxin, Nesiritide	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				Failure:		
		18-01-21	11.00 AM-11.50 AM	Drugs used in Congestive Heart Failure:	Bosentan, Tezosentan	
4	8 Hrs	19-01-21	9.00 AM-9.50 AM	Drugs acting on Endocrine system	Nomenclature, Stereochemistry and metabolism of steroids	
		20-1-21	9.00 AM-9.50 AM	Drugs acting on Endocrine system	Testosterone, Nandralone, Progesterones	
		23-01-21	11.00 AM-11.50 AM	Drugs acting on Endocrine system	Oestriol, Oestradiol, Oestrione, Diethyl stilbestrol	
		25-01-21	9.50 AM-10.40 AM	Drugs acting on Endocrine system	Drugs for erectile dysfunction: Sildenafil, Tadalafil	
		29-01-21	9.00 AM-9.50 AM	Drugs acting on Endocrine system	Oral contraceptives: Mifepristone, Norgestrel, Levonorgestrol	
		30-01-21	9.00 AM-9.50 AM	Drugs acting on Endocrine system	Cortisone, Hydrocortisone, Prednisolone	
		30-01-21	11.00 AM-11.50 AM	Drugs acting on Endocrine system	Betamethasone, Dexamethasone	
		01-02-21	9.00 AM-9.50 AM	Drugs acting on Endocrine system	Thyroid and antithyroid drugs: L-Thyroxine, L-Thyronine, Propylthiouracil, Methimazole	
5	7 Hrs	02-02-21	9.00 AM-9.50 AM	Insulin and its preparations Sulfonylureas	Tolbutamide*, Chlorpropamide, Glipizide, Glimepiride. Biguanides: Metformin.	
		06-02-21	11.00 AM-11.50 AM	Thiazolidinediones	Pioglitazone, Rosiglitazone. Meglitinides: Repaglinide, Nateglinide. Glucosidase inhibitors: Acarbose, Voglibosc.	
		08-02-21	9.00 AM-9.50 AM	Local Anaesthetics	SAR of Local anesthetics Benzoic Acid derivatives; Cocaine, Hexylcaine, Meprylcaine, Cyclomethycaine, Piperocaine.	
		09-02-21	11.00 AM-11.50 AM	Amino Benzoic acid derivatives	Benzocaine*, Butamben, Procaine	As per plan AMU 9/2/21
		11-02-21	9.00 AM-9.50 AM	Amino Benzoic acid derivatives	Butacaine, Propoxycaine, Tetracaine, Benoxinate.	
		13-02-21	11.00 AM-11.50 AM	Lidocaine/Anilide derivatives	Lignocaine, Mepivacaine, Prilocaine, Etidocaine	Classes all over the place SP
		16-02-21	9.00 AM-9.50 AM	Miscellaneous	Phenacaine, Diperodon, Dibucaine	

*Durga V*  
Faculty Incharge

*W. S. S.*  
Dean Academics

*S. I.*  
HOD

*P. Padusa*  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2020-21

Subject Code: PHAD2C05Th, 2865

Subject name: Medicinal Chemistry

Course Objectives: The Objective of this course is to

Course: III-Pharm D[RS2]

Total hours: 75 Hrs

Section: Theory

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

### Course Outcomes:

CO1--- To understand the chemistry of drugs with respect to their pharmacological activity.

CO2--- To understand the importance of drug design and different techniques of drug design.

CO3--- To know the adverse effect and therapeutic value of drugs.

CO4--- To know the Structural Activity Relationship (SAR) of different class of drugs.

CO5--- To know the chemical synthesis of some drugs.

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>I SESSIONAL (26 hrs)</b>					
	Introduction				1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	<b>Anti-infective agents</b>	18	1		
	<b>a) Local anti-infective agents:</b> Introduction, Classification, Alcohol and related compounds, Aldehydes, Phenols and their derivatives,		1	1	
	<b>a) Local anti-infective agents:</b> Oxidizing Agents, Halogen containing compounds, Cationic surfactants, Dyes, Mercury compounds.		1	1	
	<b>b) Preservatives:</b> Introduction, Classification, Acids, Esters,		1	1	
	<b>Preservatives:</b> Alcohols, Phenols, Mercurial compounds, Quaternary Ammonium compounds.		1	1	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

c) <b>Antifungal agents:</b> Introduction, Classification, i) Antifungal antibiotics- Nystatin, Griseofulvin, Amphoterecin-B, ii) Synthetic Antifungal agents: Clotrimazole, Econazole, Butoconazole,		1	1
<b>Antifungal agents:</b> ii) Synthetic Antifungal agents: Oxiconazole Tioconazole, Miconazole*, Ketoconazole, Terconazole, Itraconazole.		1	1
<b>Antifungal agents:</b> ii) Synthetic Antifungal agents: Fluconazole, Naftifine hydrochloride, iii) Miscellaneous–Zinc propionate, Sodium caprylate, Tolnaftate <sup>s</sup> .		1	1
d) <b>Urinary tract anti-infectives:</b> Introduction, Classification, i) Quinolones: Nalidixic acid, Cinoxacin, Norfloxacin, Gatifloxacin, Moxifloxacin,		1	1
<b>Urinary tract anti-infectives:</b> Ciprofloxacin <sup>s</sup> , Pefloxacin, Ofloxacin, Sparfloxacin ii) Miscellaneous: Nitrofurantoin <sup>s</sup> .		1	1
e) <b>Antitubercular agents:</b> Introduction, Classification, i) Synthetic antitubercular agents: p-Aminosalysilicacid, Isoniazid, Ethambutol, Pyrazinamide, Ethionamide, Clofazamine, Bedaquiline.		1	1
<b>Antitubercular agents:</b> ii) Antitubercular Antibiotics: Cycloserine, Viomycin sulfate, Capreomycin sulfate, Rifampicin. iii) Combination therapy for TB		1	3
f) <b>Antiviral agents and Anti AIDS agents:</b> Introduction, Classification, Amantadine hydrochloride, Rimantadine hydrochloride, Idoxuridine trifluoride, Acyclovir*, Gancyclovir, Zidovudine,		1	1
f) <b>Antiviral agents and Anti AIDS agents:</b> Didanosine, Zalcitabine, Lamivudine, Loviride, Delavirding, Ribavirin, Saquinavir, Indinavir, Ritonavir.		1	1
g) <b>Antiprotozoal agents:</b> Introduction, Classification, i) Emetine hydrochloride, Metronidazole <sup>s</sup> , tinidazole, Ornidazole, Secnidazole,		1	1





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	g) <b>Antiprotozoal agents:</b> i) Diloxanide furoate, 8-hydroxy quinoline derivatives (clioquinol, iodoquinol), Carbarsone. Pentamidine Isethionate, Atovaquone, Eflornithine.		1	1	
	h) <b>Anthelmintics:</b> Introduction, Classification, i) Piperazine, Diethyl carbamazine, Pyrantel pamoate, Thiabendazole <sup>s</sup>		1	1	
	<b>Anthelmintics:</b> i) Albendazole <sup>s</sup> , Mebendazole, Niclosamide, Oxamniquine, Praziquantal, Ivermectin.		1	1	
	i) <b>Antiscabies and Antipedicular agents:</b> Introduction, Classification, Benzyl benzoate, Gammexane, DDT, Crothamiton, Permethrin.		1	1	
2.	<b>Sulphonamides and sulphones:</b> Introduction, 1. SAR and mode of Sulfonamides.	4	1	4	
	<b>Sulphonamides and sulphones:</b> 2. Classification of sulfonamides based on duration of action and site of action with examples. Sulfamethiazole, Sulfisoxazole <sup>s</sup> , Sulfapyridine, Sulfamethoxazole <sup>s</sup> ,		1	1	
	<b>Sulphonamides and sulphones:</b> Sulfadiazine, Sulfacetamide, sulfasalazine, Phthalyl sulfathiazole. 3. Folate reductase inhibitors: Trimethoprim,		1	1	
	<b>Sulphonamides and sulphones:</b> Synergistic action of the combination of sulfamethoxazole and trimethoprim <sup>s</sup> . 4. Sulfone: Dapsone <sup>s</sup>		1	1	
3.	<b>Antimalarials:</b> Introduction, Classification, Etiology of malaria, History, Mechanism and SAR	4	1	4	
	<b>Antimalarials:</b> Quinolines and analogues: 7-chloro-4-amino quinolines: Chloroquine phosphate <sup>s</sup> , Hydroxy Chloroquine sulphate, Amodiaquine, 8-amino quinolines: Pamaquine, Primaquine,		1	1	
	<b>Antimalarials:</b> 9-amino acridines: Quinacrine. Artemisinin and its derivatives: Artiether, Artimether, Artisunate.		1	1	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	<b>Antimalarials:</b> Biguanides and Dihydrothiazines: Chloroguanide, Cycloguanil. Miscellaneous: Mefloquine, Pyrimethamine, Trimethoprim.		1	1	
<b>II SESSIONAL (24 hrs)</b>					
4	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 1. Beta lactam antibiotics: Pencillins -structures, chemical degradation, bacterial resistance.	12	1	1	1. Chalk-Board 2. PPT presentation
	<b>Antibiotics:</b> Penicillin G, Penicillin V, Cloxacillin sodium, Nafcillin sodium, Ampicillin, Amoxycillin.		1	1	3. Group Discussion 4. e- content
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 2. Cephalosporins: Structure and uses of Cephalexin,		1	1	5. ICT 6. LMS 7. MOOCs/Swayam
	<b>Antibiotics:</b> 2. Cephalosporins: Structure and uses of Cephadrine, Cefadroxil, Cefixime, Cefapryridine, Cefutroxime.		1	1	
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 3. Monolactams: Sulfazecin, Aztreonam, Tigmonam. 4. Beta lactamase inhibitors: Clavulanic acid and its salts, Thienamycin.		1	1	
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 5. Aminoglycosides: Structural features and Mechanism of action, Streptomycin, Amikacin,		1	1	
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 5. Aminoglycosides: Structural features and Mechanism of action, Neomycin, Kanamycin, Gentamycin, Netilmycin.		1	1	
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 6. Tetracyclines: Chemistry, tetracycline, Chlortetracycline,		1	1	
	<b>Antibiotics:</b> 6. Tetracyclines: Methacycline,		1	1	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Demeclocycline, Oxytetracycline, Meclocycline, Doxycycline, Minocycline.			
	<b>Antibiotics:</b> 6. Tetracyclines: SAR		1	4
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 7. Macrolide: Structure and specific uses of Erythromycin, Azithrocin, O leandomycin. 8. Lincomycins: Lineomyein, Clindamycin.		1	1
	<b>Antibiotics:</b> Introduction, Classification and Mechanism of action 9. Polypeptides: Gramicidin, Bacitracin, Polymyxin B, Colistin. 10. Miscellaneous: Chloramphenicol <sup>1</sup> , Vancomycin, Novobiocin.		1	1
5.	<b>Antineoplastic agents:</b> Introduction, mechanism of action and classification with examples. 1. Alkylating agents: Mechlorethamine, Cyclophosphamide, Melphalan, Chlorambucil <sup>4</sup> , Busulfan, Lomustine,	5	1	1
	<b>Antineoplastic agents:</b> Introduction, mechanism of action and classification with examples. 2. Antimetabolites: Mercaptopurine, Thioguanine, 5- Flurouracil, Methotrexate <sup>5</sup> ,		1	1
	<b>Antineoplastic agents:</b> Introduction, mechanism of action and classification with examples. 3. Antibiotics: Dactinomycin, Bleomycin, Mitomycin, Streptozocin.		1	1
	<b>Antineoplastic agents:</b> Introduction, mechanism of action and classification with examples. 4. Plant products: Etoposide, Taxol, Camphothesin, Vincristine, Vinblastin. 5. Hormones: Dromostanalone, Megestrol,		1	1



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	<p><b>Antineoplastic agents:</b> Introduction, mechanism of action and classification with examples.</p> <p>6. Kinase inhibitors: Imatinibmesylate</p> <p>6. Miscellaneous: Asparaginase, Cisplatin, Hydroxy urea.</p> <p>7. Immunotherapy: Interferon alpha 2a and 2b.</p>		1	1	
6	<p><b>Hypoglycemic agents:</b> Introduction, Classification and Mechanism of action, Insulin and its preparations.</p> <p>Sulfonylureas—Chlorpropamide<sup>s</sup>, Acetohexamide, Glipizide,</p> <p>Biguanides-Phenformin, Metformin.</p>	2	1	1	
	<p><b>Hypoglycemic agents:</b> Introduction, Classification and Mechanism of action, Substituted benzoic acid derivatives – Meglitinides, Nateglinide</p> <p>Thiazolidinediones-Glitazones, Pioglitazone, Ciglitazone, Rosiglitazone</p> <p>Glipitines – Sitagliptin, Anagliptin</p>		1	1	
7.	<p><b>Thyroid and Antithyroid agents:</b> Introduction, Classification</p> <p>Thyroid hormones : L-thyroxine, L-thyronine.</p>	2	1	1	
	<p><b>Thyroid and Antithyroid agents:</b> Introduction, Classification</p> <p>Antithyroid drugs: Propylthiouracil, Methimazole.</p>		1	1	
8.	<p><b>Diagnostic agents:</b> Introduction, Classification, Gallbladder, Gastric, Liver, Pancreatic, Kidney function, Ophthalmic diagnostic aids, Lymphatic system, Bronchial airway hyperacidity, Drug hypersensitivity, Drugs used in X-ray contrast medium, Miscellaneous.</p>	1	1	3	
9.	<p><b>Steroidal Hormones and Adrenocorticoids:</b> Steroids- Sex hormones (Androgen, Estrogen, Gestogen)</p>	2	1	1	
	<p><b>Steroidal Hormones and Adrenocorticoids:</b> Adrenocorticoids (Glucocorticoids and Mineralocorticoids).</p>		1	1	





**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

**III SESSIONAL (25 hrs)**

10.	<b>Modern concept of rational drug design:</b> A brief introduction to Quantitative Structure Activity Relationship (QSAR),	6	1	2	
	<b>Modern concept of rational drug design:</b> A brief introduction prodrug and its types,		1	2	
	<b>Modern concept of rational drug design:</b> A brief introduction prodrug and its applications,		1	2	
	<b>Modern concept of rational drug design:</b> A brief introduction to combinatorial chemistry		1	2	
	<b>Modern concept of rational drug design:</b> A brief introduction to computer aided drug design (CADD)		1	2	
	<b>Modern concept of rational drug design:</b> A brief introduction to concept of antisense molecules.		1		
11.	<b>Cardiovascular agents</b>	16			
	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Beta-blockers: Propranolol, Timolol ACE Inhibitors: Captopril, Enalapril, Lisinopril, Benazepril hydrochloride, Quinapril hydrochloride,		1	1	
	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Diuretics: Hydrochlorthiazide, Spiranolactone Calcium channel blockers: Nifedipine, Felodipine, Amlodipine $\alpha_1$ -Antagonist: Prazocin $\alpha_2$ -agonist: Clonidine, Guanithedine		1	1	
	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Angiotensin –II receptor antagonist: Losartan, Valsartan, Miscellaneous: Reserpine, Hydralazine, Minoxidil, Methyldopa hydrochloride,*,		1	1	
	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Guanabenz acetate, Sodium nitroprusside, Diazoxide, Calcium antagonists: Brief introduction of calcium		1	1	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

channels and their blockers. Chemical structures and uses of Verapamil, Diltiazem, Nifedepine, Nimodopine,				
<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Felodipine, Dipyridamole, Cyclandelate, Amlodipine, Nifedipine, Nimodopine.		1	1	
b) <b>Antianginal agents and vasodilators:</b> Introduction, Classification and Mechanism of action, Chemical structure and specific uses of Amyl nitrite, Nitroglycerin*,		1	1	
<b>Antianginal agents and vasodilators:</b> Chemical structure and specific uses of Amyl nitrite, Pentaerythritol tetranitrate, Isosorbide dinitrite*, Dipyridamole.		1	1	
c) <b>Antiarrhythmic agents:</b> Introduction, Structure, chemical name, and classification of antiarrhythmics with examples Class I- Membrane depressant drugs: Quinidine Procainamide, Phenytoin. Class II-Beta adrenergic blocking agents. Tocainide, propranolol.		1	1	
c) <b>Antiarrhythmic agents:</b> Structure, chemical name, and classification of antiarrhythmics with examples Class III-Repolarization prolongators. Bretylium, Amiodarone Class IV-Calcium channel blocker. Diltiazem, Verapamil		1	1	
c) <b>Antiarrhythmic agents:</b> Structure, chemical name, and classification of antiarrhythmics with examples Bepridil hydrochloride, Disopyramide phosphate*, Lidocaine hydrochloride, Mexiletine hydrochloride, Lorcaïnide hydrochloride, Sotalol.		1	1	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	d) <b>Antihyperlipidemic agents:</b> Introduction, Classification, Structure and specific uses. Clofibrate,		1	1	
	d) <b>Antihyperlipidemic agents:</b> Introduction, Classification, Structure and specific uses. Lovastatin, Cholesteramine, Colestipol, Atorvastatin		1	1	
	e) <b>Coagulants and Anticoagulants:</b> Introduction, Classification, Dicumorol, Warfarin <sup>s</sup> ,		1	1	
	e) <b>Coagulants and Anticoagulants:</b> Introduction, Classification, Phenindione, Menadione, Acetomenadione, Anisindione, clopidogrel.		1	1	
	f) <b>Endocrine:</b> Introduction, Oxytocin, Vasopressin.		1	1	
12.	<b>Diuretics:</b> Introduction, Classification, Carbonic anhydrase inhibitors: Acetazolamide*, Methazolamide, Dichlorphenamide.	3	1	1	
	<b>Diuretics:</b> Thiazides: Chlorthiazide*, Hydrochlorothiazide, Hydroflumethiazide, Cyclothiazide,		1	1	
	<b>Diuretics:</b> Loop diuretics: Furosemide*, Bumetanide, Ethacrynic acid. Potassium sparing Diuretics: Spironolactone, Triamterene, Amiloride. Osmotic Diuretics: Mannitol		1	1	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus.

### Reference Books:

- Wilson and Gisvold's Text book of Organic, Medicinal and Pharmaceutical Chemistry, Lippincott-Raven Publishers-New York, Philadelphia.
- William.O.Foye, Principles of Medicinal Chemistry, B.I. Waverly Pvt. Ltd., New Delhi.
- Burgers, Medicinal Chemistry, M.E., Welly Med.Chemistry M.E. Walffed Johnwiley and Sons, Wiley-interscience Publication, New York, Toronto.
- A Text Book of Medicinal Chemistry Vol. I and II by Surendra N. Pandeya, S.G. Publisher, 6, Dildayal Nagar, Varanasi -10.
- Indian Pharmacopoeia 1985 and 1996. The Controller of Publications, Civil Lines, Delhi - 54.
- Current Index of Medical Specialities (CIMS) and MIMS India, MIMS, A.E. Morgan Publications (I) Pvt. Ltd, New Delhi-19.
- Organic Drug Synthesis-Ledniser Mitzsher Vol. I and II.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

h. Pharmaceutical Chemistry drug Synthesis Vol. I and II by H. J. Roth and A. Kleemann.

i. The Science and Practice of Pharmacy Vol. 1 and 2, Remington, MACK Publishing Company, Easton, Pennsylvania.

Faculty-Incharge

Dean Academics

HOD

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2020-21

Subject Code: PHAD2C05Pr, 2865

Subject name: Medicinal Chemistry

Course Objectives: The Objective of this course is to

Course: III-Pharm D[RS2]

Total hours: 75 Hrs (3hrs/week)

Section: Practical

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

S.No.	Topic	Prescribed Hours	Breakup Hours	Methodology
<b>I SESSIONAL</b>				
1.	Preparation of Benzotriazole (Minor).	3	3	Chalk Board Demonstration
2.	Preparation of Benzimidazole.	3	3	
3.	Preparation of Phenothiazine.	3	3	
4.	Preparation of Sulphacetamide.	3	3	
5.	Preparation of 1-Phenyazo-2-naphthol from Aniline.	3	3	
6.	Preparation of Salicylic acid from Methyl salicylate.	3	3	
7.	Assay of Ibuprofen (Major).	3	3	
8.	Assay of Chloroquine.	3	3	
9.	Assay of Metronidazole.	3	3	
<b>II SESSIONAL</b>				
10.	Preparation of Acetanilide from Aniline.	3	3	Chalk Board Demonstration
11.	Preparation of Benzanilide from Aniline.	3	3	
12.	Preparation of Salicylic acid from Aspirin.	3	3	
13.	Preparation of 2,3-Diphenyl quinoxaline (Minor)	3	3	
14.	Assay of Sulphadiazine	3	3	
15.	Assay of Dapsone.			
16.	Assay of Ascorbic acid by Iodimetry.	3	3	
17.	Assay of Ascorbic acid by Cerrimetry.	3	3	
18.	Assay of Isoniazid.	3	3	
<b>III SESSIONAL</b>				
19.	Preparation of 7-Hydroxy-4-methyl coumarin.	3	3	Chalk Board Demonstration
20.	Preparation of Triphenylimidazole.	3	3	
21.	Preparation of Diphenylimidazole.	3	3	
22.	Preparation of Phenytoin.	3	3	
23.	Preparation of Chloramine T	3	3	
24.	Preparation of Dichloramine T	3	3	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

25.	Determination of partition coefficient of Benzoic acid.	3	3	
26.	Determination of partition coefficient of Salicylic acid.	3	3	
27.	Monograph analysis of drug sample 1.	3	3	
28.	Monograph analysis of drug sample 2.	3	3	

Faculty-Incharge

Dean Academics

HOD

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2020-21

Subject Code: PHAD2C05Th, 2865

Subject name: Medicinal Chemistry

Course: III-Pharm D[RS2]

Total hours: 75 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	18 Hrs	15-07-20	11:50 AM-12:40 PM	Anti-infective agents	Introduction, Classification, Alcohol and related compounds, Aldehydes, Phenols and their derivatives,	
		20-07-20	2:20 PM-3:10 PM	Anti-infective agents	Oxidizing Agents, Halogen containing compounds, Cationic surfactants, Dyes, Mercury compounds.	
		27-07-20	11:50 AM-12:40 PM	Preservatives	Introduction, Classification, Acids, Esters,	
		28-07-20	9:50-12:40	Preservatives	Alcohols, Phenols, Mercurial compounds, Quaternary Ammonium compounds.	
		03-08-20	11:50 AM-12:40 PM	Antifungal agents	Introduction, Classification, i) Antifungal antibiotics- Nystatin, Griseofulvin, Amphoterecin-B, ii) Synthetic Antifungal agents: Clotrimazole, Econazole, Butoconazole,	
		05-08-20	9:50 AM-10:40 AM	Antifungal agents	ii) Synthetic Antifungal agents: Oxiconazole Tioconazole, Miconazole*, Ketoconazole, Terconazole, Itraconazole,	
		10-08-20	11:50 AM-12:40 PM	Antifungal agents	ii) Synthetic Antifungal agents: Fluconazole, Naftifine hydrochloride, iii) Miscellaneous–Zinc propionate, Sodium caprylate, Tolnaftate <sup>s</sup> .	
		12-08-20	9:50 AM-10:40 AM	Urinary tract anti-infectives	Introduction, Classification, i) Quinolones: Nalidixic acid, Cinoxacin, Norfloxacin, Gatifloxacin, Moxifloxacin,	
		18-08-20	9:50 AM-10:40 AM	Urinary tract anti-infectives	Ciprofloxacin <sup>s</sup> , Pefloxacin, Ofloxacin, Sparfloxacin ii) Miscellaneous: Nitrofurantoin <sup>s</sup> .	
		19-08-20	9:50 AM-10:40 AM	Antitubercular agents	Introduction, Classification, i) Synthetic antitubercular agents: p-Aminosalysilicacid, Isoniazid, Ethambutol, Pyrazinamide, Ethionamide, Clofazamine, Bedaquiline.	
		24-08-20	11:50 AM-12:40 PM	Antitubercular agents	ii) Antitubercular Antibiotics: Cycloserine, Viomycin sulfate, Capreomycin sulfate, Rifampicin. iii) Combination therapy for TB	As per Plan 21
		26-08-20	9:50 AM-10:40 AM	Antiviral agents and Anti AIDS agents	Introduction, Classification, Amantadine hydrochloride, Rimantadine hydrochloride, Idoxuridine	As per plan 26/8/20





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					trifluoride, Acyclovir*, Gancyclovir, Zidovudine,	
		31-08-20	11:50 AM-12:40 PM	Antiviral agents and Anti AIDS agents	Didanosine, Zalcitabine, Lamivudine, Loviride, Delavirding, Ribavirin, Saquinavir, Indinavir, Ritonavir.	
		01-09-20	9:50 AM-10:40 AM	Antiprotozoal agents	Introduction, Classification, i) Emetine hydrochloride, Metronidazole <sup>s</sup> , tinidazole, Ornidazole, Secnidazole,	
		02-09-20	9:50 AM-10:40 AM	Antiprotozoal agents	i) Diloxanide furoate, 8-hydroxy quinoline derivatives (clioquinol, iodoquinol), Carbarsone. Pentamidine Isethionate, Atovaquone, Eflornithine.	
		07-09-20	11:50 AM-12:40 PM	Anthelmintics	Introduction, Classification, i) Piperazine, Diethyl carbamazine, Pyrantel pamoate, Thiabendazole <sup>s</sup>	
		09-09-20	9:50 AM-10:40 AM	Anthelmintics	i) Albendazole <sup>s</sup> , Mebendazole, Niclosamide, Oxamniquine, Praziquantal, Ivermectin.	
		14-09-20	11:50 AM-12:40 PM	Ant scabies and Antipedicular agents	Introduction, Classification, Benzyl benzoate, Gammexane, DDT, Crotamiton, Permethrin.	
2	4 Hrs	15-09-20	9:50 AM-10:40 AM	Sulphonamides and sulphones	: Introduction, 1. SAR and mode of Sulfonamides.	Conducted as per plan 22/9/20
		16-09-20	9:50 AM-10:40 AM	Sulphonamides and sulphones	2. Classification of sulfonamides based on duration of action and site of action with examples. Sulfamethiazole, Sulfisoxazole <sup>s</sup> , Sulfapyridine, Sulfamethoxazole <sup>s</sup> ,	
		21-09-20	11:50 AM-12:40 PM	Sulphonamides and sulphones	Sulfadiazine, Sulfacetamide, sulfasalazine, Phthalyl sulfathiazole. 3. Folate reductase inhibitors: Trimethoprim,	
		22-09-20	9:50 AM-10:40 AM	Sulphonamides and sulphones	Synergistic action of the combination of sulfamethoxazole and trimethoprim <sup>s</sup> . 4. Sulfone: Dapsone <sup>s</sup>	
3	4 Hrs	07-10-20	9:50 AM-10:40 AM	Antimalarials	Introduction, Classification, Etiology of malaria, History, Mechanism and SAR	Conducted as per plan 22/9/20
		12-10-20	11:50 AM-12:40 PM	Antimalarials	Quinolines and analogues: 7-chloro-4-amino quinolines: Chloroquine phosphate <sup>s</sup> , Hydroxy Chloroquine sulphate, Amodiaquine, 8-amino quinolines: Pamaquine, Primaquine,	
		13-10-20	9:50 AM-10:40 AM	Antimalarials	9-amino acridines: Quinacrine. Artemisin and its derivatives: Artiether, Artimether, Artisunate.	
		14-10-20	9:50 AM-10:40 AM	Antimalarials	Biguanides and Dihydrothiazines: Chloroguanide, Cycloguanil. Miscellaneous: Mefloquine, Pyrimethamine, Trimethoprim.	
4	12 Hrs	19-10-20	11:50 AM-12:40 PM	Antibiotics	Introduction, Classification and Mechanism of action 1. Beta lactam antibiotics: Pencillins - structures, chemical degradation,	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				bacterial resistance.		
		20-10-20	9:50 AM-10:40 AM	Antibiotics	Penicillin G, Penicillin V, Cloxacillin sodium, Nafcillin sodium, Ampicillin, Amoxicillin.	
		21-10-20	9:50 AM-10:40 AM	Antibiotics	Introduction, Classification and Mechanism of action 2. Cephalosporins: Structure and uses of Cephalexin,	
		02-11-20	11:50 AM-12:40 PM	Antibiotics	2. Cephalosporins: Structure and uses of Cephadrine, Cefadroxil, Cefixime, Cefapryidine, Cefutroxime.	
		03-11-20	9:50 AM-10:40 AM	Antibiotics	Introduction, Classification and Mechanism of action 3. Monolactams: Sulfazecin, Aztreonam, Tigmonam. 4. Beta lactamase inhibitors: Clavulanic acid and its salts, Thienamycin.	
		04-11-20	9:50 AM-10:40 AM	Antibiotics	Introduction, Classification and Mechanism of action 5. Aminoglycosides: Structural features and Mechanism of action, Streptomycin, Amikacin,	
		04-01-21	11:50 AM-12:40 PM	Antibiotics	Introduction, Classification and Mechanism of action 5. Aminoglycosides: Structural features and Mechanism of action, Neomycin, Kanamycin, Gentamycin, Netilmycin.	
		05-01-21	9:50-10:40	Antibiotics	Introduction, Classification and Mechanism of action 6. Tetracyclines: Chemistry, tetracycline, Chlortetracycline,	
		06-01-21	9:50 AM-10:40 AM	Antibiotics	6. Tetracyclines: Methacycline, Demeclocycline, Oxytetracycline, Meclocycline, Doxycycline, Minocycline.	
		11-01-21	11:50 AM-12:40 PM	Antibiotics	6. Tetracyclines: SAR	
		12-01-21	9:50 AM-10:40 AM	Antibiotics	Introduction, Classification and Mechanism of action 7. Macrolide: Structure and specific uses of Erythromycin, Azithrocin, O leandomycin. 8. Lincomycins: Lincomycin, Clindamycin.	
		13-01-21	9:50 AM-10:40 AM	Antibiotics	Introduction, Classification and Mechanism of action 9. Polypeptides: Gramicidin, Bacitracin, Polymyxin B, Colistin. 10. Miscellaneous: Chloramphenicol <sup>s</sup> , Vancomycin, Novobiocin.	As per plan 13/01/21
5	5 Hrs	18-01-21	11:50 AM-12:40 PM	Anti Neoplastic Agents	Introduction, mechanism of action and classification with examples. 1. Alkylating agents: Mechlorethamine, Cyclophosphamide, Melphalan, 19Chlorambucil <sup>s</sup> , Busulfan, Lomustine,	As per the plan 21-





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		19-01-21	9:50 AM-10:40 AM	Anti Neoplastic Agents	Introduction, mechanism of action and classification with examples. 2. Antimetabolites: Mercaptopurine, Thioguanine, 5-Fluorouracil, Methotrexate <sup>s</sup> ,	
		20-01-21	9:50 AM-10:40 AM	Anti Neoplastic Agents	Introduction, mechanism of action and classification with examples. 3. Antibiotics: Dactinomycin, Bleomycin, Mitomycin, Streptozocin.	
		25-01-21	11:50 AM-12:40 PM	Anti Neoplastic Agents	Introduction, mechanism of action and classification with examples. 4. Plant products: Etoposide, Taxol, Camphothecin, Vincristine, Vinblastin. 5. Hormones: Dromostanalone, Megestrol,	
		27-01-21	9:50 AM-10:40 AM	Anti Neoplastic Agents	Introduction, mechanism of action and classification with examples. 6. Kinase inhibitors: Imatinibmesylate 6. Miscellaneous: Asparaginase, Cisplatin, Hydroxy urea. 7. Immunotherapy: Interferon alpha 2a and 2b.	
6	2 Hrs	02-02-21	9:50 AM-10:40 AM	Hypoglycemic agents	Introduction, Classification and Mechanism of action, Insulin and its preparations. Sulfonylureas—Chlorpropamide <sup>s</sup> , Acetohexamide, Glipizide, Biguanides-Phenformin, Metformin.	
		03-02-21	11:50 AM-12:40 PM	Hypoglycemic agents	Introduction, Classification and Mechanism of action, Substituted benzoic acid derivatives – Meglitinides, Nateglinide Thiazolidinediones-Glitazones, Pioglitazone, Ciglitazone, Rosiglitazone Glipitines – Sitagliptin, Anagliptin	<i>As per plan</i> <i>3-12/2</i>
7	2 Hrs	08-02-21	9:50 AM-10:40 AM	Thyroid and Antithyroid agents	Introduction, Classification Thyroid hormones : L-thyroxine, L-thyronine.	
		09-02-21	9:50 AM-10:40 AM	Thyroid and Antithyroid agents	Introduction, Classification Antithyroid drugs: Propylthiouracil, Methimazole.	
8	1 Hrs	15-02-21	11:50 AM-12:40 PM	Diagnostic agents	Introduction, Classification, Gallbladder, Gastric, Liver, Pancreatic, Kidney function, Ophthalmic diagnostic aids, Lymphatic system, Bronchial airway hyperacidity, Drug hypersensitivity, Drugs used in X-ray contrast medium, Miscellaneous.	
9	2 Hrs	16-02-21	9:50 AM-10:40 AM	Steroidal Hormones and Adrenocorticoids	Steroids-Sex hormones (Androgen, Estrogen, Gestogen)	
		08-03-21	9:50 AM-10:40 AM	Steroidal Hormones and Adrenocorticoids	Adrenocorticoids (Glucocorticoids and Mineralocorticoids).	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

10	6 Hrs	09-03-21	11:50 AM-12:40 PM	Modern concept of rational drug design	A brief introduction to Quantitative Structure Activity Relationship (QSAR),	
		10-03-21	9:50 AM-10:40 AM	Modern concept of rational drug design	A brief introduction prodrug and its types,	
		12-03-21	9:50 AM-10:40 AM	Modern concept of rational drug design	A brief introduction prodrug and its applications,	
		15-03-21	11:50 AM-12:40 PM	Modern concept of rational drug design	A brief introduction to combinatorial chemistry	
		16-03-21	9:50 AM-10:40 AM	Modern concept of rational drug design	A brief introduction to computer aided drug design (CADD)	
		23-03-21	9:50 AM-10:40 AM	Modern concept of rational drug design	A brief introduction to concept of antisense molecules.	
11	16 Hrs	05-04-21	11:50 AM-12:40 PM	Cardiovascular agents	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Beta-blockers: Propranolol, Timolol <b>ACE Inhibitors:</b> Captopril, Enalapril, Lisinopril, Benazepril hydrochloride, Quinapril hydrochloride,	
		06-04-21	9:50 AM-10:40 AM	Cardiovascular agents	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Diuretics: Hydrochlorothiazide, Spiranolactone <b>Calcium channel blockers:</b> Nifedipine, Felodipine, Amlodipine <b><math>\alpha_1</math>-Antagonist:</b> Prazocin <b><math>\alpha_2</math>-agonist:</b> Clonidine, Guanithedine	
		09-04-21	9:50 AM-10:40 AM	Cardiovascular agents	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Angiotensin -II receptor antagonist: Losartan, Valsartan, Miscellaneous: Reserpine, Hydralazine, Minoxidil, Methyldopa hydrochloride,*	
		20-04-21	11:50 AM-12:40 PM	Cardiovascular agents	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Guanabenz acetate, Sodium nitroprusside, Diazoxide, Calcium antagonists: Brief introduction of calcium channels and their blockers. Chemical structures and uses of Verapamil, Diltiazem, Nifedepine, Nimodepine,	Conducted as per the plan & -
		21-04-21	9:50 AM-10:40 AM	Cardiovascular agents	<b>Antihypertensive agents:</b> Introduction, Classification and Mechanism of action, Felodepine, Dipyridamole, Cyclandelate, Amlodipine, Nicardipine, Nimodipine.	As per plan 21/4/21
		26-04-21	9:50 AM-10:40 AM	Cardiovascular agents	b) <b>Antianginal agents and vasodilators:</b> Introduction, Classification and Mechanism of action, Chemical structure and specific uses of Amyl nitrite, Nitroglycerin*,	
		28-04-21	11:50 AM-	Cardiovascular agents	<b>Antianginal agents and vasodilators:</b>	





Estd. 1974

Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			12:40 PM		Chemical structure and specific uses of Amyl nitrite, Pentaerythritol tetranitrate, Isosorbide dinitrite*, Dipyridamole.	
		04-05-21	9:50 AM-10:40 AM	Cardiovascular agents	c) <b>Antiarrhythmic agents:</b> Introduction, Structure, chemical name, and classification of antiarrhythmics with examples Class I- Membrane depressant drugs: Quinidine Procainamide, Phenytoin. Class II-Beta adrenergic blocking agents. Tocainide, propranolol.	
		10-05-21	9:50 AM-10:40 AM	Cardiovascular agents	c) <b>Antiarrhythmic agents:</b> Structure, chemical name, and classification of antiarrhythmics with examples Class III-Repolarization prolongators. Bretylium, Amiodarone Class IV-Calcium channel blocker. Diltiazem, Verapamil	
		11-05-21	11:50 AM-12:40 PM	Cardiovascular agents	c) <b>Antiarrhythmic agents:</b> Structure, chemical name, and classification of antiarrhythmics with examples Bepidil hydrochloride, Disopyramide phosphate*, Lidocaine hydrochloride, Mexiletine hydrochloride, Lorcaïnide hydrochloride, Sotalol.	
		17-05-21	9:50 AM-10:40 AM	Cardiovascular agents	d) <b>Antihyperlipidemic agents:</b> Introduction, Classification, Structure and specific uses. Clofibrate,	
		19-05-21	9:50 AM-10:40 AM	Cardiovascular agents	d) <b>Antihyperlipidemic agents:</b> Introduction, Classification, Structure and specific uses. Lovastatin, Cholesteramine, Colestipol, Atorvastatin	
		24-05-21	11:50 AM-12:40 PM	Cardiovascular agents	e) <b>Coagulants and Anticoagulants:</b> Introduction, Classification, Dicumorol, Warfarin <sup>s</sup> .	
		25-05-21	9:50 AM-10:40 AM	Cardiovascular agents	e) <b>Coagulants and Anticoagulants:</b> Introduction, Classification, Phenindione, Menadione	
		01-06-21	9:50 AM-10:40 AM	Cardiovascular agents	Acetomenadione, Anisindione, clopidogrel.	
		07-06-21	11:50 AM-12:40 PM	Cardiovascular agents	f) Endocrine: Introduction, Oxytocin, Vasopressin.	As per plan July 27/6/21
12	3 Hrs	09-06-21	9:50 AM-10:40 AM	Diuretics	Introduction, Classification, Carbonic anhydrase inhibitors: Acetazolamide*, Methazolamide, Dichlorphenamide.	
		14-06-21	11:50 AM-12:40 PM	Diuretics	Thiazides: Chlorthiazide*, Hydrochlorothiazide, Hydroflumethiazide, Cyclothiazide,	As per the Plan 27/6/21



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		16-06-21	9:50 AM- 10:40 AM	Diuretics	Loop diuretics: Furosemide*, Bumetanide, Ethacrynic acid. Potassium sparing Diuretics: Spironolactone, Triamterene, Amiloride. Osmotic Diuretics: Mannitol	
--	--	----------	----------------------	-----------	---	--

*NO change in planned schedule.*

*CR*

Faculty In charge

*SI*  
HOD

Dean Academic

*P. Padma*  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2020-21  
Subject Code: PHAD2C05Pr  
Subject name: Medicinal Chemistry

Course: III-Pharm D[RS2]  
Total hours: 75 Hrs (3hrs/week)  
Section: Practical Batch-1

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	3	29-08-20	9:00 AM-11:50 AM	Preparation of Benzotriazole (Minor).	
2	3	05-09-20	9:00 AM-11:50 AM	Preparation of Benzimidazole.	
3	3	12-09-20	9:00 AM-11:50 AM	Preparation of Phenothiazine.	
4	3	19-09-20	9:00 AM-11:50 AM	Preparation of Sulphacetamide.	
5	3	25-09-20	9:00 AM-11:50 AM	Preparation of 1-Phenyazo-2-naphthol from Aniline.	
6	3	10-10-20	9:00 AM-11:50 AM	Preparation of Salicylic acid from Methyl salicylate.	
7	3	17-10-20	9:00 AM-11:50 AM	Assay of Ibuprofen (Major).	
8	3	24-10-20	9:00 AM-11:50 AM	Assay of Chloroquine.	
9	3	02-01-21	9:00 AM-11:50 AM	Assay of Metronidazole.	
10	3	09-01-21	9:00 AM-11:50 AM	Preparation of Acetanilide from Aniline.	
11	3	16-01-21	9:00 AM-11:50 AM	Preparation of Benzanilide from Aniline.	
12	3	23-01-21	9:00 AM-11:50 AM	Preparation of Salicylic acid from Aspirin.	Aspirin
13	3	30-01-21	9:00 AM-11:50 AM	Preparation of 2,3-Diphenyl quinoxaline (Minor)	
14	3	06-02-21	9:00 AM-11:50 AM	Assay of Sulphadiazine	
15	3	13-02-21	9:00 AM-11:50 AM	Assay of Dapsone.	
16	3	20-02-21	9:00 AM-11:50 AM	Assay of Ascorbic acid by Iodimetry.	
17	3	13-03-21	9:00 AM-11:50 AM	Assay of Ascorbic acid by Cerrimetry.	
18	3	20-03-21	9:00 AM-11:50 AM	Assay of Isoniazid.	
19	3	27-03-21	9:00 AM-11:50 AM	Preparation of 7-Hydroxy-4-methyl coumarin.	
20	3	10-04-21	9:00 AM-11:50 AM	Preparation of Triphenylimidazole.	
21	3	17-04-21	9:00 AM-11:50 AM	Preparation of Diphenylimidazole.	
22	3	08-08-21	9:00 AM-11:50 AM	Preparation of Phenytoin.	
23	3	15-05-21	9:00 AM-11:50 AM	Preparation of Chloramine T	
24	3	22-05-21	9:00 AM-11:50 AM	Preparation of Dichloramine T	
25	3	29-05-21	9:00 AM-11:50 AM	Determination of partition coefficient of Benzoic acid.	
26	3	05-06-21	9:00 AM-11:50 AM	Determination of partition coefficient of Salicylic acid.	Conducted as per plan
27	3	12-06-21	9:00 AM-11:50 AM	Monograph analysis of drug sample 1.	
28	3	19-06-21	9:00 AM-11:50 AM	Monograph analysis of drug sample 2.	

NO change in planned schedule -

  
Faculty In charge

  
Dean Academics

  
HOD

  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2020-21

Subject Code: MPH103T

Subject name: Regulatory Affairs

Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfil the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of pharmaceutical formulation & development, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

Course Outcomes:

CO1— Understand the Concepts of Regulatory approvals process and documentation in EU, US FDA, TGA, MHRA, IMPD, ICH guidelines.

CO2— The Regulatory guidance's and guidelines for filing and approval process. Generic drugs NDA, ANDA. Submission of global documents in CTD/ e CTD formats

CO3— Preparation of Dossiers and their submission to regulatory agencies in different countries. Post approval regulatory requirements for actives and drug products

CO4— Clinical trials requirements for approvals for conducting clinical trials. Pharmacovigilance and process of monitoring in clinical trials.

Course: I Sem M Pharm [RS5]

Total hours: 60

Section: Theory

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>I Sessional</b>					
<b>Unit 1</b>	<b>Documentation in pharmaceutical industry</b>	<b>12</b>			1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content, Multi Media sharing
	1.Master formula record		1	1	
	2.DMF (Drug Master File)		1	1	
	3.Distribution records.		1	1	
	4.Generic drugs product development		1	1	
	5.Introduction Hatch- Waxman act and amendments		1	1	
	6.Cfr (code of federal regulation) drug product performance, in-vitro.		1	1	
	7.ANDA regulatory approval process		1	1	
	8.NDA approval process		1	1	
	9.BE and drug product assessment, in-vivo		1	1	
	10.scale up process approval changes		1	1	
	11.post marketing surveillance		1	1	
	12.outsourcing BA and BE to CRO		1	1	
<b>Unit 2</b>	<b>Regulatory requirement for product approval</b>	<b>12</b>			1. Chalk-Board 2. PPT presentation





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	13.API		1	1	3. Group Discussion 4. e- content, Multi Media sharing	
	14.API		1	1		
	15.Biologics		1	1		
	16.Biologics		1	1		
	17.Novel therapies		1	2		
	18.Novel therapies		1	2		
	19.Obtaining NDA		1	2		
	20.Obtaining NDA		1	2		
	21.ANDA for generic drugs		1	2		
	22.ANDA for generic drugs		1	2		
	23.Ways and means of US registration for foreign drugs		1	2		
	24.Ways and means of US registration for foreign drugs		1	2		
Unit 3	CMC	12	1	2		1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content, Multi Media sharing
	25.Post approval regulatory affairs.		1	2		
	26.Regulation for combination products and medical devices.		1	2		
	27.CTD and ECTD format		1	2		
	28.Industry and FDA liaison.		1	2		
	29.ICH - Guidelines of ICH-Q		1	2		
	30.ICH - Guidelines of ICH-S		1	2		
	31.ICH - Guidelines of ICH- E		1	2		
	32.ICH - Guidelines of ICH-M.		1	1		
	33.Regulatory requirements of EU,		1	1		
	34.MHRA		1	1		
	35.TGA		1	1		
	36.ROW countries		1	2		
Unit 4	<b>Non clinical drug development</b>	12				1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content, Multi Media sharing
	37.Global submission of IND		1	2		
	38.Global submission of IND		1	2		
	39.Global submission of NDA		1	2		
	40.Global submission of NDA		1	2		
	41Global submission of ANDA.		1	2		
	42.Global submission of ANDA.		1	2		
	43.Investigation medicinal products dossier		1	3		
	44.Investigation medicinal products dossier		1	3		
	45.Dossier (IMPD)		1	1		
	46.Dossier (IMPD)		1	1		
	47.Investigator brochure (IB)		1	3		
48.Investigator brochure (IB)		1	3			



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Unit 5	Clinical trials	12			1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content, Multi Media sharing
	49. Developing clinical trial protocols.		1	4	
	50. Developing clinical trial protocols.		1	4	
	51. Institutional review board		1	4	
	52. Independent ethics committee		1	4	
	53. Formulation and working procedures		1	4	
	54. Informed Consent process and procedures.		1	4	
	55. HIPAA- new		1	4	
	56. Requirement to clinical study process		1	4	
	57. Pharmacovigilance		1	4	
	58. Pharmacovigilance		1	4	
	59. Safety monitoring in clinical trials		1	4	
	60. Safety monitoring in clinical trials		1	4	

**Plan for Tutorial hours: Assigning class test, assignments, group discussion, group study, problem-based learning & viva-voce and evaluation marks will be recorded in Continuous Performance Assessment Card**

**Duration for Tutorial hours: 1 hour per week according to the prescribed syllabus**

**Faculty In charge**

**Dean Academics**

**HOD**

**Principal**





**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2020-21

Subject Code: MPH202T

Subject name: Regulatory Affairs

Course: II Sem M Pharm [RS5]

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 Hrs	11-12-2020	3:10 PM - 4:00 PM	Documentation in pharmaceutical industry	Master formula record	
		15-12-2020	9:00 AM - 9:50 AM	Documentation in pharmaceutical industry	DMF (Drug Master File)	
		16-12-2020	11:50 AM - 12:40 PM	Documentation in pharmaceutical industry	Distribution records.	
		17-12-2020	1:30 PM - 2:20 PM	Documentation in pharmaceutical industry	Generic drugs product development	
		18-12-2020	2:20 PM - 3:10 PM	Documentation in pharmaceutical industry	Introduction Hatch-Waxman act and amendments	
		22-12-2020	1:30 PM - 2:20 PM	Documentation in pharmaceutical industry	Cfr (code of federal regulation) drug product performance, in-vitro.	
		23-12-2020	3:10 PM - 4:00 PM	Documentation in pharmaceutical industry	ANDA regulatory approval process	
		24-12-2020	11:50 AM - 12:40 PM	Documentation in pharmaceutical industry	NDA approval process	
		24-12-2020	1:30 PM - 2:20 PM	Documentation in pharmaceutical industry	BE and drug product assessment, in -vivo	
		29-12-2020	9:00 AM - 9:50 AM	Documentation in	scale up process approval	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				pharmaceutical industry	changes	
		30-12-2020	3:10 PM - 4:00 PM	Documentation in pharmaceutical industry	post marketing surveillance	
		31-12-2020	11:50 AM - 12:40 PM	Documentation in pharmaceutical industry	outsourcing BA and BE to CRO	
2	12 Hrs	31-12-2020	1:30 PM - 2:20 PM	Regulatory requirement for product approval	API	
		1-1-2021	3:10 PM - 4:00 PM	Regulatory requirement for product approval	API	
		5-1-2021	9:00 AM - 9:50 AM	Regulatory requirement for product approval	Biologics	
		6-1-2021	3:10 PM - 4:00 PM	Regulatory requirement for product approval	Biologics	
		7-1-2021	1:30 PM - 2:20 PM	Regulatory requirement for product approval	Novel therapies	
		8-1-2021	3:10 PM - 4:00 PM	Regulatory requirement for product approval	Novel therapies	
		12-1-2021	9:00 AM - 9:50 AM	Regulatory requirement for product approval	Obtaining NDA	As per plan 21/1/2021
		13-1-2021	3:10 PM - 4:00 PM	Regulatory requirement for product approval	Obtaining NDA	
		15-1-2021	3:10 PM - 4:00 PM	Regulatory requirement for product approval	ANDA for generic drugs	
		19-1-2021	9:00 AM - 9:50 AM	Regulatory requirement for product approval	ANDA for generic drugs	
		20-1-2021	3:10 PM - 4:00 PM	Regulatory requirement for product approval	Ways and means of US registration for foreigndrugs	
		21-1-2021	1:30 PM -	Regulatory	Ways and means of US	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			2:20 PM	requirement for product approval	registration for foreign drugs	
3	12 Hrs	22-1-2021	3:10 PM - 4:00 PM	CMC	Post approval regulatory affairs.	
		27-1-2021	3:10 PM - 4:00 PM	CMC	Regulation for combination products and medical devices.	
		28-1-2021	1:30 PM - 2:20 PM	CMC	CTD and ECTD format	
		29-1-2021	3:10 PM - 4:00 PM	CMC	Industry and FDA liaison	
		2-2-2021	9:00AM - 9:50 AM	CMC	ICH - Guidelines of ICH-Q	
		3-2-2021	3:10 PM - 4:00 PM	CMC	ICH - Guidelines of ICH-S	
		4-2-2021	1:30 PM - 2:20 PM	CMC	ICH - Guidelines of ICH- E	
		5-2-2021	3:10 PM - 4:00 PM	CMC	ICH - Guidelines of ICH-M.	
		9-2-2021	9:00AM - 9:50 AM	CMC	Regulatory requirements of EU	
		10-2-2021	3:10 PM - 4:00 PM	CMC	MHRA	<i>Claims completed as per instructions.</i>
		11-2-2021	3:10 PM - 4:00 PM	CMC	TGA	<i>CO 10/13/21</i>
		12-2-2021	3:10 PM - 4:00 PM	CMC	ROW countries	
4	12 Hrs	16-2-2021	9:00 AM- 9:50 AM	Non clinical drug development	Global submission of IND	<i>As per phar</i>
		17-2-2021	3:10 PM - 4:00 PM	Non clinical drug development	Global submission of IND	<i>16/2/2021</i>
		18-2-2021	1:30 PM - 2:20 PM	Non clinical drug development	Global submission of NDA	
		19-2-2021	3:10 PM - 4:00 PM	Non clinical drug development	Global submission of NDA	
		2-3-2021	9:00 AM - 9:50 AM	Non clinical drug development	Global submission of ANDA	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		4-3-2021	1:30 PM - 2:20 PM	Non clinical drug development	Global submission of ANDA	
		5-3-2021	3:10 PM - 4:00 PM	Non clinical drug development	Investigation medicinal products dossier	
		9-3-2021	9:00 AM- 9:50 AM	Non clinical drug development	Investigation medicinal products dossier	
		10-3-2021	3:10 PM- 4:00 PM	Non clinical drug development	Dossier (IMPD)	
		12-3-2021	3:10 PM - 4:00 PM	Non clinical drug development	Dossier (IMPD)	
		16-3-2021	9:00 AM - 9:50 AM	Non clinical drug development	Investigator brochure(IB)	
		17-3-2021	3:10 PM - 4:00 PM	Non clinical drug development	Investigator brochure(IB)	
5	12 Hrs	18-3-2021	1:30 PM - 2:20 PM	Clinical trials	Developing clinical trial protocols	
		19-3-2021	3:10 PM- 4:00 PM	Clinical trials	Developing clinical trial protocols	
		23-3-2021	9:50 AM- 9:50 AM	Clinical trials	Institutional review board	
		23-3-2021	11:00 AM- 11:50 AM	Clinical trials	Independent ethics committee	
		24-3-2021	3:10 PM - 4:00 PM	Clinical trials	Formulation and working procedures	
		25-3-2021	1:30 PM - 2:10 PM	Clinical trials	Informed Consent process and procedures	
		26-3-2021	3:10 PM - 4:00 PM	Clinical trials	HIPAA- new	
		30-3-2021	9:00 AM - 9:50 AM	Clinical trials	Requirement to clinical study process	
		31-3-2021	2:20 PM - 3:10 PM	Clinical trials	Pharmacovigilance	
		1-4-2021	1:30 PM - 2:10 PM	Clinical trials	Pharmacovigilance	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	15-4-2021	11:00 AM- 11:50 AM	Clinical trials	Safety monitoring in clinical trials	<i>As per plan 15/4/2021 complaint in plan</i>
	15-4-2021	2:20 PM - 3:10 PM	Clinical trials	Safety monitoring in clinical trials	

*NO change in planned schedule*

*[Signature]*  
Faculty In charge

*[Signature]*  
HOD

*[Signature]*  
Dean Academics

*[Signature]*  
P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,  
Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

---

## Plan of Study

Academic year: 2020-2021

Course: M. PHARM II SEM

Subject Code: MPL203T

Total hours: 60 Hrs

Subject name: Principles of Drug Discovery

Section: Theory

Course Objectives: The Objective of this course is to

- Imbibe the concept of better patient health care at every face of Health-related activities.
- Should be capable of functioning independently in both rural and urban environment.
- Appraise fellow professionals in Hospitals, Community and Industry of newer developments in pharmacy.
- Be a part of all National & International sponsored health education programmes.
- Educate the community about disease prevention measures, community hygiene and better health.
- Inculcate critical thinking, clarity of expression, independent thinking and scientific temperament.
- Encourage active learning methods like group discussions, Seminars, peer interactions etc., which would enable students to develop discipline, personality, communicating skills, and other qualities, which are necessary.
- Be able to produce and market dosage forms and be responsible in minimizing the pollution hazards, by using proper scientific and logical techniques.

### Course Outcomes:

- CO1--- Explain the various stages of drug discovery
- CO2--- Appreciate the importance of the role of genomics, proteomics and bioinformatics in drug discovery
- CO3--- Explain various targets of drug discovery
- CO 4- Explain the various lead seeking methods and lead optimization
- CO5--- Appreciate the importance of the role of CADD in drug discovery



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>1 SESSIONAL 30 hrs)</b>					
1	Overview of drug discovery process	12 hrs	1	1	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Target identification		1	1	
	Target validation		1	1	
	Lead identification		1	1	
	Lead optimisation		1	1	
	Economics of drug discovery		1	2	
	Role of genomics		1	2	
	Role of proteomics and bioinformatics		1	2	
	Role of Nucleic acid and protein microarrays		1	2	
	Antisense technologies		1	2	
	Zinc finger proteins		1	2	
Role of transgenic animals in target validation	1	2			
2	Combinatorial chemistry	12 hrs	1	4	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content
	In silico drug discovery		1	4	
	High throughput screening		1	4	
	Assay development for HIT identification		1	4	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Levels of protein structure		1	4	5.ICT
	Domains, motifs, and folds in protein structure		1	4	6. LMS
	Computational prediction of protein structure		1	4	7.MOOCs/Swayam
	Threading modelling method		1	4	
	homology modelling method		1	4	
	Application of NMR in protein structure prediction		1	5	
	Application of X-ray crystallography in protein structure prediction		1	5	
	Application of X-ray crystallography in protein structure prediction		1	5	
3	Traditional vs rational drug design	12hrs	1	4	1. Chalk-Board
	Methods used in traditional drug design		1	4	2. PPT presentation
	High throughput screening, concepts of Rational Drug design		1	4	3. Group Discussion
	Methods: Structure based approach		1	4	4. c- content
	Pharmacophore based approach		1	4	5.ICT
<b>II SESSIONAL (30 HRS)</b>					
	Virtual screening techniques		1	4	1. Chalk-Board
	Drug likeliness screening		1	4	2. PPT presentation
	Concept of pharmacophore mapping		1	4	3. Group Discussion
	Concept of pharmacophore mapping		1	4	
	Pharmacophore based screening		1	4	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Pharmacophore based screening		1	4	4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
4	Molecular docking	12 hrs	1	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
	Rigid docking		1	3	
	Flexible docking		1	3	
	Manual Docking		1	3	
	Docking based screening		1	3	
	QSAR- History and development		1	5	
	SAR VS QSAR		1	5	
	Physico chemical properties		1	5	
	Physico chemical properties		1	5	
	Hansch analysis		1	5	
	Fee Wilson analysis		1	5	
Relation b/n Hansch and fee wilson analysis	1	5			
5	Regression analysis	12 hrs	1	5	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
	Partial least square analysis		1	5	
	Multivariate analysis		1	5	
	3D QSAR		1	5	
	COMFA		1	5	
	COMSIA		1	5	
	Prodrug design		1	4	
	Prodrug to improve drug absorption		1	4	
	Prodrug to improve drug distribution		1	4	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,  
Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Site specific drug delivery		1	4	
Site specific drug delivery		1	4	
Rationale of prodrug		1	4	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

Duration of Seminar hours: 1 hour per week according to the prescribed syllabus

#### References:

1. MouldySioud. Target Discovery and Validation Reviews and Protocols: Volume 2 Emerging Molecular Targets and Treatment Options. 2007 Humana Press Inc.
2. Darryl León. Scott Markelln. Silico Technologies in Drug Target Identification and Validation. 2006 by Taylor and Francis Group, LLC.
3. Johanna K. DiStefano. Disease Gene Identification. Methods and Protocols. Springer New York Dordrecht Heidelberg London.
4. Hugo Kubiny. QSAR: Hansch Analysis and Related Approaches. Methods and Principles in Medicinal Chemistry. Publisher Wiley-VCH
5. Klaus Gubernator, Hans-Joachim Böhm. Structure-Based Ligand Design. Methods and Principles in Medicinal Chemistry. Publisher Wiley-VCH
6. Abby L . Parrill. M . Rami Reddy. Rational Drug Design. Novel Methodology and Practical Applications. ACS Symposium Series; American Chemical Society: Washington, DC, 1999.
7. J. Rick Turner. New drug development design, methodology and, analysis. John Wiley & Sons, Inc., Hoboken, New Jeney.

*Angali*  
Faculty in charge  
(Angali Rai)  
*W. M. S.*  
Dean Academics

*S. Jai H J*  
HOD

*P. Padma*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2020-2021

Course: II Sem M Pharm PHARMACOLOGY

Subject Code: MPL203T

Total hours: 60 Hrs

Subject name: PRINCIPLES OF DRUG DISCOVERY

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 hrs	27/7/21	2:20 PM-3:10 PM	Unit-I	Overview of drug discovery process	
		28/7/21	9:00 AM-9:50 AM	Unit-I	Target identification	
		28/7/21	3:10 PM-4:00 PM	Unit-I	Target validation	
		29/7/21	11:50 AM-12:40 PM	Unit-I	Lead identification	
		30/7/21	11:00 AM-11:50 AM	Unit-I	Lead optimisation	
		30/7/21	1:30 PM-2:20 PM	Unit-I	Economics of drug discovery	
		3/8/21	2:20 PM-3:10 PM	Unit-I	Role of genomics	
		4/8/21	9:00 AM-9:50 AM	Unit-I	Role of proteomics and bioinformatics	
		5/8/21	11:50 AM-12:40 PM	Unit-I	Role of Nucleic acid and protein microarrays	
		6/8/21	11:00 AM-11:50 AM	Unit-I	Antisense technologies	
		10/8/21	2:20 PM-3:10 PM	Unit-I	Zinc finger proteins	
		12/8/21	11:50 AM-12:40 PM	Unit-I	Role of transgenic animals in target validation	
2	12 Hrs	13/8/21	11:00 AM-11:50 AM	Unit-II	Combinatorial chemistry	
		17/8/21	2:20 PM-3:10 PM	Unit-II	In silico drug discovery	
		18/8/21	9:00 AM-9:50 AM	Unit-II	High throughput screening	
		19/8/21	11:50 AM-12:40 PM	Unit-II	Assay development for HIT identification	
		21/8/21	11:00-11:50	Unit-II	Levels of protein structure	
		24/8/21	2:20 PM-3:10 PM	Unit-II	Domains, motifs, and folds in protein structure	
		25/8/21	9:00 AM-9:50 AM	Unit-II	Computational prediction of protein structure	
		26/8/21	11:50 AM-12:40 PM	Unit-II	Threading modelling method	

*As per plan  
classroom conducted  
S. J. J.  
13/8/21*





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		27/8/21	11:00 AM- 11:50 AM	Unit-II	homology modelling method	
		27/8/21	2:20 PM- 3:10 PM	Unit-II	Application of NMR in protein structure prediction	
		28/8/21	9:00 AM- 9:50 AM	Unit-II	Application of X-ray crystallography in protein structure prediction	
		31/8/21	11:50 AM- 12:40 PM	Unit-II	Application of X-ray crystallography in protein structure prediction	
3	12 Hrs	1/9/21	11:00 AM- 11:50 AM	Unit-III	Traditional vs rational drug design	
		2/9/21	2:20 PM- 3:10 PM	Unit-III	Methods used in traditional drug design	
		2/9/21	9:00 AM- 9:50 AM	Unit-III	High throughput screening,	
		4/9/21	11:50 AM- 12:40 PM	Unit-III	concepts of Rational Drug design	
		5/9/21	11:00 AM- 11:50 AM	Unit-III	Methods: Structure based approach	
		14/9/21	2:20 PM- 3:10 PM	Unit-III	Pharmacophore based approach	<i>As per plan class not conducted</i>
		15/9/21	9:00 AM- 9:50 AM	Unit-III	Virtual screening techniques	
		15/9/21	11:50 AM- 12:40 PM	Unit-III	Drug likeness screening	<i>S. J. S. V. H. 17/9/21</i>
		16/9/21	11:00 AM- 11:50 AM	Unit-III	Concept of pharmacophore mapping	
		16/9/21	2:20 PM- 3:10 PM	Unit-III	Concept of pharmacophore mapping	
		17/9/21	9:00 AM- 9:50 AM	Unit-III	Pharmacophore based screening	
		18/9/21	11:50 AM- 12:40 PM	Unit-III	Pharmacophore based screening	
4	12Hrs	19/9/21	11:00 AM- 11:50 AM	Unit IV	Molecular docking	
		20/9/21	2:20 PM- 3:10 PM	Unit IV	Rigid docking	
		20/9/21	9:00 AM- 9:50 AM	Unit IV	Flexible docking	
		21/9/21	11:50 AM- 12:40 PM	Unit IV	Manual Docking	
		22/9/21	11:00 AM- 11:50 AM	Unit IV	Docking based screening	
		22/9/21	2:20 PM- 3:10 PM	Unit IV	QSAR- History and development	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		23/9/21	9:00 AM-9:50 AM	Unit IV	SAR VS QSAR	
		23/9/21	11:50 AM-12:40 PM	Unit IV	Physico chemical properties	
		25/9/21	11:00 AM-11:50 AM	Unit IV	Physico chemical properties	
		26/9/21	2:20 PM-3:10 PM	Unit IV	Hansch analysis	
		27/9/21	9:00 AM-9:50 AM	Unit IV	Fee Wilson analysis	
		27/9/21	11:50 AM-12:40 PM	Unit IV	Relation b/n Hansch and fee wilson analysis	
5	12 Hrs	28/9/21	11:00 AM-11:50 AM	Unit V	Regression analysis	
		29/9/21	2:20 PM-3:10 PM	Unit V	Partial least square analysis	
		29/9/21	9:00 AM-9:50 AM	Unit V	Multivariate analysis	
		29/9/21	11:50 AM-12:40 PM	Unit V	3D QSAR	
		30/9/21	11:00 AM-11:50 AM	Unit V	COMFA	
		1/10/21	2:20 PM-3:10 PM	Unit V	COMSIA	classmate conducted as per plan
		1/10/21	9:00 AM-9:50 AM	Unit V	Prodrug design	S. S. J. 6/10/21
		3/10/21	11:50 AM-12:40 PM	Unit V	Prodrug to improve drug absorption	
		3/10/21	11:00 AM-11:50 AM	Unit V	Prodrug to improve drug distribution	As per plan 6/10/21
		4/10/21	2:20 PM-3:10 PM	Unit V	Site specific drug delivery	
		4/10/21	9:00 AM-9:50 AM	Unit V	Site specific drug delivery	
		5/10/21	11:50 AM-12:40 PM	Unit V	Rationale of prodrug	

Faculty In charge

Dean Academic

NO change in planned schedule

HOD

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## PLAN OF STUDY

Academic year: 2020-2021

Subject Code: MPL-104P

Subject name: Pharmacology Practical-I

Course: I SEM M. Pharm (RS6)

Total hours: 6Hrs/Week

Section: Practical

Course Objectives: The objectives of this course is:

- To uphold all laws, regulations, safety and ethical standards that apply to the experimental procedures in animals and the environment and Acquire practical knowledge in various analytical techniques used in molecular biology
- To impart adequate hands-on training in various animal models and determine the effects of drugs using animal models and train the students in using suitable statistical methods for interpretation of results.
- To provide practical inputs in pharmacokinetic studies of various drugs and formulations in animals to establish in-vitro and in-vivo correlations and prepare the students in teamwork, lifelong learning and continuous improvement

### Course Outcomes:

Upon completion of the course, student shall be able to:

CO	Description
CO1	Handle animals and efficiently perform blood collection
CO2	Demonstrate various screening methods for different classes of drugs
CO3	Decide and select feasible experiments for research studies
CO4	Demonstrate basic molecular biology techniques
CO5	Demonstrate various in-vitro studies assays



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S. NO	Topic	Prescribed hrs	Break Up hrs	Methodology
1.	Various routes of drug administration and Techniques of blood sampling, anaesthesia and euthanasia of experimental animals	6	6	Chalk Board Demonstration Instrument handling
2.	Functional observation battery tests (modified Irwin test) and Evaluation of CNS stimulant, depressant, anxiogenics and anxiolytic, anticonvulsant activity.	6	6	
3.	Evaluation of analgesic, anti-inflammatory, local anaesthetics, mydriasis mitotic and diuretic activity	6	6	
4.	Evaluation of antiulcer activity by pylorus ligation method.	6	6	
5.	Isolation and identification of DNA from various sources (Bacteria, Cauliflower, onion, Goat liver) and RNA from yeast.	6	6	
6.	Estimation of proteins by Bradford/Lowry's in biological samples and gene amplification by PCR.	6	6	
7.	Estimation of RNA/DNA by UV Spectroscopy and Protein quantification Western Blotting	6	6	Chalk Board Demonstration Instrument handling
8.	Enzyme based in-vitro assays (MPO, AChEs, $\alpha$ amylase, $\alpha$ glucosidase).	6	6	
9.	Cell viability assays (MTT/Trypan blue/SRB) and DNA fragmentation assay by agarose gel electrophoresis.	6	6	
10.	DNA damage study by Comet assay and Apoptosis determination by fluorescent imaging studies.	6	6	
11.	Pharmacokinetic studies and data analysis of drugs given by different routes of administration using software	6	6	
12.	Enzyme inhibition and induction activity	6	6	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## REFERENCES

1. CPCSEA, OECD, ICH, USFDA, Schedule Y, EPA guidelines,
2. Fundamentals of experimental Pharmacology by M.N.Ghosh
3. Handbook of Experimental Pharmacology by S.K. Kulkarni.
4. Drug discovery and Evaluation by Vogel H.G.
5. Spectrometric Identification of Organic compounds - Robert M Silverstein,
6. Principles of Instrumental Analysis - Douglas A Skoog, F. James Holler, Timothy A. Nieman,
7. Vogel's Text book of quantitative chemical analysis - Jeffery, Basset, Mendham, Denney,
8. Basic Cell Culture protocols by Cheril D. Helgason and Cindy L.Mille
9. Basic Cell Culture (Practical Approach) by J. M. Davis (Editor)
10. Animal Cell Culture: A Practical Approach by John R. Masters (Editor)
11. Practical Manual of Experimental and Clinical Pharmacology by Bikash Medhi(Author),  
Ajay Prakash (Author) Jaypee brothers' medical publishers Pvt.

*Hymasara*  
**Faculty-Incharge**

(*Hymasara Vaughese*)

*Hymasara*  
**Dean Academics**

*S. Jai k J*  
**HOD**

*P. Padma*  
**Principal**



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2020-2021

Course: I Sem M Pharm PHARMACOLOGY

Subject Code: MPL104P

Total hours: 6 Hrs/ WEEK

Subject name: Pharmacology Practical-I

Section: Practical

S.NO	Prescribed Hrs	Date	Time	Experiments Covered	Remarks
1.	6 hrs	14/12/2020	9:50 AM -4:00 PM	Various routes of drug administration and Techniques of blood sampling,	
2.	6 hrs	21/12/2020	9:50 AM -4:00 PM	anaesthesia and euthanasia of experimental animals Functional observation battery tests (modified Irwin test)	
3.	6 hrs	28/12/2020	9:50 AM -4:00 PM	Evaluation of CNS stimulant, depressant, anxiogenics and anxiolytic, anticonvulsant activity.	
4.	6 hrs	4/1/2021	9:50 AM -4:00 PM	Evaluation of antiulcer activity by pylorus ligation method.	
5.	6 hrs	11/1/2021	9:50 AM -4:00 PM	Isolation and identification of DNA from various sources (Bacteria, Cauliflower, onion, Goat liver) and RNA from yeast.	<i>As per plant study done as conducted S. Jai Lakshmi 26/1/21</i>
6.	6 hrs	25/1/2021	9:50 AM -4:00 PM	Estimation of proteins by Bradford/Lowry's in biological samples and gene amplification by PCR.	
7.	6 hrs	1/2/2021	9:50 AM -4:00 PM	Evaluation of analgesic, anti-inflammatory,	
8.	6 hrs	8/2/2021	9:50 AM -4:00 PM	Estimation of RNA/DNA by UV Spectroscopy and Protein quantification Western Blotting	
9.	6 hrs	15/2/2021	9:50 AM -4:00 PM	Enzyme based in-vitro assays (MPO, AChEs, $\alpha$ amylase, $\alpha$ glucosidase).	
10.	6 hrs	15/3/2021	9:50 AM -4:00 PM	Cell viability assays (MTT/Trypan blue/SRB)	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

11.	6 hrs	22/3/2021	9:50 AM -4:00 PM	DNA damage study by Comet assay.	
12.	6 hrs	29/3/2021	9:50 AM -4:00 PM	Pharmacokinetic studies and data analysis of drugs given by different routes of administration using software	
13.	6 hrs	5/4/2021	9:50 AM -4:00 PM	Enzyme inhibition and induction activity	
14.	6 hrs	12/4/2021	9:50 AM -4:00 PM	Evaluation of local anaesthetics, mydriasis mitotic and diuretic activity	As per plan of study conducted these classes
15.	6 hrs	10/5/2021	9:50 AM -4:00 PM	Apoptosis determination by fluorescent imaging studies	S. Jai k J 11/5/21
16.	6 hrs	17/5/2021	9:50 AM -4:00 PM	DNA fragmentation assay by agarose gel electrophoresis.	As per plan 17/5/21

no change in planned schedule

*Hymasara*

Faculty In charge

(Hymasara Varghese)

*[Signature]*

Dean Academics

*S. Jai k J*  
HOD

*P. Padma*  
Principal



Plan of Study

Academic year: 2019-20

Subject code: BP203T

Subject name: BIOCHEMISTRY

Theory Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

Course: II<sup>nd</sup> Sem B pharm

Total hours: 45 hours

Section: Theory

**Course Outcomes:**

CO1--To understand the catalytic role of enzymes, importance of enzyme inhibitor, therapeutic & diagnostic application of enzyme

CO2-- To understand metabolism of nutrient molecule in physiological & pathological condition

CO3---To understand the genetic organization mammalian genome and function of DNA

CO4--- To know about bioenergetics & energy rich compounds

S.NO	Topic	Prescribed hours	Break Up hours	CO	Methodology
<b>I SESSIONAL (23 Hrs)</b>					
1	<b>Biomolecules &amp; Bioenergetics</b>	8 hrs			1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Introduction, classification, chemical nature biomolecules		1	4	
	Biological role of carbohydrate, lipids		1	4	
	Nucleic acids, Amino acids		1	4	
	Proteins		1	4	
	Concept of free energy, endergonic and exergonic reaction		1	4	
	Relationship between free energy, enthalpy, and entropy; Redox potential		1	4	
	Energy rich compounds; classification;		1	4	
	Biological significances of ATP and cyclic AMP		1	4	
2	<b>Carbohydrate metabolism</b>	10 hrs			1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Glycolysis – Pathway, energetics, significance		1	2	
	Citric acid cycle- Pathway, energetics, significance		1	2	
	HMP shunt and its significance, G6PD Deficiency		1	2	
	Glycogen metabolism Pathways and glycogen storage diseases (GSD)		1	2	
	Gluconeogenesis- Pathway and its significance		1	2	
	Hormonal regulation of blood glucose level and Diabetes mellitus		1	2	
	Biological oxidation: Electron transport chain (ETC) and its mechanism.		1	2	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Oxidative phosphorylation & its mechanism		1	2	
	Substrate level phosphorylation		1	2	
	Inhibitors ETC and oxidative phosphorylation/Uncoupler		1	2	
3	<b>Lipid &amp; Amino acid metabolism</b>	10hrs			
	β-Oxidation of saturated fatty acid(Palmitic acid)		1	2	1. Chalk-Board
	Formation and utilization of ketone bodies,ketoacidosis.		1	2	2. PPT presentation
	De novo synthesis of fatty acids (Palmitic acid)		1	2	3. Group Discussion
	Biological significance of cholesterol and conversion of cholesterol into bile acids,steroid hormone, vitamin D		1	2	4. e- content
	Disorders of lipid metabolism: Hypercholesterolemia, atherosclerosis,fatty liver and obesity		1	2	5.ICT
					6. LMS
					7.MOOCs/Swayam
<b>II SESSIONAL (22 Hrs)</b>					
	General reactions of amino acid metabolism: Transamination, deamination & decarboxylation, urea cycle and its disorders		1	2	1. Chalk-Board
	Catabolism of phenylalanine and tyrosine and their metabolic disorders		1	2	2. PPT presentation
	Synthesis and significance of biological substances; 5-HT, melatonin, dopamine, noradrenaline, adrenaline		1	2	3. Group Discussion
	Catabolism of heme; hyperbilirubinemia and jaundice		1	2	4. e- content
					5.ICT
					6. LMS
					7.MOOCs/Swayam
4	<b>a) Nucleic acid metabolism</b>	4hrs			1. Chalk-Board
	Biosynthesis of purine nucleotides		1	2	2. PPT presentation
	Biosynthesis of pyrimidine nucleotides		1	2	3. Group Discussion
	Catabolism of purine nucleotides		1	2	4. e- content
	Hyperuricemia and Gout disease		1	2	5.ICT
	<b>b)Genetic information transfer</b>	6 hrs			6. LMS
	Organization of mammalian genome		1	3	7.MOOCs/Swayam
	Structure of DNA and RNA and their functions		1	3	
	DNA replication (semi conservative model)		1	3	
	Transcription or RNA synthesis Genetic code.		1	3	
	Translation or Protein synthesis and inhibitors		1	3	
	Genetic code, inhibitors		1	3	
5	<b>Enzymes</b>	7hrs			1. Chalk-Board
	Introduction, properties, nomenclature and IUB classification of enzymes		1	1	2. PPT presentation
	Enzyme kinetics (Michaelis plot)		1	1	3. Group Discussion
	Line Weaver Burke plot		1	1	4. e- content
	Enzyme inhibitors with examples		1	1	5.ICT
	Regulation of enzymes: enzyme inductionand repression, allosteric enzymes regulation		1	1	6. LMS
	Therapeutic and diagnostic applications of enzymes		1	1	7.MOOCs/Swayam
	Isoenzymes, Coenzymes –Structure and biochemical functions		1	1	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

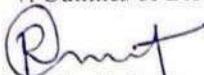
Accredited by NAAC and International Accreditation Organization (IAO)

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

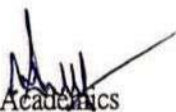
**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

### References:

1. Principles of Biochemistry by Lehninger.
2. Harper's Biochemistry by Robert K. Murry, Daryl K. Granner and Victor W. Rodwell.
3. Biochemistry by Stryer.
4. Biochemistry by D. Satyanarayan and U. Chakrapani
5. Textbook of Biochemistry by Rama Rao.
6. Textbook of Biochemistry by Deb.
7. Outlines of Biochemistry by Conn and Stumpf

  
Faculty Incharge

HOD 

  
Dean Academics

P. Padma  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## PLAN OF STUDY

Academic year: 2019-20

Subject code: BP209P

Subject name: BIOCHEMISTRY

Course: II<sup>nd</sup> Sem B pharm

Total hours: 4 Hrs/week

Section: Practical

**Practical Course Objectives:** The Objective of this course is to

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

S.N O	TOPICS	Prescribed hours	Breakup hours	Methodology
<b>I SESSIONAL</b>				
1	<b>Qualitative analysis of carbohydrates</b>			Chalk Board
	Qualitative analysis of Glucose	4	4	
	Qualitative analysis of Fructose	4	4	
	Qualitative analysis of Lactose & Maltose	4	4	
	Qualitative analysis of Sucrose and starch	4	4	
2	Determination of blood creatinine	4	4	Demonstration
3	Determination of blood sugar	4	4	
4	Determination of serum total cholesterol	4	4	Instrument Handling
5	Preparation of buffer solution and measurement of pH	4	4	
<b>II SESSIONAL</b>				
6	Identification tests for Proteins (albumin and Casein)	4	4	Chalk Board
7	Qualitative analysis of urine for abnormal constituent	4	4	
8	Study the effect of Temperature on Salivary amylase activity	4	4	Instrument Handling
9	Study of enzymatic hydrolysis of starch	4	4	
10	Quantitative analysis of reducing sugars(DNSA method) and Proteins (Biuret method)	4	4	
11	Determination of Salivary amylase activity	4	4	
12	Study the effect of substrate concentration on salivary amylase activity	4	4	

  
Faculty In charge

HOD 

  
Dean Academics

  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2019-20

Subject Code: BP203T

Subject name: Biochemistry

Course: II Sem B Pharm [RS5]

Total hours: 45 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	8 Hrs	30-01-20	9:00 AM-9:50 AM	Biomolecules & Bioenergetics	Introduction, classification, chemical nature biomolecules	
		04-02-20	11:00 AM-11:50 AM	Biomolecules & Bioenergetics	Biological role of carbohydrate, lipids	
		05-02-20	11:50-12:40	Biomolecules & Bioenergetics	Nucleic acids, Amino acids	
		06-02-20	9:00 AM-9:50 AM	Biomolecules & Bioenergetics	Proteins	
		07-02-20	9:50 AM-10:40 AM	Biomolecules & Bioenergetics	Concept of free energy, endergonic and exergonic reaction	
		07-02-20	1:30 PM-2:20 PM	Biomolecules & Bioenergetics	Relationship between free energy, enthalpy, and entropy; Redox potential	
		10-02-20	9:50 AM-10:40 AM	Biomolecules & Bioenergetics	Energy rich compounds; classification;	
		12-02-20	11:00 AM-11:50 AM	Biomolecules & Bioenergetics	Biological significances of ATP and cyclic AMP	
2	10 Hrs	13-02-20	9:00 AM-9:50 AM	Carbohydrate metabolism	Glycolysis – Pathway, energetics, significance	
		14-02-20	11:00 AM-11:50 AM	Carbohydrate metabolism	Citric acid cycle- Pathway, energetics, significance	
		14-02-20	1:30 PM-2:20 PM	Carbohydrate metabolism	HMP shunt and its significance, G6PD Deficiency	
		19-02-20	11:00 AM-11:50 AM	Carbohydrate metabolism	Glycogen metabolism Pathways and glycogen storage diseases (GSD)	
		20-02-20	9:00 AM-9:50 AM	Carbohydrate metabolism	Gluconeogenesis- Pathway and its significance	
		26-02-20	11:00 AM-11:50 AM	Carbohydrate metabolism	Hormonal regulation of blood glucose level and Diabetes mellitus	
		28-02-20	9:50 AM-10:40 AM	Carbohydrate metabolism	Biological oxidation: Electron transport chain (ETC) and its mechanism.	
		28-02-20	1:30 PM-	Carbohydrate	Oxidative phosphorylation &	

*Conducted as per plan  
Galee*

*As per plan of study  
Galee*





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			2:20 PM	metabolism	its mechanism	
		04-03-20	11:00 AM-11:50 AM	Carbohydrate metabolism	Substrate phosphorylation	level
		05-03-20	9:00 AM-9:50 AM	Carbohydrate metabolism	Inhibitors ETC and oxidative phosphorylation/Uncoupler	
3	10 Hrs	06-03-20	9:00 AM-9:50 AM	Lipid & Amino acid metabolism	$\beta$ -Oxidation of saturated fatty acid (Palmitic acid)	
		12-03-20	9:00 AM-9:50 AM	Lipid & Amino acid metabolism	Formation and utilization of ketone bodies; ketoacidosis.	
		13-03-20	9:50 AM-10:40 AM	Lipid & Amino acid metabolism	De novo synthesis of fatty acids (Palmitic acid)	
		13-03-20	1:30 PM-2:20 PM	Lipid & Amino acid metabolism	Biological significance of cholesterol and conversion of cholesterol into bile acids, steroid hormone, vitamin D	
		27-03-20	3:10 PM-4:00 PM	Lipid & Amino acid metabolism	Disorders of lipid metabolism: Hypercholesterolemia, atherosclerosis, fatty liver and obesity	
		28-03-20	1:30 PM-2:20 PM	Lipid & Amino acid metabolism	General reactions of amino acid metabolism: Transamination, deamination & decarboxylation,	
		01-04-20	3:10 PM-4:00 PM	Lipid & Amino acid metabolism	urea cycle and its disorders	
		07-04-20	3:10 PM-4:00 PM	Lipid & Amino acid metabolism	Catabolism of phenylalanine and tyrosine and their metabolic disorders	
		08-04-20	11:00 AM-11:50 AM	Lipid & Amino acid metabolism	Synthesis and significance of biological substances; 5-HT, melatonin, dopamine, noradrenaline, adrenaline	
		11-04-20	11:00 AM-11:50 AM	Lipid & Amino acid metabolism	Catabolism of heme; hyperbilirubinemia and jaundice	
4	10 Hrs	16-04-20	3:10 PM-4:00 PM	Nucleic acid metabolism	Biosynthesis of purine nucleotides	
		17-04-20	2:20 PM-3:10 PM	Nucleic acid metabolism	Biosynthesis of pyrimidine nucleotides	
		18-04-20	2:20 PM-3:10 PM	Nucleic acid metabolism	Catabolism of purine nucleotides	
		20-04-20	9:50 AM-10:40 AM	Nucleic acid metabolism	Hyperuricemia and Gout disease	
		23-04-20	2:20 PM-3:10 PM	Genetic information transfer	Organization of mammalian genome	
		28-04-20	9:50 AM-	Genetic	Structure of DNA	

*As per the schedule given*



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			10:40 AM	information transfer	and RNA and their functions	
		29-04-20	9:50 AM-10:40 AM	Genetic information transfer	DNA replication (semi conservative model)	
		30-04-20	9:00 AM-9:50 AM	Genetic information transfer	Transcription or RNA synthesis Genetic code.	
		06-05-20	11:00 AM-11:50 AM	Genetic information transfer	Translation or Protein synthesis and inhibitors	
		07-05-20	9:00 AM-9:50 AM	Genetic information transfer	Genetic code, inhibitors	
5	7 Hrs	08-05-20	1:30 PM-2:20 PM	Enzymes	Introduction, properties, nomenclature and IUB classification of enzymes	
		13-05-20	11:00 AM-11:50 AM	Enzymes	Enzyme kinetics (Michaelis plot)	
		14-05-20	9:00 AM-9:50 AM	Enzymes	Line Weaver Burke plot	<i>As per plan of study</i> <i>Geleer</i>
		15-05-20	9:50 AM-10:40 AM	Enzymes	Enzyme inhibitors with examples	
		20-05-20	11:00 AM-11:50 AM	Enzymes	Regulation of enzymes: enzyme induction and repression, allosteric enzymes regulation	
		21-05-20	9:00 AM-9:50 AM	Enzymes	Therapeutic and diagnostic applications of enzymes	<i>As per plan</i> <i>22/5/20</i>
		22-05-20	9:50 AM-10:40 AM	Enzymes	Isoenzymes, Coenzymes – Structure and biochemical functions	

Note: Due to the COVID reason from march onwards the online classes were initiated through MS Teams

*[Signature]*  
Faculty In charge

*No change in planned schedule*

HOD *[Signature]*

*[Signature]*  
Dean Academics

P. Padma  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2019-20

Subject Code: BP209P

Subject name: Biochemistry

Course: II Sem B Pharm [RS5]

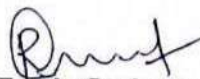
Total hours: 4 Hrs/Week

Section: Practical Batch-1


S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	29-01-20	1.30 PM-4.00 PM	Qualitative analysis of Glucose	
2	4	05-02-20	1.30 PM-4.00 PM	Qualitative analysis of Fructose	
3	4	10-02-20	1.30 PM-4.00 PM	Qualitative analysis of Lactose & Maltose	
4	4	12-02-20	1.30 PM-4.00 PM	Qualitative analysis of Sucrose and starch	
5	4	19-02-20	1.30 PM-4.00 PM	Determination of blood creatinine	
6	4	26-02-20	1.30 PM-4.00 PM	Determination of blood sugar	
7	4	04-03-20	1.30 PM-4.00 PM	Determination of serum total cholesterol	
8	4	11-03-20	1.30 PM-4.00 PM	Preparation of buffer solution and measurement of pH	
9	4	24-03-20	1.30 PM-4.00 PM	Identification tests for Proteins (albumin and Casein); Qualitative analysis of urine for abnormal constituent	
10	4	30-03-20	1.30 PM-4.00 PM	Study the effect of Temperature on Salivary amylase activity;  Study of enzymatic hydrolysis of starch	As per plan Galeen
11	4	06-03-20	1.30 PM-4.00 PM	Quantitative analysis of reducing sugars (DNSA method) and Proteins (Biuret method)	
12	4	13-03-20	1.30 PM-4.00 PM	Determination of Salivary amylase activity;  Study the effect of substrate concentration on salivary amylase activity	As per plan 13/3/20

Note: Due to COVID reason from march onwards the online classes were initiated through MS Teams. With the help of PPT practicals explained

*no change in planned schedule*

  
Faculty In charge

  
Dean Academics

HOD   
P. Padma  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2019-20

Subject Code: BP209P

Subject name: Biochemistry

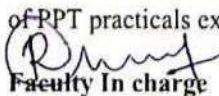
Course: II Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-2

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	30-01-20	1.30 PM-4.00 PM	Qualitative analysis of Glucose	
2	4	06-02-20	1.30 PM-4.00 PM	Qualitative analysis of Fructose	
3	4	13-02-20	1.30 PM-4.00 PM	Qualitative analysis of Lactose & Maltose	
4	4	20-02-20	1.30 PM-4.00 PM	Qualitative analysis of Sucrose and starch	
5	4	27-02-20	1.30 PM-4.00 PM	Determination of blood creatinine	
6	4	05-03-20	1.30 PM-4.00 PM	Determination of blood sugar	
7	4	12-03-20	1.30 PM-4.00 PM	Determination of serum total cholesterol	
8	4	17-03-20	1.30 PM-4.00 PM	Preparation of buffer solution and measurement of pH	
9	4	01-04-20	1.30 PM-4.00 PM	Identification tests for Proteins (albumin and Casein); Qualitative analysis of urine for abnormal constituent	As per plan through online Shiv 4/20
10	4	08-04-20	1.30 PM-4.00 PM	Study the effect of Temperature on Salivary amylase activity;  Study of enzymatic hydrolysis of starch	As per plan Practicals are conducted Shiv
11	4	15-04-20	1.30 PM-4.00 PM	Quantitative analysis of reducing sugars(DNSA method) and Proteins (Biuret method)	
12	4	22-04-20	1.30 PM-4.00 PM	Determination of Salivary amylase activity;  Study the effect of substrate concentration on salivary amylase activity	

Note: Due to COVID reason from march onwards the online classes were initiated through MS Teams. With the help of FPPT practicals explained

  
Faculty In charge

  
Dean Academics

HOD 

  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2019-20  
Subject Code: BP209P  
Subject name: Biochemistry

Course: II Sem B Pharm [RS5]  
Total hours: 4 Hrs/Week  
Section: Practical Batch-3

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	27-01-20	1.30 PM-4.00 PM	Qualitative analysis of Glucose	
2	4	03-02-20	1.30 PM-4.00 PM	Qualitative analysis of Fructose	
3	4	05-02-20	1.30 PM-4.00 PM	Qualitative analysis of Lactose & Maltose	
4	4	10-02-20	1.30 PM-4.00 PM	Qualitative analysis of Sucrose and starch	
5	4	17-02-20	1.30 PM-4.00 PM	Determination of blood creatinine	
6	4	24-02-20	1.30 PM-4.00 PM	Determination of blood sugar	
7	4	02-03-20	1.30 PM-4.00 PM	Determination of serum total cholesterol	
8	4	09-03-20	1.30 PM-4.00 PM	Preparation of buffer solution and measurement of pH	
9	4	16-03-20	1.30 PM-4.00 PM	Identification tests for Proteins (albumin and Casein); Qualitative analysis of urine for abnormal constituent	
10	4	30-03-20	1.30 PM-4.00 PM	Study the effect of Temperature on Salivary amylase activity;  Study of enzymatic hydrolysis of starch	As per plan of study
11	4	06-04-20	1.30 PM-4.00 PM	Quantitative analysis of reducing sugars (DNSA method) and Proteins (Biuret method)	Given
12	4	13-04-20	1.30 PM-4.00 PM	Determination of Salivary amylase activity;  Study the effect of substrate concentration on salivary amylase activity	As per plan through online 15/4/20

Note: Due to COVID reason from march onwards the online classes were initiated through MS Teams. With the help of PPT practicals explained

  
Faculty In charge

  
Dean Academics

HOD 

  
Principal





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2019-20

Subject Code: BP209P

Subject name: Biochemistry

Course: II Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-3

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	28-01-20	1.30 PM-4.00 PM	Qualitative analysis of Glucose	
2	4	03-02-20	1.30 PM-4.00 PM	Qualitative analysis of Fructose	
3	4	04-02-20	1.30 PM-4.00 PM	Qualitative analysis of Lactose & Maltose	
4	4	11-02-20	1.30 PM-4.00 PM	Qualitative analysis of Sucrose and starch	
5	4	18-02-20	1.30 PM-4.00 PM	Determination of blood creatinine	
6	4	25-02-20	1.30 PM-4.00 PM	Determination of blood sugar	
7	4	10-03-20	1.30 PM-4.00 PM	Determination of serum total cholesterol	
8	4	17-03-20	1.30 PM-4.00 PM	Preparation of buffer solution and measurement of pH	
9	4	31-03-20	1.30 PM-4.00 PM	Identification tests for Proteins (albumin and Casein); Qualitative analysis of urine for abnormal constituent	
10	4	07-04-20	1.30 PM-4.00 PM	Study the effect of Temperature on Salivary amylase activity;  Study of enzymatic hydrolysis of starch	As per plan
11	4	14-04-20	1.30 PM-4.00 PM	Quantitative analysis of reducing sugars(DNSA method) and Proteins (Biuret method)	
12	4	21-04-20	1.30 PM-4.00 PM	Determination of Salivary amylase activity;  Study the effect of substrate concentration on salivary amylase activity	As per plan through online HOD/Prin

Note: Due to COVID reason from march onwards the online classes were initiated through MS Teams. With the help of PPT practicals explained

Faculty In charge

Dean Academics

HOD

P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## PLAN OF STUDY

Academic year: 2019-20

Subject Code: PHAD2A03Th

Subject name: MEDICINAL BIOCHEMISTRY

Course Objectives: The Objective of this course is to

Course: I Pharm D [RS2]

Total hours: 75 Hours

Section: Theory

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

### Course Outcomes:

CO1--- To understand the catalytic activity of enzymes.

CO2--- To know the metabolic process of biomolecules in health and illness.

CO3--- To know the biochemical principles of organ function test.

CO4--- To understand the qualitative analysis and determination of biomolecules in the body fluids.

S.NO	Topics	Prescribed Hrs	Break up Hrs	CO	Methodology
<b>I Sessional (25 Hrs)</b>					
1	<b>Introduction to Biochemistry</b>	<b>03</b>			
	Cell and its biochemical organization, transport process across the cell membranes.		1	3	1)Chalk board 2)PPT
	Energy rich compounds; ATP,		1	3	Presentation
	Cyclic AMP and their biological significance.		1	3	3)Group Discussion
2	<b>Enzymes</b>	<b>10</b>			1)Chalk board
	Definition and Nomenclature		1	1	2)PPT Presentation
	IUB classification		1	1	
	Factor affecting enzyme activity.		1	1	
	Factor affecting enzyme activity.		1	1	3)Group Discussion
	Enzyme action		1	1	
	enzyme inhibition		1	1	
	Isoenzymes		1	1	
	Therapeutic application		1	1	
	Coenzymes		1	1	
Coenzymes and their biochemical role and deficiency diseases.		1	1		
3	<b>Carbohydrate Metabolism</b>	<b>12</b>			1)Chalk board
	Glycolysis		1	2	2)PPT Presentation
	Citric acid cycle		1	2	
	HMP shunt		1	2	3)Group
	Glycogenolysis		1	2	
	gluconeogenesis, glycogenesis		1	2	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Metabolic disorders of carbohydrate		1	2	Discussion
	Metabolic disorders of carbohydrate metabolism		1	2	
	Metabolic disorders of carbohydrate metabolism		1	2	
	Metabolic disorders of carbohydrate metabolism		1	2	
	Diabetes mellitus		1	2	
	glycogen storage diseases		1	2	
	Glucose, Galactose tolerance test and their significance; hormonal regulation of carbohydrate metabolism.		1	2	
<b>II Sessional (25 Hrs)</b>					
4	<b>Immunochemical techniques</b>	<b>02</b>			1)Chalk board
	Determination of hormone levels and protein levels in serum for endocrine diseases and infectious diseases.		1	3	2)PPT Presentation
	RIA, ELISA		1	3	3)Group Discussion
5	<b>Biological oxidation</b>	<b>05</b>			1)Chalk board
	Coenzyme system involved in Biological oxidation		1	2	2)PPT Presentation
	Coenzyme system involved in Biological oxidation		1	2	
	Electron transport chain		1	2	3)Group Discussion
	ETC its mechanism in energy capture;		1	2	
	Uncouplers of ETC; Oxidative phosphorylation		1	2	
6	<b>Protein and amino acid metabolism</b>	<b>12</b>			1)Chalk board
	protein turn over		1	2	2)PPT Presentation
	nitrogen balance; Catabolism of Amino acids		1	2	
	Transamination		1	2	3)Group Discussion
	deamination & decarboxylation		1	2	
	Urea cycle		1	2	
	Urea cycle and its metabolic disorders		1	2	
	production of bile pigments;		1	2	
	hyperbilirubinemia, porphoria, jaundice.		1	2	
	Metabolic disorder of Amino acids		1	2	
	Metabolic disorder of Amino acids		1	2	
	Metabolic disorder of Amino acids		1	2	
	Metabolic disorder of Amino acids		1	2	
7	<b>The kidney function tests</b>	<b>02</b>			1)Chalk board
	Role of kidney; Laboratory tests for normal function includes a) Urine analysis (macroscopic and physical examination, quantitative and semiquantitative tests.)		1	3	2)PPT Presentation
	Test for NPN constituents. (Creatinine /urea clearance, determination of blood and urine creatinine, urea and uric acid), Urine concentration test d) Urinary tract calculi. (stones)		1	3	3)Group Discussion
8	<b>Lipid profile tests</b>	<b>02</b>			1)Chalk board
	Lipoproteins, composition, functions. Determination of serum lipids,		1	4	2)PPT Presentation
	total cholesterol, HDL cholesterol, LDL cholesterol and		1	4	3)Group



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	triglycerides				Discussion
9	<b>Electrolytes</b>	<b>02</b>			1)Chalk board
	Body water, compartments, water balance, and electrolyte distribution		1	4	2)PPT Presentation
	Determination of sodium, calcium potassium, chlorides, bicarbonates in the body fluids		1	4	3)Group Discussion
<b>III Sessional (25 Hrs)</b>					
10	<b>Lipid metabolism</b>	<b>10</b>			1)Chalk board
	Oxidation of fatty acid		1	2	2)PPT
	Oxidation of saturated ( $\beta$ -oxidation);		1	2	Presentation
	Ketogenesis and ketolysis		1	2	3)Group
	biosynthesis of fatty acids		1	2	Discussion
	lipids		1	2	
	metabolism of cholesterol		1	2	
	metabolism of cholesterol		1	2	
	Hormonal regulation of lipid metabolism		1	2	
	Defective metabolism of lipids		1	2	
	Atherosclerosis, fatty liver, hypercholesterolemia		1	2	
11	<b>Liver function tests</b>	<b>02</b>			
	Physiological role of liver, metabolic, storage, excretory, protective, circulatory functions and function in blood coagulation		1	3	1)Chalk board
	Test for hepatic dysfunction-Bile pigments metabolism. b) Test for hepatic function test- Serum bilirubin, urine bilirubin, and urine urobilinogen.		1	3	2)PPT Presentation
	Dye tests of excretory function. d) Tests based upon abnormalities of serum proteins. Selected enzyme tests				3)Group Discussion
12	<b>Nucleic acid metabolism</b>	<b>12</b>			1)Chalk board
	Introduction to nucleic acid		1	2	2)PPT
	Metabolism of purine and pyrimidine		1	2	Presentation
	nucleotides		1	2	3)Group
	Protein synthesis		1	2	Discussion
	Genetic code		1	2	
	Inhibition of protein synthesis		1	2	
	mutation		1	2	
	Repair mechanism		1	2	
	DNA replication		1	2	
	semiconservative onion peel model,		1	2	
	DNA repair mechanism		1	2	
	DNA repair mechanism		1	2	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

13	<b>Introduction to clinical chemistry</b>	01			1)Chalk board 2)PPT
	Cell composition; malfunction; Roll of the clinical chemistry laboratory.		1	4	Presentation 3)Group Discussion


## References:

Text books (Theory)

- Harpers review of biochemistry - Martin
- Text book of biochemistry – D.Satyanarayana
- Text book of clinical chemistry- Alex kaplan &Laverve L.Szabo

Reference books (Theory)

- Principles of biochemistry -- Lehninger
- Text book of biochemistry -- Ramarao
- Practical Biochemistry-David T.Plummer.
- Practical Biochemistry-Pattabhiraman.

  
Faculty In charge

  
Dean Academics

  
HOD

  
Principal



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

**PLAN OF STUDY**

**Academic year: 2019-20**  
**Subject Code: PHAD2A03Pr**  
**Subject name: MEDICINAL BIOCHEMISTRY**

**Course: I PHARM D [RS2]**  
**Total hours:75 Hours**  
**Section: Practical**

**Course Objectives:** The Objective of this course is to

- **Educate** students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

S. NO	Topic	Prescribed hrs	Break Up hrs	Methodology
<b>I SESSIONAL</b>				
1	Qualitative analysis of normal inorganic constituents of urine (sample 1)	3	3	Chalk-Board
2	Qualitative analysis of normal inorganic constituents of urine (sample 2)	3	3	Chalk-Board
3	Qualitative analysis of abnormal constituents of urine (sample 1)	3	3	Chalk-Board
4	Qualitative analysis of abnormal constituents of urine (sample 2)	3	3	Chalk-Board
5	Quantitative estimation of urine sugar by Benedict's reagent method	3	3	Chalk-Board
6	Quantitative estimation of urine chlorides by Volhard's method.	3	3	Chalk-Board
7	Study of factors affecting Enzyme activity	3	3	Demonstration
8	Quantitative estimation of urine calcium by precipitation method	3	3	Chalk-Board
<b>II ND SESSIONAL</b>				
9	Quantitative estimation of serum cholesterol by Libermann Burchard's method	3	3	Chalk-Board
10	Preparation of Folin Wu filtrate from blood	3	3	Chalk-Board
11	Quantitative estimation of blood creatinine	3	3	Chalk-Board
12	Estimation of SGOT in serum	3	3	Chalk-Board
13	Estimation of SGPT in serum	3	3	Demonstration
14	Estimation of Urea in Serum	3	3	Demonstration
15	Estimation of Proteins in Serum	3	3	Demonstration
16	Determination of serum bilirubin	3	3	Demonstration
<b>III ND SESSIONAL</b>				
17	Determination of Glucose by means of Glucoseoxidase	3	3	Chalk-Board



Children's Education Society (Regd.)

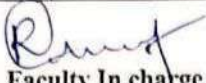
# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

18	Enzymatic hydrolysis of Glycogen/Starch by Amylases	3	3	Demonstration
19	Quantitative estimation of urine creatinine by Jaffe's method	3	3	Chalk-Board
20	Preparation of standard buffer solutions and its pH measurements	3	3	Demonstration
21	Determination of sodium and calcium in serum	3	3	Instrument handling
22	Experiment on lipid profile test	3	3	Demonstration
23	Determination of potassium in serum	3	3	Instrument handling
24	Qualitative analysis of normal organic constituents of urine (sample 1)	3	3	Chalk-Board
25	Qualitative analysis of normal organic constituents of urine (sample 2)	3	3	Chalk-Board

  
Faculty In charge

HOD 

  
Dean Academics

P. Padma  
Principal





**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

Lesson Plan

Academic year: 2019-20

Subject Code: PHAD2A03Th

Subject name: **MEDICINAL BIOCHEMISTRY**

Course: I Pharm D [RS2]

Total hours: 75 Hours

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	3 Hrs	10-08-19	9:50 AM-10:40 AM	Introduction to Biochemistry	Cell and its biochemical organization, transport process across the cell membranes.	
		10-08-19	11:50 AM - 12:40 PM	Introduction to Biochemistry	Energy rich compounds; ATP,	
		14-08-19	9:00 AM-9:50 AM	Introduction to Biochemistry	Cyclic AMP and their biological significance.	
2	10 Hrs	16-08-19	9:50 AM - 10:40 AM	Enzymes	Definition and Nomenclature	
		17-08-19	11:50 AM - 12:40 PM	Enzymes	IUB classification	
		19-08-19	9:00 AM - 9:50 AM	Enzymes	Factor affecting enzyme activity.	
		21-08-19	9:50 AM - 10:40 AM	Enzymes	Factor affecting enzyme activity.	
		24-08-19	11:50 AM-12:40 PM	Enzymes	Enzyme action	
		04-09-19	9:00 AM-9:50 AM	Enzymes	enzyme inhibition	
		07-09-19	9:50 AM-10:40 AM	Enzymes	Isoenzymes	
		11-09-19	11:50 AM-12:40 PM	Enzymes	Therapeutic application	
		16-09-19	9:00 AM - 9:50 AM	Enzymes	Coenzymes	
		23-09-19	9:50 AM - 10:40 AM	Enzymes	Coenzymes and their biochemical role and deficiency diseases.	
3	12 Hrs	30-09-19	11:50 AM-12:40 PM	Carbohydrate Metabolism	Glycolysis	
		09-10-19	9:00 AM - 9:50 AM	Carbohydrate Metabolism	Citric acid cycle	
		13-11-19	9:50 AM - 10:40 AM	Carbohydrate Metabolism	HMP shunt	
		23-11-19	11:50 AM - 12:40 PM	Carbohydrate Metabolism	Glycogenolysis	
		25-11-19	9:00 AM - 9:50 AM	Carbohydrate Metabolism	gluconeogenesis, glycogenesis	
		30-11-19	9:50 AM-10:40 AM	Carbohydrate Metabolism	Metabolic disorders of carbohydrate	
		02-12-19	11:50 AM-12:40 PM	Carbohydrate Metabolism	Metabolic disorders of carbohydrate metabolism	
		04-12-19	9:00 AM - 9:50 AM	Carbohydrate Metabolism	Metabolic disorders of carbohydrate metabolism	

*As per plan*  
*gale*





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		07-12-19	9:50 AM - 10:40 AM	Carbohydrate Metabolism	Metabolic disorders of carbohydrate metabolism	
		14-12-19	11:50 AM - 12:40 PM	Carbohydrate Metabolism	Diabetes mellitus	
		16-12-19	9:00 AM - 9:50 AM	Carbohydrate Metabolism	glycogen storage diseases	
		21-12-19	9:50 AM - 10:40 AM	Carbohydrate Metabolism	Glucose, Galactose tolerance test and their significance; hormonal regulation of carbohydrate metabolism.	
4	2 Hrs	23-12-19	11:50 AM - 12:40 PM	Immunochemical techniques	Determination of hormone levels and protein levels in serum for endocrine diseases and infectious diseases.	
		28-12-19	9:00 AM - 9:50 AM	Immunochemical techniques	RIA, ELISA	
5	5 Hrs	01-01-20	9:50 AM - 10:40 AM	Biological oxidation	Coenzyme system involved in Biological oxidation	
		06-01-20	11:50 AM - 12:40 PM	Biological oxidation	Coenzyme system involved in Biological oxidation	
		08-01-20	9:00 AM - 9:50 AM	Biological oxidation	Electron transport chain	
		13-01-20	9:50 AM - 10:40 AM	Biological oxidation	ETC its mechanism in energy capture;	
		20-01-20	11:50 AM - 12:40 PM	Biological oxidation	Uncouplers of ETC; Oxidative phosphorylation	
6	12 Hrs	29-01-20	9:00 AM - 9:50 AM	Protein and amino acid metabolism	protein turn over	
		29-01-20	9:50 AM - 10:40 AM	Protein and amino acid metabolism	nitrogen balance; Catabolism of Amino acids	
		12-02-20	11:50 AM - 12:40 PM	Protein and amino acid metabolism	Transamination	
		14-02-20	9:00 AM - 9:50 AM	Protein and amino acid metabolism	deamination & decarboxylation	
		19-02-20	9:50 AM - 10:40 AM	Protein and amino acid metabolism	Urea cycle	
		26-02-20	11:50 AM - 12:40 PM	Protein and amino acid metabolism	Urea cycle and its metabolic disorders	
		29-02-20	9:00 AM - 9:50 AM	Protein and amino acid metabolism	production of bile pigments;	As per plan given
		04-03-20	9:50 AM - 10:40 AM	Protein and amino acid metabolism	hyperbilirubinemia, porphyria, jaundice.	
		06-03-20	11:50 AM - 12:40 PM	Protein and amino acid metabolism	Metabolic disorder of Amino acids	
		07-03-20	9:00 AM - 9:50 AM	Protein and amino acid metabolism	Metabolic disorder of Amino acids	
		11-03-20	9:50 AM - 10:40 AM	Protein and amino acid metabolism	Metabolic disorder of Amino acids	
7	2 Hrs	03-04-20	9:00 AM - 9:50 AM	The kidney function tests	Role of kidney; Laboratory tests for normal function includes a) Urine	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					analysis (macroscopic and physical examination, quantitative and semiquantitative tests.)	
		07-04-20	9:50 AM-10:40 AM	The kidney function tests	Test for NPN constituents. (Creatinine /urea clearance, determination of blood and urine creatinine, urea and uric acid), Urine concentration test d) Urinary tract calculi. (stones)	
8	2 Hrs	10-04-20	11:50 AM-12:40 PM	Lipid profile tests	Lipoproteins, composition, functions. Determination of serum lipids,	
		13-04-20	9:00 AM - 9:50 AM	Lipid profile tests	total cholesterol, HDL cholesterol, LDL cholesterol and triglycerides	
9	2 Hrs	15-04-20	9:50 AM - 10:40 AM	Electrolytes	Body water, compartments, water balance, and electrolyte distribution	
		16-04-20	11:50 AM-12:40 PM	Electrolytes	Determination of sodium, calcium potassium, chlorides, bicarbonates in the body fluids	
10	10 Hrs	23-04-20	9:00 AM - 9:50 AM	Lipid metabolism	Oxidation of fatty acid	
		24-04-20	9:50 AM-10:40 AM	Lipid metabolism	Oxidation of saturated ( $\beta$ -oxidation);	
		27-04-20	11:50AM-12:40 PM	Lipid metabolism	Ketogenesis and ketolysis	
		28-04-20	9:00 AM - 9:50 AM	Lipid metabolism	biosynthesis of fatty acids	
		29-04-20	9:50 AM - 10:40 AM	Lipid metabolism	lipids	
		30-04-20	11:50 AM - 12:40 PM	Lipid metabolism	metabolism of cholesterol	
		02-05-20	9:00 AM-9:50 AM	Lipid metabolism	metabolism of cholesterol	
		03-05-20	9:50 AM - 10:40 AM	Lipid metabolism	Hormonal regulation of lipid metabolism	
		04-05-20	11:50 AM-12:40 PM	Lipid metabolism	Defective metabolism of lipids	
		06-05-20	9:00 AM - 9:50 AM	Lipid metabolism	Atherosclerosis, fatty liver, hypercholesterolemia	
11	2 Hrs	08-05-20	9:50 AM-10:40 AM	Liver function tests	Physiological role of liver, metabolic, storage, excretory, protective, circulatory functions and function in blood coagulation	As per plan Golu
		09-05-20	11:50 AM-12:40 PM	Liver function tests	Test for hepatic dysfunction-Bile pigments metabolism. b) Test for hepatic function test- Serum bilirubin, urine bilirubin, and urine urobilinogen.  Dye tests of excretory function. d) Tests based upon abnormalities of serum proteins. Selected enzyme tests	
12	12 Hrs	10-05-20	9:00 AM -	Nucleic acid metabolism	Introduction to nucleic acid	



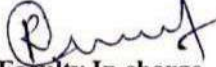


**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

		9:50 AM			
	11-05-20	9:50 AM - 10:40 AM	Nucleic acid metabolism	Metabolism of purine and pyrimidine	
	13-05-20	11:50 AM - 12:40 PM	Nucleic acid metabolism	nucleotides	
	15-05-20	9:00 AM - 9:50 AM	Nucleic acid metabolism	Protein synthesis	
	16-05-20	9:50 AM - 10:40 AM	Nucleic acid metabolism	Genetic code	
	18-05-20	11:50 AM - 12:40 PM	Nucleic acid metabolism	Inhibition of protein synthesis	
	20-05-20	9:00 AM - 9:50 AM	Nucleic acid metabolism	mutation	
	21-05-20	9:50 AM - 10:40 AM	Nucleic acid metabolism	Repair mechanism	
	22-05-20	11:50 AM - 12:40 PM	Nucleic acid metabolism	DNA replication	As per plan 27/5/20
	23-05-20	9:00 AM - 9:50 AM	Nucleic acid metabolism	semiconservative onion peel model,	
	25-05-20	9:50 AM - 10:40 AM	Nucleic acid metabolism	DNA repair mechanism	
	27-05-20	11:50 AM - 12:40 PM	Nucleic acid metabolism	DNA repair mechanism	As per plan 27/5/20
13		29-05-20	9:00 AM - 9:50 AM	Introduction to clinical chemistry	Cell composition; malfunction; Roll of the clinical chemistry laboratory.

NO change in planned schedule (From March 2020 onwards online classes were conducted)

  
Faculty In charge

  
HOD

  
Dean Academics

  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2019-20

Subject Code: PHAD2A03Pr

Subject name: MEDICINAL BIOCHEMISTRY

Course: I PHARM D [RS2]

Total hours: 75 Hours

Section: Practical Batch-1

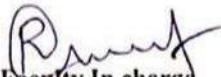
S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	3	13-08-19	9:00 AM-11:50 AM	Qualitative analysis of normal inorganic constituents of urine (sample 1)	
2	3	20-08-19	9:00 AM-11:50 AM	Qualitative analysis of normal inorganic constituents of urine (sample 2)	
3	3	27-08-19	9:00 AM-11:50 AM	Qualitative analysis of abnormal constituents of urine (sample 1)	
4	3	03-09-19	9:00 AM-11:50 AM	Qualitative analysis of abnormal constituents of urine (sample 2)	
5	3	17-09-19	9:00 AM-11:50 AM	Quantitative estimation of urine sugar by Benedict's reagent method	
6	3	24-09-19	9:00 AM-11:50 AM	Quantitative estimation of urine chlorides by Volhard's method.	
7	3	01-10-19	9:00 AM-11:50 AM	Study of factors affecting Enzyme activity	
8	3	08-11-19	9:00 AM-11:50 AM	Quantitative estimation of urine calcium by precipitation method	
9	3	22-11-19	9:00 AM-11:50 AM	Quantitative estimation of serum cholesterol by Libermann Burchard's method	
10	3	26-11-19	9:00 AM-11:50 AM	Preparation of Folin Wu filtrate from blood	
11	3	03-12-19	9:00 AM-11:50 AM	Quantitative estimation of blood creatinine	
12	3	10-12-19	9:00 AM-11:50 AM	Estimation of SGOT in serum	
13	3	17-12-19	9:00 AM-11:50 AM	Estimation of SGPT in serum	
14	3	24-12-19	9:00 AM-11:50 AM	Estimation of Urea in Serum	
15	3	31-12-19	9:00 AM-11:50 AM	Estimation of Proteins in Serum	As per plan
16	3	07-01-20	9:00 AM-11:50 AM	Determination of serum bilirubin	
17	3	21-01-20	9:00 AM-11:50 AM	Determination of Glucose by means of Glucoseoxidase	
18	3	27-01-20	9:00 AM-11:50 AM	Enzymatic hydrolysis of Glycogen/Starch by Amylases	
19	3	01-02-20	9:00 AM-11:50 AM	Quantitative estimation of urine creatinine by Jaffe's method	As per plan
20	3	18-02-20	9:00 AM-11:50 AM	Preparation of standard buffer solutions and its pH measurements	
21	3	25-02-20	9:00 AM-	Determination of sodium and calcium in serum	






Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

			11:50 AM		
22	3	10-03-20	9:00 AM- 11:50 AM	Experiment on lipid profile test	As per plan 23/2/20
23	3	17-03-20	9:00 AM- 11:50 AM	Determination of potassium in serum	As per plan 23/2/20
24	3	03-04-20	9:00 AM- 11:50 AM	Qualitative analysis of normal organic constituents of urine (sample 1)	As per plan 23/2/20
25	3	8-4-20	9:00 AM- 11:50 AM	Qualitative analysis of normal organic constituents of urine (sample 2)	

  
Faculty In charge

  
Dean Academics

HOD   
P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2019-20

Course: IISEM M Pharm [RS5]

Subject Code: MPH204T

Total hours: 60

Subject name: Cosmetics and Cosmeceuticals

Section: Theory

Course Objectives: The Objective of this course is to

□ Educate students to have sound knowledge in Pharmaceutical formulation & development and to attain skills required in pharmacy profession.

□ To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfil the requirements of Pharmaceutical Industries, Research and formulation development and also to pursue PhD.

□ To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutics, Cosmetics, Pharmaceutical Analysis, Drug regulatory affairs, drug design etc.

### Course Outcomes:

CO1: To understand the key ingredients used in cosmetics and Cosmeceuticals for skin, pigmentation & hair structure.

CO2. To study the building blocks for various cosmetic formulations. Controversial ingredients in cosmetics.

CO3. Understand design of herbal cosmetics for sun protectants, pigmentation, dry skin and challenges in formulating it.

CO4. Understand guidelines and Challenges in formulating herbal cosmetics by private bodies like cosmos, developing cosmetics with desired rheology Safety, stability and efficacy.

CO5. Study INCI, hair dyes, soap, cosmetics safety data.

S. NO	Topic	Pr esc rib ed hrs	Break Up hrs	CO	Methodology
Unit 1	Formulations approaches and Requirements	12			
1	Definition of cosmetic products as per EU guidelines.		1	1	1. Journal Club
2	Definition of cosmetic products as per EU guidelines.		1	1	2. Chalk-Board
3	Structure of skin relating to problems like dry skin, acne.		1	1	3. PPT presentation
4	Structure of skin relating to problems like pigmentation, prickly heat,		1	1	4. Group Discussion
5	Structure of skin relating to problems like wrinkles and body odour.		1	1	5. e- content



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

6	Structure of hair and hair growth cycle.		1	1	6.ICT
7	Common problems associated with oral cavity.		1	1	7. LMS
8	Cleansing and care needs for face, eye lids.		1	1	8.MOOCs/ Swayam
9	Cleansing and care needs for hands, lips.		1	1	
10	Cleansing and care needs for feet, nail, scalp.		1	1	
11	Cleansing and care needs for neck, body and under-arms.		1	1	
12	Formulation requirements for ethnic needs.		1	1	
<b>Unit 2</b>	<b>Plant Lay out, factory requirements and commonly used cosmetics raw materials</b>	12			
13	Building blocks for different product formulations of cosmetics/Cosmeceuticals		1	2	1. Journal Club
14	Building blocks for different product formulations of cosmetics/Cosmeceuticals		1	2	2. Chalk-Board
15	Surfactants- Classification and application.		1	2	3. PPT presentation
16	Emollients rheological additives: classification and application.		1	2	4. Group Discussion
17	Antimicrobials used as preservatives, their merits and demerits		1	2	5. e- content
18	Factors affecting microbial preservative efficacy		1	2	6.ICT
19	Building blocks for formulation of a cream,		1	2	7. LMS
20	Building blocks for formulation of shampoo and toothpaste.		1	2	8.MOOCs/ Swayam
21	Perfumes; Classification of perfumes.		1	2	
22	Perfume ingredients listed as allergens in EU regulation.		1	2	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

23	Controversial ingredients: Parabens,		1	2	
24	Controversial ingredients: formaldehyde liberators, dioxane		1	2	
UNI T3	<b>Design of special purpose Cosmeceuticals products</b>	12			1. Journal Club
25	Sun protection		1	3	2. Chalk-Board
26	sunscreens classification		1	3	3. PPT presentation
27	Sunscreens regulatory aspects		1	3	4. Group Discussion
28	Addressing dry skin, acne.		1	3	5. e- content
29	Sun-protection		1	3	6. ICT
30	Pigmentation, Prickly heat		1	3	7. LMS
<b>II Sessional</b>					
31	Wrinkles, body odor		1	3	1. Journal Club
32	Dandruff		1	3	2. Chalk-Board
33	Dental cavities		1	3	3. PPT presentation
34	Bleeding gums		1	3	4. Group Discussion
35	Mouth odour		1	3	5. e- content
36	Sensitive teeth		1	3	6. ICT
					7. LMS
					8. MOOCs/ Swayam
UNI T4	<b>Herbal Cosmetics</b>	12			
37	Introduction to herbal cosmetics		1	4	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

38	Herbal ingredients used in Hair care	1	4	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
39	Herbal ingredients used in skin care	1	4	
40	Herbal ingredients used in oral care.	1	4	
41	Review of guidelines for herbal cosmetics	1	4	
42	Review of guidelines for herbal cosmetics by private bodies like cosmos with respect to preservatives	1	4	
43	Review of guidelines for herbal cosmetics by private bodies like cosmos with respect to Emollients	1	4	
44	Review of guidelines for herbal cosmetics by private bodies like cosmos with respect to foaming agents	1	4	
45	Review of guidelines for herbal cosmetics by private bodies like cosmos with respect to Emulsifiers	1	4	
46	Review of guidelines for herbal cosmetics by private bodies like cosmos with respect to rheology modifiers.	1	4	
47	Challenges in formulating herbal cosmetics	1	4	
48	Challenges in formulating herbal cosmetics.	1	4	
UNI T5	<b>Formulation of Lip care products and Cosmetic Safety.</b>			
49	Chemistry and formulation of paraphylene diamine based hair colorants	1	5	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS
50	Chemistry and formulation of paraphylene diamine based hair colorants	1	5	
51	Soaps and syndet bars	1	5	
52	Labelling requirements for cosmetics	1	5	
53	Study of salient features of cosmetic safety data base developed by private body	1	5	
54	Study of salient features of cosmetic safety data base developed by private body	1	5	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

55	International Nomenclature of Cosmetic Ingredients (INCI).		1	5	8.MOOCs/ Swayam
56	International Nomenclature of Cosmetic Ingredients (INCI).		1	5	
57	Review of the list of ingredients on the labels of cosmetics of the products in the market and conduct comparative study of the formulations		1	5	
58	Review of the list of ingredients on the labels of Cosmeceuticals range of the products in the market and conduct comparative study of the formulations.		1	5	
59	Review of the list of ingredients on the labels of baby care range of the products in the market and conduct comparative study of the formulations.	10	1	5	
60	Review of the list of ingredients on the labels of men's range of the products in the market and conduct comparative study of the formulations.		1	5	

  
Faculty In charge

  
Dean Academics

  
HOD

  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2019-20

Subject Code: MPH 204T

Subject name: COSMETICS AND COSMECEUTICALS

Course: II Sem M Pharm [RS5]

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 Hrs	28-1-2020	9:00 AM-9:50 AM	Formulation approaches and requirements	Definition of cosmetic as per EU	
		28-1-2020	1:30 PM-2:20 PM		Structure of skin and dry skin	
		31-1-2020	3:10 PM-4:00 PM		Dry skin and acne	
		1-2-2020	11:50 AM-12:40 PM		Pigmentation and prickly heat	
		7-2-2020	3:10 PM-4:00 PM		Hair, growth, cycle	
		10-2-2020	1:30 PM-2:20 PM		problems associated with oral cavity	
		11-2-2020	9:00 AM-9:50 AM		Cleansing and care needs for general	
		11-2-2020	1:30 PM-2:20 PM		Face ,Eyelids , care and Cleansing	
		14-2-2020	3:10 PM-4:00 PM		Hands, Lips	
		17-2-2020	11:00 AM-11:50 AM		Scalp, Feet care	
		17-2-2020	1:30 PM-2:20 PM		Nail, Neck care	
		18-2-2020	9:00 AM-9:50 AM		Formulation for ethics	
2	12 Hrs	18-2-2020	1:30 PM-2:20 PM	Plant layout fundamental requirements	Plant layout for cosmetics	<i>As per plan 18/2/2020</i>
		24-2-2020	1:30 PM-2:20 PM		Building blocks for preservatives	
		25-2-2020	9:00 AM-9:50 AM		Surfactants – Classification and application	
		25-2-2020	1:30 PM-2:20 PM		Emollient and Rheology	
		28-2-2020	3:10 PM-4:00 PM		Antimicrobials	
		29-2-2020	3:10 PM-4:00 PM		Factors affecting microbial preservative efficacy	
		2-3-2020	1:30 PM-2:20 PM		Building blocks for formulation of a creams	
		3-3-2020	9:00 AM-		Building blocks for toothpaste	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			9:50 AM			
		3-3-2020	1:30 PM- 2:20 PM		Perfumes	
		5-3-2020	3:10 PM- 4:00 PM		Perfumes	
		6-3-2020	3:10 PM- 4:00 PM		Controversial ingredients	
		7-3-2020	11:50 AM- 12:40 PM		Controversial ingredients	
3	12 Hrs	9-3-2020	11:00 AM- 11:50 AM	Design of special purpose cosmeceutical products	Sun prospects	
		9-3-2020	1:30 PM- 2:20 PM		Sun prospects classification and regulation	
		10-3-2020	9:00 AM- 9:50 AM		regulatory aspects sunscreen	
		10-3-2020	1:30 PM- 2:20 PM		Acne ,Sun protectors	
		23-3-2020	9:00 AM- 9:50 AM		Herbal ingredients- skin ,oral	
		24-3-2020	9:00 AM- 9:50 AM		Herbal ingredients-hair care	
		24-3-2020	1:30 PM- 2:20 PM		Review of moisturising cream	
		27-3-2020	3:10 PM- 4:00 PM		Challenge in formulation herbal cosmetics	
		28-3-2020	11:50 PM- 12:40 PM		Formulation of lip care	
		30-3-2020	9:00 AM- 9:50 AM		Hair dye	
		31-3-2020	9:00 AM- 9:50 AM		Hair dye	
		31-3-2020	1:30 PM- 2:20 PM		Chemistry of PPD	
4	12 Hrs	3-4-2020	3:10 PM- 4:00 PM		Labelling for cosmetics	
		6-4-2020	9:00 AM- 9:50 AM		Salient features of INCI	
		7-4-2020	9:00 AM- 9:50 AM		Dental cavities	
		7-4-2020	1:30 PM- 2:20 PM		Bleeding gums	
		11-4-2020	3:10 PM- 4:00 PM		Mouth odour	
		13-4-2020	9:00 AM- 9:50 AM		Sensitivity of teeth	
		17-4-2020	3:10 PM-		INCI of cosmetics	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			4:00 PM			
		20-4-2020	9:00 AM- 9:50 AM		Revising question and answers	
		21-4-2020	9:00 AM- 9:50 AM		Revising previous question papers	
		21-4-2020	1:30 PM- 2:20 PM		Seminar of students	
		24-4-2020	3:10 PM- 4:00 PM		Seminar of students	
		27-4-2020	9:00 AM- 9:50 AM	Question and answers	Revising of questions	
5	12 Hrs	28-4-2020	9:00 AM- 9:50 AM		Revising of syllabus	
		28-4-2020	1:30 PM- 2:20 PM		Class test conducted	
		4-5-2020	9:00 AM- 9:50 AM		Viva of II sessional	
		5-5-2020	9:00 AM- 9:50 AM		Viva of II sessional	
		5-5-2020	1:30 PM- 2:20 PM		Viva of II sessional	
		8-5-2020	3:10 PM- 4:00 PM	Revision	Controversial ingredients	
		11-5-2020	9:00 AM- 9:50 AM	Revising	Herbal formulation changes	
		12-5-2020	9:00 AM- 9:50 AM		Quality control of Skin care	
		12-5-2020	1:30 PM- 2:20 PM		Quality control of herbal shampoo	
		15-5-2020	3:10 PM- 4:00 PM		Oral care (Mouth wash)	
		18-5-2020	9:00 AM- 9:50 AM		(Research ) sunscreen	
		19-5-2020	9:00 AM- 9:50 AM		Article on sunscreen (research)	
		20-5-2020	3:10 PM- 4:00 PM		Conducted test	
		22-5-2020	3:10 PM- 4:00 PM		Revision of II sessional syllabus	
		23-5-2020	2:20 PM- 3:10 PM		Revision of II sessional syllabus	
		26-5-2020	11:50 PM- 12:40 PM		Reference of RGUHS question papers	

*Classes are conducted as per plan*  
*As per plan*  
*12/5/2020*

*Shankar*  
 Faculty In charge  
 Dean Academics

*NO change in planned schedule*

*P. Padma*  
 HOD  
 Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2019-2020

Course: M. PHARM II Sem

Subject Code: MPL202T

Total hours: 60 Hrs

Subject name: Pharmacological and Toxicological screening methods -II

Section: Theory

Course Objectives: The Objective of this course is to

- Imbibe the concept of better patient health care at every face of Health-related activities.
- Should be capable of functioning independently in both rural and urban environment.
- Appraise fellow professionals in Hospitals, Community and Industry of newer developments in pharmacy.
- Be a part of all National & International sponsored health education programmes.
- Educate the community about disease prevention measures, community hygiene and better health.
- Inculcate critical thinking, clarity of expression, independent thinking and scientific temperament.
- Encourage active learning methods like group discussions, Seminars, peer interactions etc., which would enable students to develop discipline, personality, communicating skills, and other qualities, which are necessary.
- Be able to produce and market dosage forms and be responsible in minimizing the pollution hazards, by using proper scientific and logical techniques.

Course Outcomes:

- CO 1: Explain the various types of toxicity studies.
- CO2: Appreciate the importance of ethical and regulatory requirements for toxicity studies
- CO 3: Demonstrate the practical skills required to conduct the preclinical toxicity studies.

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>I SESSIONAL 30 hrs)</b>					
1	Basic definition and types of toxicology (general, mechanistic, regulatory and descriptive)	12 hrs	1	2	1. Chalk-Board 2. PPT presentation 3. Group Discussion
	, Basic definition and types of toxicology (general, mechanistic, regulatory and descriptive)		1	2	
			1	2	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Basic definition and types of toxicology (general, mechanistic, regulatory and descriptive)		1	2	4. e- content
	Basic definition and types of toxicology (general, mechanistic, regulatory and descriptive)		1	2	5.ICT
	Regulatory guidelines for conducting toxicity studies-ICH		1	2	6. LMS
	Regulatory guidelines for conducting toxicity studies-OECD		1	2	7.MOOCs/Swayam
	Regulatory guidelines for conducting toxicity studies-ICH		1	2	
	Regulatory guidelines for conducting toxicity studies-EPA		1	2	
	Regulatory guidelines for conducting toxicity studies- Schedule Y		1	1	
	OECD principles of good laboratory practice (GLP)		1	1	
	History, concept and importance in drug development		1	1	
2	Acute-oral studies as per OECD guidelines	12 hrs	1	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
	Sub-acute-oral studies as per OECD guidelines		1	3	
	Chronic- oral studies as per OECD guidelines		1	3	
	Acute and sub-acute- dermal studies as per OECD guidelines		1	3	
	Chronic-dermal studies as per OECD guideline		1	3	
	Acute and sub-acute-inhalational Studies as per OECD guidelines		1	3	
	Acute and sub-acute-inhalational Studies as per OECD guidelines		1	3	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Chronic- inhalational studies as per OECD guidelines.		1	3	
	Acute eye irritation studies		1	3	
	skin sensitization and dermal irritation studies		1	3	
	dermal toxicity studies		1	3	
	Test item characterization- importance and methods in regulatory toxicology studies		1	3	
3	Reproductive toxicology studies, Male reproductive toxicity studies,	12hrs	1	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	Reproductive toxicology studies, Male reproductive toxicity studies,		1	3	
	Reproductive toxicology studies- female reproductive studies (segment I and segment III)		1	3	
	Reproductive toxicology studies- female reproductive studies (segment I and segment III)		1	3	
	Teratogenicity studies (segment II)		1	3	
	Teratogenicity studies (segment II)		1	3	
<b>II SESSIONAL (30 HRS)</b>					
	Genotoxicity studies -Ames Test, and		1	3	
	Genotoxicity studies - in vitro and invivo Micronucleus test		1	3	
	Genotoxicity studies - in vitro and invivo Micronucleus test		1	3	
	Genotoxicity studies - Chromosomal aberrations studies		1	3	
	In vivo carcinogenicity studies		1	3	
	In vivo carcinogenicity studies		1	3	
4	IND enabling studies (IND studies)- Definition of IND, importance of IND	12 hrs	1	3	1. Chalk-Board





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	IND enabling studies (IND studies)- industry perspective		1	3	2. PPT presentation
	IND enabling studies (IND studies)- list of studies needed for INDsubmission		1	3	3. Group Discussion
	Safety pharmacology studies- origin and concepts		1	3	4. e- content 5.ICT
	Safety pharmacology studies- importance of safety pharmacology		1	3	6. LMS
	Tier1- CVS safety pharmacology		1	3	7.MOOCs/Swayam
	Tier1- CNS safety pharmacology		1	3	
	Tier1- respiratory safety pharmacology		1	3	
	Tier1- HERG assay		1	3	
	Tier2- GI safety pharmacology		1	3	
	Tier2- renal and other studies		1	3	
	Tier2- renal and other studies		1	3	
5	Toxicokinetic- Toxicokinetic evaluation in preclinical studies,	12 hrs	1	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5.ICT 6. LMS 7.MOOCs/Swayam
	Toxicokinetic- Toxicokinetic evaluation in preclinical studies,		1	3	
	Toxicokinetic- Toxicokinetic evaluation in preclinical studies,		1	3	
	Toxicokinetic- Toxicokinetic evaluation in preclinical studies,		1	3	
	Toxicokinetic- saturation kinetics		1	3	
	Toxicokinetic- saturation kinetics		1	3	
	Toxicokinetic- Importance and applications of toxicokinetic studies		1	3	
	Toxicokinetic- Importance and applications of toxicokinetic studies		1	3	
	Alternative methods to animaltoxicity testing		1	3	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Alternative methods to animal toxicity testing		1	3	
Alternative methods to animal toxicity testing		1	3	
Alternative methods to animal toxicity testing		1	3	

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

**Duration of Seminar hours:** 1 hour per week according to the prescribed syllabus

#### References:

1. Biological standardization by J.H. Burn D.J. Finney and I.G. Goodwin
2. Indian Pharmacopeia and other Pharmacopeia's
3. Screening methods in Pharmacology by Robert Turner. A
4. Evaluation of drugs activities by Laurence and Bachrach
5. Methods in Pharmacology by Arnold Schwartz.

S. Sai kumar

Faculty In charge

(S. Sai kumar)

Dean Academics

A. Som

HOD

P. Padma

Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2019-2020

Subject Code: MPL202T

Subject name: PTSM-II

Course: II Sem M Pharm PHARMACOLOGY

Total hours: 60 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 hrs	13/8/2019	9:50 AM-10:40 AM	Unit-I	Basic definition and types of toxicology	
		14/8/2019	9:00 AM-9:50 AM	Unit-I	Basic definition and types of toxicology- General	
		14/8/2019	11:00 AM-11:50 AM	Unit-I	Basic definition and types of toxicology- Mechanistic	
		16/8/2019	1:30 PM-2:20 PM	Unit-I	Basic definition and types of toxicology- regulatory, descriptive	
		16/8/2019	9:00 AM-9:50 AM	Unit-I	Regulatory guidelines for conducting toxicity studies-OECD	
		21/8/2019	11:00 AM-11:50 AM	Unit-I	Regulatory guidelines for conducting toxicity studies-OECD	
		21/8/2019	9:00 AM-9:50 AM	Unit-I	Regulatory guidelines for conducting toxicity studies-ICH	
		23/8/2019	11:00 AM-11:50 AM	Unit-I	Regulatory guidelines for conducting toxicity studies-EPA	AS per plan
		23/8/2019	1:30 PM-2:20 PM	Unit-I	Regulatory guidelines for conducting toxicity studies- Schedule Y	Am
		23/8/2019	9:50 AM-10:40 AM	Unit-I	OECD principles of good laboratory practice (GLP)	
		27/8/2019	9:00 AM-9:50 AM	Unit-I	OECD principles of good laboratory practice (GLP)	
		4/9/2019	11:00 AM-11:50 AM	Unit-I	History, concept and importance in drug development	
2	12 Hrs	4/9/2019	1:30 PM-2:20 PM	Unit-II	Acute-oral studies as per OECD guidelines	
		6/9/2019	9:00 AM-9:50 AM	Unit-II	Sub-acute-oral studies as per OECD guidelines	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		11/9/2019	11:00 AM-11:50 AM	Unit-II	Chronic- oral studies as per OECD guidelines	
		11/9/2019	1:30 PM-2:20 PM	Unit-II	Acute and sub-acute- dermal studies as per OECD guidelines	
		13/9/2019	9:00 AM-9:50 AM	Unit-II	Chronic-dermal studies as per OECD guideline	
		13/9/2019	11:00 AM-11:50 AM	Unit-II	Acute and sub-acute-inhalational	
		18/9/2019	9:00 AM-9:50 AM	Unit-II	Chronic- inhalational studies as per OECD guidelines.	
		18/9/2019	11:00 AM-11:50 AM	Unit-II	Acute eye irritation studies	
		20/9/2019	9:00 AM-9:50 AM	Unit-II	skin sensitization and dermal irritation studies	
		20/9/2019	11:00 AM-11:50 AM	Unit-II	dermal toxicity studies	
		20/9/2019	1:30 PM-2:20 PM	Unit-II	Test item characterization-importance and methods in regulatory toxicology studies	
		25/9/2019	9:00 AM-9:50 AM	Unit-II	Test item characterization-importance and methods in regulatory toxicology studies	
3	12 Hrs	25/9/2019	11:00 AM-11:50 AM	Unit-III	Reproductive toxicology studies	
		27/9/2019	9:00 AM-9:50 AM	Unit-III	Male reproductive toxicity studies,	
		27/9/2019	11:00 AM-11:50 AM	Unit-III	Segment -I studies	
		4/10/2019	9:00 AM-9:50 AM	Unit-III	Segment -I studies	
		4/10/2019	11:00 AM-11:50 AM	Unit-III	Segment -II studies	
		16/10/2019	9:00 AM-9:50 AM	Unit-III	Segment -II studies	
		16/10/2019	11:00 AM-11:50 AM	Unit-III	Segment -III studies	
		18/10/2019	9:00 AM-9:50 AM	Unit-III	Segment -III studies	
		18/10/2019	11:00 AM-11:50 AM	Unit-III	Teratogenic studies	
		18/10/2019	1:30 PM-2:20 PM	Unit-III	Ames test	
		22/10/2019	9:00 AM-9:50 AM	Unit-III	Invitro micronucleus test	

As per plan of study

As per plan of study  
18/10/2019





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,  
Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		23/10/2019	9:00 AM- 9:50 AM	Unit-III	Chromosomal aberration test	
4	12Hrs	23/10/2019	11:00 AM- 11:50 AM	Unit IV	IND enabling studies (IND studies)- Definition of IND, importance of IND	
		30/10/2019	9:00 AM - 9:50 AM	Unit IV	IND enabling studies (IND studies)- industry perspective	
		30/10/2019	11:00 AM - 11:50 AM	Unit IV	IND enabling studies (IND studies)- list of studies needed for INDsubmission	
		6/11/2019	9:00 AM - 9:50 AM	Unit IV	Safety pharmacology studies- origin and concepts	
		6/11/2019	11:00 AM- 11:50 AM	Unit IV	Safety pharmacology studies- importance of safety pharmacology	
		8/11/2019	9:00 AM - 9:50 AM	Unit IV	Tier1- CVS safety pharmacology	
		8/11/2019	11:00 AM - 11:50AM	Unit IV	Tier1- CNS safety pharmacology	
		13/11/2019	9:00 AM - 9:50 AM	Unit IV	Tier1- respiratory safety pharmacology	
		13/11/2019	11:00 AM - 11:50 AM	Unit IV	Tier1- HERG assay	
		19/11/2019	9:00 AM - 9:50 AM	Unit IV	Tier2- GI safety pharmacology	
		20/11/2019	9:00 AM - 9:50 AM	Unit IV	Tier2- renal and other studies	
		20/11/2019	11:00 AM - 11:50 AM	Unit IV	Tier2- renal and other studies	AS per plan
5	12 Hrs	22/11/2019	9:00 AM - 9:50 AM	Unit V	Toxicokinetic- Toxicokinetic evaluation in preclinical studies	
		22/11/2019	11:00 AM - 11:50 AM	Unit V	Toxicokinetic- Toxicokinetic evaluation in preclinical studies	
		27/11/2019	9:00 AM - 9:50 AM	Unit V	Toxicokinetic- Toxicokinetic evaluation in preclinical studies	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

4/12/2019	9:00 AM - 9:50 AM	Unit V	Toxicokinetic- Toxicokinetic evaluation in preclinical studies	
4/12/2019	11:00 AM - 11:50 AM	Unit V	Toxicokinetic- saturation kinetics	
4/12/2019	1:30 PM - 2:20 PM	Unit V	Toxicokinetic- saturation kinetics	
6/12/2019	9:00 AM - 9:50 AM	Unit V	Toxicokinetic- Importance and applications of toxicokinetic studies	
6/12/2019	11:00 AM - 11:50 AM	Unit V	Toxicokinetic- Importance and applications of toxicokinetic studies	
6/12/2019	1:30 PM - 2:20 PM	Unit V	Alternative methods to animal toxicity testing	
7/12/2019	9:00 AM - 9:50 AM	Unit V	Alternative methods to animal toxicity testing	AS per plan
7/12/2019	11:00 AM - 11:50 AM	Unit V	Alternative methods to animal toxicity testing	AS per plan
7/12/2019	1:30 PM - 2:20 PM	Unit V	Alternative methods to animal toxicity testing	AS per plan

no change in planned schedule

S. Jai Kumar

Faculty In charge

(S. Jai Kumar)

Dean Academics

AS per plan  
AS per plan  
AS per plan  
7/12/19

HOD

P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## PLAN OF STUDY

Academic year: 2019-2020

Course: I SEM M. Pharm (RS6)

Subject Code: MPL-104P

Total hours: 6Hrs/Week

Subject name: Pharmacology Practical-I

Section: Practical

**Course Objectives:** The objectives of this course is:

- To uphold all laws, regulations, safety and ethical standards that apply to the experimental procedures in animals and the environment and Acquire practical knowledge in various analytical techniques used in molecular biology
- To impart adequate hands-on training in various animal models and determine the effects of drugs using animal models and train the students in using suitable statistical methods for interpretation of results.
- To provide practical inputs in pharmacokinetic studies of various drugs and formulations in animals to establish in-vitro and in-vivo correlations and prepare the students in teamwork, lifelong learning and continuous improvement

### **Course Outcomes:**

Upon completion of the course, student shall be able to:

CO	Description
CO1	Handle animals and efficiently perform blood collection
CO2	Demonstrate various screening methods for different classes of drugs
CO3	Decide and select feasible experiments for research studies
CO4	Demonstrate basic molecular biology techniques
CO5	Demonstrate various in-vitro studies assays





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

S. NO	Topic	Prescribed hrs	Break Up hrs	Methodology
1.	Various routes of drug administration and Techniques of blood sampling, anaesthesia and euthanasia of experimental animals	6	6	Chalk Board Demonstration Instrument handling
2.	Functional observation battery tests (modified Irwin test) and Evaluation of CNS stimulant, depressant, anxiogenics and anxiolytic, anticonvulsant activity.	6	6	
3.	Evaluation of analgesic, anti-inflammatory, local anaesthetics, mydriasis mitotic and diuretic activity	6	6	
4.	Evaluation of antiulcer activity by pylorus ligation method.	6	6	
5.	Isolation and identification of DNA from various sources (Bacteria, Cauliflower, onion, Goat liver) and RNA from yeast.	6	6	
6.	Estimation of proteins by Bradford/Lowry's in biological samples and gene amplification by PCR.	6	6	
7.	Estimation of RNA/DNA by UV Spectroscopy and Protein quantification Western Blotting	6	6	Chalk Board Demonstration Instrument handling
8.	Enzyme based in-vitro assays (MPO, AChEs, $\alpha$ amylase, $\alpha$ glucosidase).	6	6	
9.	Cell viability assays (MTT/Trypan blue/SRB) and DNA fragmentation assay by agarose gel electrophoresis.	6	6	
10.	DNA damage study by Comet assay and Apoptosis determination by fluorescent imaging studies.	6	6	
11.	Pharmacokinetic studies and data analysis of drugs given by different routes of administration using software	6	6	
12.	Enzyme inhibition and induction activity	6	6	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## REFERENCES

1. CPCSEA, OECD, ICH, USFDA, Schedule Y, EPA guidelines,
2. Fundamentals of experimental Pharmacology by M.N.Ghosh
3. Handbook of Experimental Pharmacology by S.K. Kulkarni.
4. Drug discovery and Evaluation by Vogel H.G.
5. Spectrometric Identification of Organic compounds - Robert M Silverstein,
6. Principles of Instrumental Analysis - Douglas A Skoog, F. James Holler, Timothy A. Nieman,
7. Vogel's Text book of quantitative chemical analysis - Jeffery, Basset, Mendham, Denney,
8. Basic Cell Culture protocols by Cheril D. Helgason and Cindy L.Mille
9. Basic Cell Culture (Practical Approach) by J. M. Davis (Editor)
10. Animal Cell Culture: A Practical Approach by John R. Masters (Editor)
11. Practical Manual of Experimental and Clinical Pharmacology by Bikash Medhi(Author),  
Ajay Prakash (Author) Jaypee brothers' medical publishers Pvt.

*Kalyani*

**Faculty-Incharge**

(Kalyani)

*[Signature]*  
**Dean Academics**

*[Signature]*

**HOD**

*[Signature]*

**Principal**





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2019-2020

Course: I Sem M Pharm PHARMACOLOGY

Subject Code: MPL104P

Total hours: 6 Hrs/ WEEK

Subject name: Pharmacology Practical-I

Section: Practical

S.NO	Prescribed Hrs	Date	Time	Experiments Covered	Remarks
1.	6 hrs	19/12/2019	9:00 AM-3:10 PM	Various routes of drug administration and Techniques of blood sampling,	
2.	6 hrs	26/12/2019	9:00 AM-3:10 PM	anaesthesia and euthanasia of experimental animals Functional observation battery tests (modified Irwin test)	
3.	6 hrs	2/1/2020	9:00 AM-3:10 PM	Evaluation of CNS stimulant, depressant, anxiogenics and anxiolytic, anticonvulsant activity.	
4.	6 hrs	9/1/2020	9:00 AM-3:10 PM	Evaluation of antiulcer activity by pylorus ligation method.	
5.	6 hrs	16/1/2020	9:00 AM-3:10 PM	Isolation and identification of DNA from various sources (Bacteria, Cauliflower, onion, Goat liver) and RNA from yeast.	
6.	6 hrs	23/1/2020	9:00 AM-3:10 PM	Estimation of proteins by Bradford/Lowry's in biological samples and gene amplification by PCR.	<i>As per plan of study classes are conducted</i>
7.	6 hrs	30/1/2020	9:00 AM-3:10 PM	Evaluation of analgesic, anti-inflammatory,	
8.	6 hrs	6/2/2020	9:00 AM-3:10 PM	Estimation of RNA/DNA by UV Spectroscopy and Protein quantification Western Blotting	<i>[Signature]</i> 14/2/2020
9.	6 hrs	13/2/2020	9:00 AM-3:10 PM	Enzyme based in-vitro assays (MPO, AChEs, $\alpha$ amylase, $\alpha$ glucosidase).	
10.	6 hrs	20/2/2020	9:00 AM-3:10 PM	Cell viability assays (MTT/Trypan blue/SRB)	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

11.	6 hrs	27/2/2020	9:00 AM-3:10 PM	DNA damage study by Comet assay.	
12.	6 hrs	5/3/2020	9:00 AM-3:10 PM	Pharmacokinetic studies and data analysis of drugs given by different routes of administration using software	
13.	6 hrs	12/3/2020	9:00 AM-3:10 PM	Enzyme inhibition and induction activity	
14.	6 hrs	19/3/2020	9:00 AM-3:10 PM	Evaluation of local anaesthetics, mydriasis mitotic and diuretic activity	As per plan of study. For 3/19/2020
15.	6 hrs	26/3/2020	9:00 AM-3:10 PM	Apoptosis determination by fluorescent imaging studies	
16.	6 hrs	2/4/2020	9:00 AM-3:10 PM	DNA fragmentation assay by agarose gel electrophoresis.	As per plan study

NO change in planned schedule

*Kalyani*

Faculty In charge

*(Kalyani)*

Dean Academics

*[Signature]*  
HOD

*P. Padma*  
Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Plan of Study

Academic year: 2018-19

Subject Code: BP301T

Subject name: Pharmaceutical Organic Chemistry-II

Course Objectives: The Objective of this course is -

- To educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

**Course Outcomes:**

CO1--- write the structure, name and the type of isomerism of the organic compound

CO2--- write the reaction, name the reaction and orientation of reactions

CO3--- account for reactivity/stability of compounds.

CO4--- prepare organic compounds.

Course: III-Sem B Pharm [RSS]

Total hours: 45 Hrs

Section: Theory

S. NO	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>I SESSIONAL (24 hrs)</b>					
1.	Introduction	10 hrs			1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Swayam
	<b>UNIT-I, Benzene and its derivatives</b>				
	A. Introduction, nomenclature, method of preparation of benzene. B. Reactions of benzene – General EAS reaction.		1	4	
	B. Reactions of benzene - nitration, sulphonation, halogenation-reactivity.		1	4	
	B. Reactions of benzene - Friedel crafts alkylation-reactivity, limitations, Friedel crafts acylation.		1	4	
	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-o.p-directing groups		1	2	
	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-m-directing groups		1	2	
	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-Ring activators.		1	2	
	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-Ring deactivators.		1	2	
	D. Analytical, synthetic and other evidences in the derivation of structure of benzene,		1	1	
	Orbital picture, resonance in benzene, aromatic characters, Huckel's rule		1	1	
	D. Structure and uses of DDT, Saccharin, BHC and		1	1	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	Chloramine				
2.	<b>UNIT-II</b>				
	<b>Phenols*</b> - Introduction, Nomenclature, Preparation and Chemical properties.		1	2	
	<b>Phenols*</b> - Chemical properties, qualitative tests, Structure and uses of phenol, cresols, resorcinol, naphthols.		1	2	
	<b>Phenols*</b> - Acidity of phenols, effect of substituents on acidity.		1	3	
	<b>Aromatic Amines*</b> - Introduction, Nomenclature, Preparation, Chemical properties,	10 hrs	1	2	
	<b>Aromatic Amines*</b> - Chemical properties of Amines.		1	2	
	<b>Aromatic Amines*</b> - Basicity of amines, effect of substituents on basicity		1	3	
	<b>Aromatic Amines*</b> - Preparation, Chemical properties, and synthetic uses of aryl diazonium salts.		1	2	
	<b>Aromatic Amines*</b> - Chemical properties, and synthetic uses of aryl diazonium salts.		1	2	
	<b>Aromatic Acids*</b> - Introduction, Nomenclature, Preparation of benzoic acid.		1	2	
	<b>Aromatic Acids*</b> - Chemical properties, Acidity, effect of substituents on acidity and important reactions of benzoic acid.		1	3	
3.	<b>UNIT-III</b>				
	<b>Fats and Oils</b>				
	a. Introduction about fats and oils, Fatty acids-reactions.	4 hrs	1	2	
	b. Hydrolysis, Hydrogenation,		1	2	
	b. Saponification and Rancidity of oils, Drying oils.		1	2	
	b. Drying oils.		1	2	
<b>II SESSIONAL (21 hrs)</b>					
	c. Analytical Constants-Acid value-significance and principle involved in their determination.		1	3	
	c. Analytical Constants- Saponification value-significance and principle involved in their determination.		1	3	
	c. Analytical Constants-Ester value -significance and principle involved in their determination.	6 hrs	1	3	
	c. Analytical Constants-Iodine value-significance and principle involved in their determination.		1	3	
	c. Analytical Constants-Acetyl value, -significance and principle involved in their determination.		1	3	
	c. Analytical Constants- Reichert Meissl (RM) value-significance and principle involved in their determination.		1	3	
4.	<b>UNIT-IV</b>				
	<b>Polynuclear hydrocarbons:</b>				
	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Naphthalene and their derivatives.		1	4	

- 1. Chalk-Board
- 2. PPT presentation
- 3. Group Discussion
- 4. e- content
- 5. ICT
- 6. LMS
- 7. MOOCs/Sw ayam

- 1. Chalk-Board
- 2. PPT presentation
- 3. Group Discussion
- 4. e- content
- 5. ICT
- 6. LMS
- 7. MOOCs/Sw ayam





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Naphthalene and their derivatives.	8 hrs	1	4	1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Sw ayam
	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Naphthalene and their derivatives.		1	4	
	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Anthracene their derivatives.		1	4	
	a a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Anthracene their derivatives.		1	4	
	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Phenanthrene and their derivatives.		1	4	
	b. Structure and medicinal uses of Diphenylmethane and their derivatives.		1	4	
	b. Structure and medicinal uses of Triphenylmethane and their derivatives.		1	4	
5.	<b>UNIT-V</b>	7 hrs			1. Chalk-Board 2. PPT presentation 3. Group Discussion 4. e- content 5. ICT 6. LMS 7. MOOCs/Sw ayam
	<b>Cycloalkanes*</b>				
	Introduction about cycloalkanes, nomenclature, rules for nomenclature.		1	3	
	Preparation of cycloalkanes.		1	3	
	Chemical properties of cycloalkanes.		1	3	
	Stabilities-Baeyer's strain theory, limitation of Baeyer's strain theory		1	3	
	Stabilities-Coulson and Moffitt's modification		1	3	
	Stabilities-Sachse Mohr's theory (Theory of strainless rings)		1	3	
	reactions of cyclopropane and cyclobutane only.	1	3		

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

### References:

1. Organic Chemistry by Morrison and Boyd
2. Organic Chemistry by I.L. Finar, Volume-I
3. Textbook of Organic Chemistry by B.S. Bahl & Arun Bahl.
4. Organic Chemistry by P.L. Soni
5. Practical Organic Chemistry by Mann and Saunders.
6. Vogel's text book of Practical Organic Chemistry
7. Advanced Practical organic chemistry by N.K. Vishnoi. 75
8. Introduction to Organic Laboratory techniques by Pavia, Lampman and Kriz.

*Kalshikyan*

Faculty In charge

Dean Academics

*Kalshikyan*

HOD

*P. Padua*

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2018-19

Subject Code: BP305P

Subject name: Pharmaceutical Organic Chemistry-II

Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

Course: III-Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical

S. NO	Topic	Prescribed hrs	Break Up hrs	Methodology
<b>I SESSIONAL</b>				
1.	Synthesis of Benzanilide from Aniline.	4	4	Chalk Board Demonstration Instrument handling
2.	Synthesis of Acetanilide from Aniline.	4	4	
3.	Synthesis of Salicylic acid from Aspirin.	4	4	
4.	Synthesis of 1-Phenylazo-2-naphthol from Aniline.	4	4	
5.	Synthesis of Benzil from Benzoin.	4	4	
6.	Synthesis of Dibenzalacetone from Benzaldehyde.	4	4	
7.	Synthesis of Phenyl benzoate from Phenol.	4	4	
8.	Synthesis of p-Bromoacetanilide from Acetanilide.	4	4	
9.	Synthesis of 2,4,6-Tribromoaniline from Aniline.	4	4	
10.	Synthesis of Cinnamic acid from Benzaldehyde.	4	4	
<b>II SESSIONAL</b>				
11.	Synthesis of Benzoic acid from Ethyl benzoate.	4	4	Chalk Board Demonstration Instrument handling
12.	Synthesis of Salicylic acid from Methyl salicylate.	4	4	
13.	Synthesis of m-Dinitrobenzene from nitrobenzene.	4	4	
14.	Synthesis of Benzoic acid from Benzyl chloride.	4	4	
15.	Synthesis of O-Iodobenzoic acid from Anthranilic acid.	4	4	
16.	Experiments involving laboratory techniques- Recrystallisation.	4	4	
17.	Determination of Acid value of an oil sample.	4	4	
18.	Determination of Saponification value of an oil sample.	4	4	
19.	Determination of Iodine value of an oil sample.	4	4	

*Kathikyan*

Faculty In charge

*[Signature]*

Dean Academics

*Kathikyan*

HOD

*P. Padus*

Principal





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### Lesson Plan

Academic year: 2018-19

Subject Code: BP301T

Subject name: Pharmaceutical Organic Chemistry-II

Course: III-Sem B Pharm [RS5]

Total hours: 45 Hrs

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	10 Hrs	30-07-18	1:30 PM-2:20 PM	UNIT-I, Benzene, and its derivatives	A. Introduction, nomenclature, method of preparation of benzene. B. Reactions of benzene – General EAS reaction.	
		02-08-18	9:00 AM-9:50 AM	UNIT-I, Benzene, and its derivatives	B. Reactions of benzene - nitration, sulphonation, halogenation-reactivity.	
		02-08-18	11:50 AM-12:40 PM	UNIT-I, Benzene, and its derivatives	B. Reactions of benzene - Friedel crafts alkylation- reactivity, limitations, Friedel crafts acylation.	
		04-08-18	9:00 AM-9:50 AM	UNIT-I, Benzene, and its derivatives	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-o.p-directing groups	
		06-08-18	1:30 PM-2:20 PM	UNIT-I, Benzene, and its derivatives	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-m-directing groups	
		09-08-18	9:00 AM-9:50 AM	UNIT-I, Benzene, and its derivatives	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-Ring activators.	
		09-08-18	11:50 AM-12:40 PM	UNIT-I, Benzene, and its derivatives	C. Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction-Ring deactivators.	
		10-08-18	9:00 AM-9:50 AM	UNIT-I, Benzene, and its derivatives	D. Analytical, synthetic and other evidences in the derivation of structure of benzene,	
		11-08-18	9:00 AM-9:50 AM	UNIT-I, Benzene, and its derivatives	Orbital picture, resonance in benzene, aromatic characters, Huckel's rule	
		13-08-18	1:30 PM-2:20 PM	UNIT-I, Benzene, and its derivatives	D. Structure and uses of DDT, Saccharin, BHC and Chloramine	
2	10 Hrs	18-08-18	9:00 AM-9:50 AM	UNIT-II Phenols	Phenols* - Introduction, Nomenclature, Preparation and Chemical properties.	
		20-08-18	1:30 PM-2:20 PM	UNIT-II Phenols	Phenols* - Chemical properties, qualitative tests, Structure and uses of phenol, cresols, resorcinol, naphthols.	
		23-08-18	9:00 AM-	UNIT-II Phenols	Phenols* - Acidity of phenols, effect of	

*As per plan*  
*[Signature]*  
 20/8/2018





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			9:50 AM		substituents on acidity.	
		23-08-18	11:50 AM-12:40 PM	UNIT-II Aromatic amines	Aromatic Amines*- Introduction, Nomenclature, Preparation, Chemical properties,	
		25-08-18	9:00 AM-9:50 AM	UNIT-II Aromatic amines	Aromatic Amines*- Chemical properties of Amines.	
		01-09-18	9:00 AM-9:50 AM	UNIT-II Aromatic amines	Aromatic Amines*- Basicity of amines, effect of substituents on basicity	
		03-09-18	1:30 PM-2:20 PM	UNIT-II Aromatic amines	Aromatic Amines*- Preparation, Chemical properties, and synthetic uses of aryl diazonium salts.	
		06-09-18	9:00 AM-9:50 AM	UNIT-II Aromatic amines	Aromatic Amines*- Chemical properties, and synthetic uses of aryl diazonium salts.	
		08-09-18	9:00 AM-9:50 AM	UNIT-II Aromatic acids	Aromatic Acids*- Introduction, Nomenclature, Preparation of benzoic acid.	
		15-09-18	9:00 AM-9:50 AM	UNIT-II Aromatic acids	Aromatic Acids*- Chemical properties, Acidity, effect of substituents on acidity and important reactions of benzoic acid.	
3	10 Hrs	20-09-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	a. Introduction about fats and oils, Fatty acids-reactions.	
		22-09-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	b. Hydrolysis, Hydrogenation,	
		24-09-18	1:30 PM-2:20 PM	UNIT-III Fats and oils	b. Saponification and Rancidity of oils, Drying oils.	
		27-09-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	b. Drying oils.	
		18-10-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	c. Analytical Constants-Acid value-significance and principle involved in their determination.	
		20-10-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	c. Analytical Constants- Saponification value-significance and principle involved in their determination.	
		22-10-18	1:30 PM-2:20 PM	UNIT-III Fats and oils	c. Analytical Constants-Ester value - significance and principle involved in their determination.	
		25-10-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	c. Analytical Constants-Iodine value-significance and principle involved in their determination.	
		27-10-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	c. Analytical Constants-Acetyl value, - significance and principle involved in their determination.	
		03-11-18	9:00 AM-9:50 AM	UNIT-III Fats and oils	c. Analytical Constants- Reichert Meissl (RM) value-significance and principle involved in their determination.	
4	8 Hrs	05-11-18	9:00 AM-9:50 AM	UNIT-IV Polynuclear Hydrocarbons	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Naphthalene and their derivatives.	
		10-11-18	9:00 AM-	UNIT-IV 15-	a. Introduction, Structure, Synthesis,	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			9:50 AM	Polynuclear Hydrocarbons	reactions. and medicinal uses of Naphthalene and their derivatives.	
		15-11-18	9:00 AM-9:50 AM	UNIT-IV Polynuclear Hydrocarbons	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Naphthalene and their derivatives.	
		17-11-18	9:00 AM-9:50 AM	UNIT-IV Polynuclear Hydrocarbons	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Anthracene their derivatives.	
		19-11-18	1:30 PM-2:20 PM	UNIT-IV Polynuclear Hydrocarbons	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Anthracene their derivatives.	
		22-11-18	9:00 AM-9:50 AM	UNIT-IV Polynuclear Hydrocarbons	a. Introduction, Structure, Synthesis, reactions. and medicinal uses of Phenanthrene and their derivatives.	
		24-11-18	9:00 AM-9:50 AM	UNIT-IV Polynuclear Hydrocarbons	b. Structure and medicinal uses of Diphenylmethane and their derivatives.	
		26-11-18	1:30 PM-2:20 PM	UNIT-IV Polynuclear Hydrocarbons	b. Structure and medicinal uses of Triphenylmethane and their derivatives.	AS per plan 26/11/18
5	7 Hrs	29-11-18	9:00 AM-9:50 AM	UNIT-V Cycloalkanes	Introduction about cycloalkanes, nomenclature, rules for nomenclature.	
		01-12-18	9:00 AM-9:50 AM	UNIT-V Cycloalkanes	Preparation of cycloalkanes.	
		03-12-18	1:30 PM-2:20 PM	UNIT-V Cycloalkanes	Chemical properties of cycloalkanes.	
		06-12-18	9:00 AM-9:50 AM	UNIT-V Cycloalkanes	Stabilities-Baeyer's strain theory, limitation of Baeyer's strain theory	
		08-12-18	9:00 AM-9:50 AM	UNIT-V Cycloalkanes	Stabilities-Coulson and Moffitt's modification	
		10-12-18	1:30 PM-2:20 PM	UNIT-V Cycloalkanes	Stabilities-Sachse Mohr's theory (Theory of strainless rings)	
		11-12-18	9:00 AM-9:50 AM	UNIT-V Cycloalkanes	reactions of cyclopropane and cyclobutane only.	

no change in planned schedule  
Karthikeyan

Faculty In charge

Dean Academics

Karthikeyan  
HOD

P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2018-19

Subject Code: BP305P

Subject name: Pharmaceutical Organic Chemistry-II

Course: III-Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-I

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	30-07-18	9:00 AM-12.40 PM	Synthesis of Benzanilide from Aniline.	
2	4	06-08-18	9:00 AM-12.40 PM	Synthesis of Acetanilide from Aniline.	
3	4	13-08-18	9:00 AM-12.40 PM	Synthesis of Salicylic acid from Aspirin.	
4	4	20-08-18	9:00 AM-12.40 PM	Synthesis of 1-Phenylazo-2-naphthol from Aniline.	
5	4	27-08-18	9:00 AM-12.40 PM	Synthesis of Benzil from Benzoin.	
6	4	03-09-18	9:00 AM-12.40 PM	Synthesis of Dibenzalacetone from Benzaldehyde.	
7	4	10-09-18	9:00 AM-12.40 PM	Synthesis of Phenyl benzoate from Phenol.	
8	4	17-09-18	9:00 AM-12.40 PM	Synthesis of p-Bromoacetanilide from Acetanilide.	
9	4	24-09-18	9:00 AM-12.40 PM	Synthesis of 2,4,6-Tribromoaniline from Aniline.	
10	4	15-10-18	9:00 AM-12.40 PM	Synthesis of Cinnamic acid from Benzaldehyde.	
11	4	22-10-18	9:00 AM-12.40 PM	Synthesis of Benzoic acid from Ethyl benzoate.	
12	4	29-10-18	9:00 AM-12.40 PM	Synthesis of Salicylic acid from Methyl salicylate.	
13	4	05-11-18	9:00 AM-12.40 PM	Synthesis of m-Dinitrobenzene from nitrobenzene.	
14	4	12-11-18	9:00 AM-12.40 PM	Synthesis of Benzoic acid from Benzyl chloride.	
15	4	19-11-18	9:00 AM-12.40 PM	Synthesis of O-Iodobenzoic acid from Anthranilic acid.	
16	4	26-11-18	9:00 AM-12.40 PM	Experiments involving laboratory techniques- Recrystallisation.	
17	4	03-12-18	9:00 AM-12.40 PM	Determination of Acid value of an oil sample.	As per plan 27/12/18
18	4	10-12-18	9:00 AM-12.40 PM	Determination of Saponification value of an oil sample.	
19	4	18-12-18	9:00 AM-12.40 PM	Determination of Iodine value of an oil sample.	

*Kartwikyan*  
Faculty In charge  
Dean Academics

*NO change in planned schedule*

*Kartwikyan*  
HOD  
P. Padma  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2018-19

Subject Code: BP305P

Subject name: Pharmaceutical Organic Chemistry-II

Course: III-Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-2

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	31-07-18	9:00-12.40	Synthesis of Benzanilide from Aniline.	
2	4	07-08-18	9:00-12.40	Synthesis of Acetanilide from Aniline.	
3	4	14-08-18	9:00-12.40	Synthesis of Salicylic acid from Aspirin.	
4	4	21-08-18	9:00-12.40	Synthesis of 1-Phenylazo-2-naphthol from Aniline.	
5	4	28-08-18	9:00-12.40	Synthesis of Benzil from Benzoin.	
6	4	04-09-18	9:00-12.40	Synthesis of Dibenzalacetone from Benzaldehyde.	
7	4	11-09-18	9:00-12.40	Synthesis of Phenyl benzoate from Phenol.	
8	4	18-09-18	9:00-12.40	Synthesis of p-Bromoacetanilide from Acetanilide.	
9	4	25-09-18	9:00-12.40	Synthesis of 2,4,6-Tribromoaniline from Aniline.	
10	4	09-10-18	9:00-12.40	Synthesis of Cinnamic acid from Benzaldehyde.	
11	4	16-10-18	9:00-12.40	Synthesis of Benzoic acid from Ethyl benzoate.	
12	4	23-10-18	9:00-12.40	Synthesis of Salicylic acid from Methyl salicylate.	
13	4	20-10-18	9:00-12.40	Synthesis of m-Dinitrobenzene from nitrobenzene.	
14	4	28-10-18	9:00-12.40	Synthesis of Benzoic acid from Benzyl chloride.	
15	4	06-11-18	9:00-12.40	Synthesis of O-Iodobenzoic acid from Anthranilic acid.	
16	4	13-11-18	9:00-12.40	Experiments involving laboratory techniques- Recrystallisation.	
17	4	20-11-18	9:00-12.40	Determination of Acid value of an oil sample.	
18	4	27-11-18	9:00-12.40	Determination of Saponification value of an oil sample.	
19	4	04-12-18	9:00-12.40	Determination of Iodine value of an oil sample.	

As per plan  
20/10/18

no change in planned schedule.

*Karthikeyan*

Faculty In charge

*[Signature]*  
Dean Academics

*Karthikeyan*

HOD

*P. Padma*  
Principal



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2018-19

Subject Code: BP305P

Subject name: Pharmaceutical Organic Chemistry-II

Course: III-Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-3

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	01-08-18	9:00-12.40	Synthesis of Benzanilide from Aniline.	
2	4	08-08-18	9:00-12.40	Synthesis of Acetanilide from Aniline.	
3	4	16-08-18	9:00-12.40	Synthesis of Salicylic acid from Aspirin.	
4	4	29-08-18	9:00-12.40	Synthesis of 1-Phenylazo-2-naphthol from Aniline.	
5	4	05-09-18	9:00-12.40	Synthesis of Benzil from Benzoin.	
6	4	12-09-18	9:00-12.40	Synthesis of Dibenzalacetone from Benzaldehyde.	
7	4	19-09-18	9:00-12.40	Synthesis of Phenyl benzoate from Phenol.	
8	4	26-09-18	9:00-12.40	Synthesis of p-Bromoacetanilide from Acetanilide.	
9	4	10-10-18	9:00-12.40	Synthesis of 2,4,6-Tribromoaniline from Aniline.	
10	4	17-10-18	9:00-12.40	Synthesis of Cinnamic acid from Benzaldehyde.	
11	4	24-10-18	9:00-12.40	Synthesis of Benzoic acid from Ethyl benzoate.	
12	4	02-11-18	9:00-12.40	Synthesis of Salicylic acid from Methyl salicylate.	
13	4	08-11-18	9:00-12.40	Synthesis of m-Dinitrobenzene from nitrobenzene.	
14	4	16-11-18	9:00-12.40	Synthesis of Benzoic acid from Benzyl chloride.	
15	4	24-11-18	9:00-12.40	Synthesis of O-Iodobenzoic acid from Anthranilic acid.	
16	4	30-11-18	9:00-12.40	Experiments involving laboratory techniques- Recrystallisation.	
17	4	05-12-18	9:00-12.40	Determination of Acid value of an oil sample.	
18	4	12-12-18	9:00-12.40	Determination of Saponification value of an oil sample.	
19	4	19-12-18	9:00-12.40	Determination of Iodine value of an oil sample.	

*no change in planned schedule*

*Karthikeyan*

Faculty In charge

*[Signature]*  
Dean Academics

*Karthikeyan*

HOD

*P. Padula*

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2018-19

Subject Code: BP305P

Subject name: Pharmaceutical Organic Chemistry-II

Course: III-Sem B Pharm [RS5]

Total hours: 4 Hrs/Week

Section: Practical Batch-4

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	4	03-08-18	9:00-12.40	Synthesis of Benzanilide from Aniline.	
2	4	10-08-18	9:00-12.40	Synthesis of Acetanilide from Aniline.	
3	4	24-08-18	9:00-12.40	Synthesis of Salicylic acid from Aspirin.	
4	4	31-08-18	9:00-12.40	Synthesis of 1-Phenylazo-2-naphthol from Aniline.	
5	4	07-09-18	9:00-12.40	Synthesis of Benzil from Benzoin.	
6	4	14-09-18	9:00-12.40	Synthesis of Dibenzalacetone from Benzaldehyde.	
7	4	21-09-18	9:00-12.40	Synthesis of Phenyl benzoate from Phenol.	
8	4	28-09-18	9:00-12.40	Synthesis of p-Bromoacetanilide from Acetanilide.	
9	4	12-10-18	9:00-12.40	Synthesis of 2,4,6-Tribromoaniline from Aniline.	
10	4	19-10-18	9:00-12.40	Synthesis of Cinnamic acid from Benzaldehyde.	
11	4	26-10-18	9:00-12.40	Synthesis of Benzoic acid from Ethyl benzoate.	
12	4	02-11-18	9:00-12.40	Synthesis of Salicylic acid from Methyl salicylate.	
13	4	09-11-18	9:00-12.40	Synthesis of m-Dinitrobenzene from nitrobenzene.	
14	4	16-11-18	9:00-12.40	Synthesis of Benzoic acid from Benzyl chloride.	
15	4	23-11-18	9:00-12.40	Synthesis of O-Iodobenzoic acid from Anthranilic acid.	
16	4	30-11-18	9:00-12.40	Experiments involving laboratory techniques- Recrystallisation.	As per plan 30/11/18
17	4	07-12-18	9:00-12.40	Determination of Acid value of an oil sample.	
18	4	14-12-18	9:00-12.40	Determination of Saponification value of an oil sample.	
19	4	21-12-18	9:00-12.40	Determination of Iodine value of an oil sample.	

No change in planned schedule

*Kasthikyan*

Faculty In charge

Dean Academics

*Kasthikyan*

HOD

*P. Padma*

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2018-19  
Subject Code: PHAD2A04Th  
Subject name: Pharmaceutical Organic Chemistry

Course: I Year Pharm D[RS2]  
Total hours: 75  
Section: Theory

Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

### Course Outcomes:

CO1-- To understand IUPAC/Common system of nomenclature of simple organic compounds belonging to different classes of organic compounds.

CO2-- To know some important physical properties of organic compounds.

CO3-- To understand free radical/ nucleophilic [alkyl/ acyl/ aryl] / electrophilic substitution, free radical/nucleophilic / electrophilic addition, elimination, oxidation and reduction reactions with mechanism, orientation of the reaction, order of reactivity, stability of compounds.

CO4-- To know some named organic reactions with mechanisms.

CO5-- To know methods of preparation, test for purity, principle involved in the assay, important medicinal uses of some important organic compounds.

S.No	Topic	Prescribed hrs	Break Up hrs	CO	Methodology
<b>SESSIONAL I (25Hrz)</b>					
<b>I</b>	<b>Structures and Physical properties:</b>	03			
1.	Polarity M.P, Inter molecular forces, B.P, Solubility, protic and aprotic Solvents.		01	2	1. Chalk-Board 2. PPT 3. Group Discussion
2.	Acids and bases, Lowry bronsted and Lewis theories		01	2	
3.	Isomerism		01	2	



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

<b>II</b>	<b>Nomenclature of organic compound</b>	08			1. Chalk-Board 2. PPT presentation 3. Group Discussion
4.	Alkanes, Alkenes		01	1	
5.	Dienes, Alkynes		01	1	
6.	Alcohols, Aldehydes,		01	1	
7.	Ketones, Amides		01	1	
8.	Amines, Phenols		01	1	
9.	Alkyl Halides, Carboxylic Acid,		01	1	
10.	Esters, Acid Chlorides And		01	1	
11.	Cycloalkanes,		01	1	
<b>III</b>	<b>Free radicals chain reactions of alkane</b>	03			
12.	Mechanism,		01	3	
13.	Relative reactivity		01	3	
14.	Stability		01	3	
<b>IV</b>	<b>Alicyclic compounds</b>	03			
15.	Preparations of cyclo alkanes		01	3	
16.	Bayer strain theory		01	3	
17.	Orbital picture of angle strain.		01	3	
<b>V</b>	<b>Nucleophilic aliphatic substitution mechanism:</b>	08			
18.	Nucleophiles and leaving groups		01	3	
19.	Kinetics of second and first order reaction, mechanism and kinetics of SN2 reactions.		01	3	
20.	Stereochemistry & sterichindrance		01	3	
21.	Role of solvents, phase transfer, catalysis,		01	3	
22.	Mechanism and kinetics of SN1 reactions		01	3	
23.	Stereochemistry, carbocation and stability		01	3	
24.	Rearrangement of carbocation, role of solvents in SN1 reaction,		01	3	
25.	Ion dipole bonds, SN2 versus SN1 solvolyses, nucleophilic assistance by the solvents.		01	3	





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

SESSIONAL II(25Hrz)					
<b>VI</b>	<b>Dehydrohalogenation of alkyl halides:</b>	07			
26.	1,2 elimination, kinetics, E2 and E1 mechanism,		01	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion
27.	Elimination via carbocation, orientation and reactivity,		01	3	
28.	Evidence for E2 mechanism, absence of rearrangement		01	3	
29.	Isotope effect, absence hydrogen exchange,		01	3	
30.	The element effect, E2 versus E1, elimination versus substitution,		01	3	
31.	Dehydration of alcohol, ease of dehydration,		01	3	
32.	Acid catalysis, reversibility, orientation.		01	3	
<b>VII</b>	<b>Electrophilic and free radicals addition:</b>	05			
33.	Reactions at carbon-carbon double bond, hydrogenation, heat of hydrogenation and stability of alkenes,		01	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion
34.	Markownikoff rule, addition of hydrogen halides, hydrogen bromides, cycloaddition reactions.		01	3	
35.	Peroxide effect, electrophilic addition, mechanism, rearrangement, Orientation of free addition,		01	3	
36.	Absence of hydrogen exchange, orientation and reactivity, addition of halogen, mechanism, additions of carbene to alkene		01	3	
37.	Halohydrin formation, mechanism of free radicals addition		01	3	
<b>VII</b>	<b>Carbon-carbon double bond as substituents:</b>	02			
38.	Free radical halogenations of alkenes, comparison of free radical substitution with free radical addition,		01	3	
39.	Free radical substitution in alkenes, orientation and reactivity, allylic rearrangements.		01	3	





**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

<b>IX</b>	<b>Theory of resonance:</b>	06			1. Chalk-Board 2. PPT presentation 3. Group Discussion
40.	Allyl radicals as a resonance hybrid, stability, orbital picture		01	3	
41.	Resonance stabilisation of allyl radicals, hyper conjugation, allylcation as a resonance hybrid,		01	3	
42.	Nucleophilic substitution in allylic substrate, SN1 reactivity, allylic rearrangement, resonance stabilization of allyl cation,		01	3	
43.	Nucleophilic substitution in allylic substrate, SN2 nucleophilic substitution in vinylic substrate, vinylic cation,		01	3	
44.	Stability of conjugated dienes, resonance in alkenes, hyperconjugation, ease of formation, Rate vs equilibrium,		01	3	
45.	Orientation of elimination, electrophilic addition to conjugated dienes, 1,4 addition 1,2-versus 1,4-addition, orientation and reactivity of freeradical addition to conjugated dienes.		01	3	
<b>X</b>	<b>Electrophilic aromatic substitution:</b>	08			
46.	Effect of substituent groups, determination of orientation,		01	3	
47.	Determination of relative reactivity, classification of substituent group,		01	3	
48.	Mechanism of nitration, sulphonation, halogenation,		01	3	
49.	Friedel craft alkylation, friedelcraft acylation, reactivity and orientation,		01	3	
50.	Activating and deactivating O,P,M directing groups, electron release via resonance,		01	3	
<b>SESSIONAL III (25hrs)</b>					
51.	Effect of halogen on electrophilic aromatic substitution in alkyl benzene,		01	3	
52.	Side chain halogenation of alkyl benzene		01	3	



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

53.	Resonance stabilization of benzyl radical.		01	3	1. Chalk-Board 2. PPT presentation 3. Group Discussion
XI	<b>Nucleophilic addition reaction:</b>	04			
54.	Mechanism, ionisation of carboxylic acids, acidity constants, acidity of acids,		01	3	
55.	Structure of carboxylate ions, effect of substituent on acidity		01	3	
56.	Nucleophilic acyl substitution reaction, conversion of acid to acid chloride, esters, amide and anhydride.		01	3	
57.	Role of carboxyl group, comparison of alkyl nucleophilic substitution with acyl nucleophilic substitution.		01	3	
XII	<b>Name reactions of aldehyde and ketone</b>	04			
58.	Mechanism of aldol condensation, crossed aldol condensation,		01	4	
59.	Claisen condensation, cannizzaro reaction, crossed cannizzaro reaction,		01	4	
60.	Benzoin condensation, Wittig reaction, perkin condensation		01	4	
61.	Knoevenagel, Reformatsky reaction, Michael addition.		01	4	
XIII	<b>Hoffman rearrangement:</b>	04			
62.	Migration to electron deficient nitrogen, Sandmeyer's reaction,		01	4	
63.	Basicity of amines, Diazotisation & coupling,		01	4	
64.	Acidity of phenols, Williamson synthesis, Fries rearrangement,		01	4	
65.	Kolbe reaction, Reimer tieman's reactions.		01	4	
XIV	<b>Nucleophilic aromatic substitution:</b>	02			
66.	Bimolecular displacement mechanisms, orientation,		01	3	
67.	Comparison of aliphatic nucleophilic substitution with that of aromatic .		01	3	
XV	<b>Oxidation reaction &amp; Reduction reaction.</b>	02			
68.	Oxidation reaction		01	3	
69.	Reduction reaction.		01	3	





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

XVI	Study of the following official compounds. Preparation, test for purity, assay and medicinal uses:-	06		
70.	Chlorbutol, Dimercaprol, Urea,		01	5
71.	Ethylene diamine dehydrate, Vanillin		01	5
72.	Paraldehyde, Ethylene chloride, Lactic acid, Tartaric acid,		01	5
73.	Citric acid, salicylic acid, aspirin, methyl salicylate,		01	5
74.	Glyceryl trinitrate, ethylbenzoate, benzyl benzoate, dimethyl phthalate,		01	5
75.	Sodium lauryl sulphate, saccharin sodium, mephensin.		01	5

**Plan for Tutorial hours:** Assigning assignments, conducting class tests & viva-voce. Evaluation marks will be recorded in Continuous Performance Assessment Card.

**Duration for Tutorial hours:** 1 hour per week according to the prescribed syllabus

**References:**

1. T.R. Morrison and R. Boyd - Organic chemistry,
2. Bentley and Driver-Text book of Pharmaceutical chemistry
3. I.L. Finer- Organic chemistry, the fundamentals of chemistry
4. Organic chemistry - J.M. Cram and D.J.Cram
5. Organic chemistry- Brown
6. Advanced organic chemistry- Jerry March, Wiley
7. Organic chemistry- Cram and Hammered, Pine Hendrickson

*Shishu*  
FACULTY IN CHARGE

*[Signature]*  
DEAN ACADEMICS

*Karthikeyan*  
HOD

*P. Padma*  
PRINCIPAL





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
 Accredited by NAAC and International Accreditation Organization (IAO)

Plan of Study

Academic year: 2018-19

Subject Code: PHAD2A04Pr

Subject name: Pharmaceutical Organic Chemistry

Course Objectives: The Objective of this course is to-

Course: 1 Year Pharm D[RS2]

Total hours: 3 Hrs/Practical

Section: Practical

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- Afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- Provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

Sr. NO	Topic	Prescribed hrs	BreakUp hrs	Methodology
<b>SESSIONAL I</b>				
1	Synthesis of Acetanilide	03	03	Chalk Board Demonstration
2	Synthesis of Benzanilide	03	03	
3	Synthesis of 2,4,6 – tribromo aniline	03	03	
4	Synthesis of Benzoic acid	03	03	
5	Qualitative analysis of compounds containing carbohydrates	03	03	
6	Qualitative analysis of compounds containingamide	03	03	
7	Qualitative analysis of compounds containing phenol	03	03	
<b>SESSIONAL II</b>				
8	Synthesis of salicylic acid	03	03	
9	Synthesis of M-dinitro benzene	03	03	



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

10	Synthesis of 1-Phenylazo-2-naphthol	03	03	Chalk Board Demonstration
11	Synthesis of Dibenzylidene acetone	03	03	
12	Qualitative analysis of compounds containing amines	03	03	
13	Qualitative analysis of compounds containing carboxylic acids	03	03	
14	Qualitative analysis of compounds containing aldehyde	03	03	
<b>SESSIONAL III</b>				
15	Qualitative analysis of compounds containing ketones	03	03	Chalk Board Demonstration
16	Qualitative analysis of compounds containing Alcohol	03	03	
17	Qualitative analysis of compounds containing Esters	03	03	
18	Preparation of picric acid	03	03	
19	Nitration of salicylic acid	03	03	
20	Introduction of use of stereomodels of alkanes and alkenes	03	03	
21	Introduction of use of Inversion of configuration	03	03	

*Sivishu.*  
FACULTY IN CHARGE

*[Signature]*  
DEAN ACADEMICS

*Karthikeyan*  
HOD

*P. Padma*  
PRINCIPAL





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2018-19

Subject Code: PHAD2A04Th

Subject name: Pharmaceutical Organic Chemistry

Course: I Year Pharm D[RS2]

Total hours: 75

Section: Theory

S.NO	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	3 Hrs	13-08-18	11:50 AM-12:40 PM	Structures and Physical properties	Polarity M.P, Inter molecular forces, B.P, Solubility, protic and aprotic Solvents.	
		18-08-18	9:00 AM-9:50 AM	Structures and Physical properties	Acids and bases, Lowry bronsted and Lewis theories	
		20-08-18	11:50 AM-12:40 PM	Structures and Physical properties	Isomerism	
2	8 Hrs	25-08-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Alkanes, Alkenes	
		25-08-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Dienes, Alkynes	
		29-08-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Alcohols, Aldehydes,	
		01-09-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Ketones, Amides	
		01-09-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Amines, Phenols	
		11-09-18	11:00 AM-11:50 AM	Nomenclature of Organic Compounds	Alkyl Halides, Carboxylic Acid,	
		12-09-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Esters, Acid Chlorides And	
		15-09-18	9:00 AM-9:50 AM	Nomenclature of Organic Compounds	Cycloalkanes.	
3	3 Hrs	17-09-18	11:50 AM-12:40 PM	Free radicals chain reactions of alkane	Mechanism,	
		19-09-18	9:00 AM-9:50 AM	Free radicals chain reactions of alkane	Relative reactivity	
		22-09-18	9:00 AM-9:50 AM	Free radicals chain reactions of alkane	Stability	
4	3 Hrs	26-09-18	9:00 AM-9:50 AM	Alicyclic compounds	Preparations of cyclo alkanes	<i>Appx the plan done are completed</i>
		29-09-18	9:00 AM-9:50 AM	Alicyclic compounds	Bayer strain theory	
		01-10-18	11:50-12:40	Alicyclic compounds	Orbital picture of angle strain.	
5	8 Hrs	03-10-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Nucleophiles and leaving groups	
		06-10-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Kinetics of second and first order reaction, mechanism and kinetics of SN2 reactions.	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		17-10-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Stereochemistry & sterichindrance	
		24-10-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Role of solvents, phase transfer, catalysis,	
		29-10-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Mechanism and kinetics of SN1 reactions	
		31-10-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Stereochemistry, carbocation and stability	
		14-11-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Rearrangement of carbocation, role of solvents in SN1 reaction,	
		24-11-18	9:00 AM-9:50 AM	Nucleophilic aliphatic substitution mechanism	Ion dipole bonds, SN2 versus SN1 solvolyses, nucleophilic assistance by the solvents.	
6	7 Hrs	28-11-18	9:00 AM-9:50 AM	Dehydrohalogenation of alkyl halides	1,2 elimination, kinetics, E2 and E1 mechanism,	
		01-12-18	9:00 AM-9:50 AM	Dehydrohalogenation of alkyl halides	Elimination via carbocation, orientation and reactivity,	
		03-12-18	11:50 AM-12:40 PM	Dehydrohalogenation of alkyl halides	Evidence for E2 mechanism, absence of rearrangement	
		05-12-18	9:50 AM -10:40 AM	Dehydrohalogenation of alkyl halides	Isotope effect, absence hydrogen exchange,	
		08-12-18	9:00 AM-9:50 AM	Dehydrohalogenation of alkyl halides	The element effect, E2 versus E1, elimination versus substitution,	
		10-12-18	11:50 AM-12:40 PM	Dehydrohalogenation of alkyl halides	Dehydration of alcohol, ease of dehydration,	
		12-12-18	9:50 AM-10:40 AM	Dehydrohalogenation of alkyl halides	Acid catalysis, reversibility, orientation.	
7	5 Hrs	14-12-18	11:50 AM-12:40 PM	Electrophilic and free radicals addition	Reactions at carbon -carbon, double bond, hydrogenation, heat of hydrogenation and stability of alkenes,	<i>As per plan of Study class are conducted</i> <i>2019</i>
		15-12-18	9:00 AM-9:50 AM	Electrophilic and free radicals addition	Markownikoff rule, addition of hydrogen halides, hydrogen bromides, cycloaddition reactions.	
		17-12-19	11:50-12:40	Electrophilic and free radicals addition	Peroxide effect, electrophilic addition, mechanism, rearrangement, Orientation of free addition,	
		19-12-18	9:50 AM-10:40 AM	Electrophilic and free radicals addition	Absence of hydrogen exchange, orientation and reactivity, addition of halogen, mechanism, additions of	



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

					carbene to alkene	
		24-12-18	11:50 AM-12:40 PM	Electrophilic and free radicals addition	Halohydrin formation, mechanism of free radicals addition	
8	2 Hrs	31-12-18	11:50 AM-12:40 PM	Carbon-carbon double bond as substituents	Free radical halogenations of alkenes, comparison of free radical substitution with freeradical addition,	
		02-01-19	9:50 AM-10:40 AM	Carbon-carbon double bond as substituents	Free radical substitution in alkenes, orientation and reactivity, allylic rearrangements.	
9	6 Hrs	05-01-19	9:00 AM-9:50 AM	Theory of Resonance	Allyl radicals as a resonance hybrid, stability, orbital picture	
		07-01-19	11:50 AM-12:40 PM	Theory of Resonance	Resonance stabilisation of allyl radicals, hyper conjugation, allylation as a resonance hybrid,	
		09-01-19	9:50 AM-10:40 AM	Theory of Resonance	Nucleophilic substitution in allylic substrate, SN1 reactivity, allylic rearrangement, resonance stabilization of allyl cation,	
		14-01-19	11:50 AM-12:40 PM	Theory of Resonance	Nucleophilic substitution in allylic substrate, SN2 nucleophilic substitution in vinylic substrate, vinylic cation,	
		16-01-19	9:50 AM-10:40 AM	Theory of Resonance	Stability of conjugated dienes, resonance in alkenes, hyperconjugation, ease of formation, Rate vs equilibrium,	
		18-01-19	2:20 PM-3:10 PM	Theory of Resonance	Orientation of elimination, electrophilic addition to conjugated dienes, 1,4 addition 1,2-versus 1,4-addition, orientation and reactivity of freeradical addition to conjugated dienes.	<i>As per plan</i>
10	8 Hrs	06-02-19	11:00 AM-11:50 AM	Electrophilic aromatic substitution	Effect of substituent groups, determination of orientation,	
		08-02-19	3:10 PM-4:00 PM	Electrophilic aromatic substitution	Determination of relative reactivity, classification of substituent group,	
		09-02-19	9:00 AM-9:50 AM	Electrophilic aromatic substitution	Mechanism of nitration, sulphonation, halogenation,	<i>As per plan</i> <i>19/12/2019</i>





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		13-02-19	9:50 AM-10:40 AM	Electrophilic aromatic substitution	Friedel craft alkylation, friedel craft acylation, reactivity and orientation,	
		15-02-19	3:10 PM - 4:00PM	Electrophilic aromatic substitution	Activating and deactivating O,P,M directing groups, electron release via resonance,	
		16-02-19	9:00 AM-9:50 AM	Electrophilic aromatic substitution	Effect of halogen on electrophilic aromatic substitution in alkyl benzene,	
		01-03-19	11:50 AM-12:40 PM	Electrophilic aromatic substitution	Side chain halogenation of alkyl benzene	
		01-03-19	3:10 PM-4:00 PM	Electrophilic aromatic substitution	Resonance stabilization benzyl radical	
11	4 Hrs	02-03-19	9:00 AM-9:50 AM	Nucleophilic addition reaction	Mechanism, ionisation of carboxylic acids, acidity constants, acidity of acids,	
		02-03-19	9:50 AM-10:40 AM	Nucleophilic addition reaction	Structure of carboxylate ions, effect of substituent on acidity	
		06-03-19	9:50 AM-10:40 AM	Nucleophilic addition reaction	Nucleophilic acyl substitution reaction, conversion of acid to acid chloride, esters, amide and anhydride.	
		08-03-19	3:10 PM-4:00 PM	Nucleophilic addition reaction	Role of carboxyl group, comparison of alkyl nucleophilic substitution with acyl nucleophilic substitution.	
12	4 Hrs	09-03-19	9:00 AM-9:50 AM	Name reactions of aldehyde and ketone	Mechanism of aldol condensation, crossed aldol condensation,	As per Manoj Study
		13-03-19	9:50 AM-10:40 AM	Name reactions of aldehyde and ketone	Claisen condensation, cannizzaro reaction, crossed cannizzaro reaction,	
		15-03-19	3:10 PM-4:00PM	Name reactions of aldehyde and ketone	Benzoin condensation, Wittig reaction, perkin condensation	
		16-03-19	9:00 AM-9:50 AM	Name reactions of aldehyde and ketone	Knoevenagel, Reformatsky reaction, Michael addition.	
13	4 Hrs	20-03-19	9:50 AM-10:40 AM	Hoffman rearrangement	Migration to electron deficient nitrogen, Sandmeyer's reaction,	
		22-03-19	3:10 PM -4:00 PM	Hoffman rearrangement	Basicity of amines, Diazotisation & coupling,	
		23-03-19	9:00 AM-9:50 AM	Hoffman rearrangement	Acidity of phenols, Williamson synthesis, Fries rearrangement,	
		29-03-19	3:10 PM-4:00 PM	Hoffman rearrangement	Kolbe reaction, Reimer tieman's reactions.	
14	2 Hrs	30-03-19	9:50 AM-10:40	Nucleophilic aromatic	Bimolecular displacement	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			AM	substitution	mechanisms, orientation,	
		03-04-19	9:50 AM-10:40 AM	Nucleophilic aromatic substitution	Comparison of aliphatic nucleophilic substitution with that of aromatic.	
15	2 Hrs	05-04-19	3:10 PM-4:00 PM	Oxidation reaction & Reduction reaction	Oxidation reaction	
		09-04-19	2:20 PM-3:10 PM	Oxidation reaction & Reduction reaction	Reduction reaction	
16	6 Hrs	10-04-19	9:50 AM-10:40	Study of the following official compounds	Chlorbutol, Dimercaprol, Urea,	
		10-04-19	11:00 AM-11:50 AM	Study of the following official compounds	Ethylene diamine dehydrate, Vanillin	
		11-04-19	2:20 PM-3:10 PM	Study of the following official compounds	Paraldehyde, Ethylene chloride, Lactic acid, Tartaric acid,	As per plan check 17/4/19
		12-04-19	3:10 PM-4:00 PM	Study of the following official compounds	Citric acid, salicylic acid, aspirin, methyl salicylate,	
		15-04-19	11:50 AM-12:40 PM	Study of the following official compounds	Glyceryl trinitrate, ethyl benzoate, benzyl benzoate, dimethyl phthalate,	As per plan 9/4/19 Kew
		16-04-19	2:20 PM-3:10 PM	Study of the following official compounds	Sodiumlauryl sulphate, saccharin sodium, mephensin.	

no change in planned schedule

*Sivisha*

Faculty In charge

*[Signature]*

Dean Academics

*Kantakavyan*

HOD

*P. Padua*

Principal



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

Lesson Plan

Academic year: 2018-19

Subject Code: PHAD2A04Pr

Subject name: Pharmaceutical Organic Chemistry

Course: I Year Pharm D[RS2]

Total hours: 3 Hrs/Practical

Section: Practical Batch-1

S. NO	Prescribed Hrs	Date	Time	Experiment covered	Remarks
1	3	13-08-18	9:00-11:50	Synthesis of Acetanilide	
2	3	20-08-18	9:00-11:50	Synthesis of Benzanilide	
3	3	24-08-18	9:00-11:50	Synthesis of 2,4,6 - tribromo aniline	
4	3	03-09-18	9:00-11:50	Synthesis of Benzoic acid	
5	3	17-09-18	9:00-11:50	Qualitative analysis of compounds containing carbohydrates	
6	3	24-09-18	9:00-11:50	Qualitative analysis of compounds containingamide	
7	3	01-10-18	9:00-11:50	Qualitative analysis of compounds containing phenol	
8	3	29-10-18	9:00-11:50	Synthesis of salicylic acid	
9	3	19-11-18	9:00-11:50	Synthesis of M-dinitro benzene	
10	3	03-12-18	9:00-11:50	Synthesis of 1-Phenylazo-2-naphthol	
11	3	10-12-18	9:00-11:50	Synthesis of Dibenzylidene acetone	
12	3	17-12-18	9:00-11:50	Qualitative analysis of compounds containing amines	
13	3	24-12-18	9:00-11:50	Qualitative analysis of compounds containing carboxylic acids	
14	3	07-01-19	9:00-11:50	Qualitative analysis of compounds containing aldehyde	
15	3	14-01-19	9:00-11:50	Qualitative analysis of compounds containing ketones	
16	3	04-02-19	9:00-11:50	Qualitative analysis of compounds containing Alcohol	
17	3	18-02-19	9:00-11:50	Qualitative analysis of compounds containing Esters	
18	3	11-03-19	9:00-11:50	Preparation of picric acid	
19	3	18-03-19	9:00-11:50	Nitration of salicylic acid	
20	3	25-03-19	9:00-11:50	Introduction of use of stereomodels of alkanes and alkenes	
21	3	01-04-19	9:00-11:50	Introduction of use of Inversion of configuration	

*No change in planned schedule*

*Srishe*  
Faculty In charge

*Shy*  
Dean Academics

*Karkitayan*  
HOD

*P. Padma*  
Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi.

Accredited by NAAC and International Accreditation Organization (IAO)

## Plan of Study

Academic year: 2018-19

Subject Code: MPH203T

Subject name: Computer Aided Drug Development

Course: II Sem M.Pharm

Total hours: 60

Section: Theory

Course Objectives: The Objective of this course is to

- Educate students to have sound knowledge in Pharmaceutical formulation & development and to attain skills required in pharmacy profession.
- Afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Research and formulation development and also to pursue PhD.
- Provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutics, Cosmetics, Pharmaceutical Analysis, Drug regulatory affairs, drug design etc.

### Course Outcomes:

CO1--- History of computers in Pharmaceutical Research & Development

CO2--- Computational modelling of drug disposition

CO3--- Computers in preclinical development

CO4--- Optimization Techniques in Pharmaceutical Formulation

CO5--- Artificial Intelligence & robotics

S. No	Topic	Presc. Hrs	Break up hrs	CO	Methodology
<b>I Sessional</b>					
1	<b>Computers in Pharmaceutical Research and Development</b>	12			1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	A General Overview: History of Computers in Pharmaceutical Research and Development		1	1	
	Statistical modeling in pharmaceutical research and development: Descriptive Modelling versus Mechanistic Modeling		1	1	
	Statistical Parameter, Estimation, Confidence Regions,		1	1	
	Nonlinearity at the Optimum, Sensitivity Analysis		1	1	
	Optimal Design, Population Modeling		1	1	
	Quality-by-Design In Pharmaceutical Development		1	1	
	Introduction,				
	ICH Q8 guideline,		1	1	
	Regulatory and industry views on QbD,		1	1	
	Scientifically based QbD -		1	1	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi.

Accredited by NAAC and International Accreditation Organization (IAO)

	examples of application		1	1	
2	<b>Computational Modeling of Drug Disposition</b>	12			1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	Introduction		1	2	
	Modeling Techniques		1	2	
	Drug Absorption, Solubility, Intestinal Permeation		1	2	
	Drug Distribution		1	2	
	Drug Distribution		1	2	
	Drug Excretion		1	2	
	Drug Excretion		1	2	
	Active Transport; P-gp, BCRP, Nucleoside Transporters		1	2	
	hPEPT1, ASBT		1	2	
	OCT, OATP, BBB-Choline Transporter		1	2	
3	<b>Computer-aided formulation development:</b>		12		
	Concept of optimization,	1		4	
	Optimization parameters	1		4	
	Factorial design,	1		4	
	Optimization technology	1		4	
	Screening design.	1		4	
	Computers in Pharmaceutical Formulation: Development of	1		3	
<b>II Sessional</b>					
	Pharmaceutical emulsions, microemulsion,		1	3	4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	drug carriers		1	3	
	Legal Protection of Innovative Uses of Computers in R&D		1	3	
	Innovative Uses of Computers in R&D		1	3	
	The Ethics of Computing in Pharmaceutical Research		1	3	
	Computers in Market analysis		1	3	
4	<b>Computer-aided biopharmaceutical characterization</b>	12			



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi.

Accredited by NAAC and International Accreditation Organization (IAO)

	Gastrointestinal absorption simulation		1	3	1. Journal Club 2. Chalk-Board 3. PPT presentation 4. Group Discussion 5. e- content 6. ICT 7. LMS 8. MOOCs/ Swayam
	Introduction, Theoretical background, Model construction, Parameter sensitivity analysis,		1	3	
	Virtual trial, Fed vs. fasted state,		1	3	
	In vitro dissolution and <i>in vitro-in vivo</i> correlation, Biowaiver considerations		1	3	
	Computer Simulations in Pharmacokinetics and Pharmacodynamics		1	3	
	Introduction Computer Simulation: Whole Organism,		1	3	
	Isolated Tissues, Organs		1	3	
	Cell, Proteins and Genes.		1	3	
	Computers in Clinical Development		1	3	
	Clinical Data Collection and Management,		1	3	
	Regulation of Computer Systems		1	3	
5	<b>Artificial Intelligence (AI), Robotics and Computational fluid dynamics:</b>	12			
	General overview,		1	5	
	Overview		1	5	
	Pharmaceutical Automation		1	5	
	Pharmaceutical Automation		1	5	
	Pharmaceutical Automation		1	5	
	Pharmaceutical applications,		1	5	
	Pharmaceutical applications,		1	5	
	Pharmaceutical applications,		1	5	
	Advantages		1	5	
	Disadvantages		1	5	
	Current Challenges and Future Directions		1	5	
	Current Challenges and Future Directions	1	5		

Faculty In charge

Dean Academic

HOD

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Lesson Plan

Academic year: 2018-2019

Subject Code: MPH203T

Subject Name: Computer Aided Drug Delivery System

Course: II Sem M pharm [RS5]

Total hours: 60 Hrs

Section: Theory

S.No	Prescribed Hrs	Date	Time	Name of the Chapter	Portions Covered	Remarks
1	12 Hrs	4-2-2019	9:00 A.M- 9:50 A.M	Computers in Pharmaceutical Research and Development	A General Overview: History of Computers in Pharmaceutical Research and Development	
		4-2-2019	11:50 A.M- 12:40 P.M	Computers in Pharmaceutical Research and Development	Statistical modeling in Pharmaceutical research and development: Descriptive versus Mechanistic Modeling	
		5-2-2019	11:00 A.M- 11:50 A.M	Computers in Pharmaceutical Research and Development	Statistical modeling in Pharmaceutical research and development: Descriptive versus Mechanistic Modeling	
		6-2-2019	11:00 A.M- 11:50 A.M	Computers in Pharmaceutical Research and Development	Statistical Parameter, Estimation, Confidence Regions	
		11-2-2019	11:50 A.M -12:40 P.M	Computers in Pharmaceutical Research and Development	Statistical Parameter, Estimation, Confidence Regions	
		12-2-2019	11:00 A.M -11:50 A.M	Computers in Pharmaceutical Research and Development	Nonlinearity at the Optimum, Sensitivity Analysis	
		13-2-2019	11:00 A.M -11:50 A.M	Computers in Pharmaceutical Research and Development	Optimal Design, Population Modeling	
		14-2-2019	2:20 P.M - 3:10 P.M	Quality-by-Design In Pharmaceutical Development	Introduction, ICH Q8 guideline,	
		18-2-2019	9:00 A.M - 9:50 A.M	Quality-by-Design In Pharmaceutical	Regulatory and industry views on QbD,	





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				Development		
		28-2-2019	2:20 P.M - 3:10 P.M	Quality-by-Design In Pharmaceutical Development	Regulatory and industry views on QbD,	
		5-3-2019	11:00 A.M -11:50 A.M	Quality-by-Design In Pharmaceutical Development	Scientifically based QbD - examples of application	
		6-3-2019	11:00 A.M -11:50 A.M	Quality-by-Design In Pharmaceutical Development	Scientifically based QbD - examples of application	
2	12 Hrs	6-3-2019	4:00 P.M - 4:50 P.M	Computational Modeling Of Drug Disposition	Introduction	
		7-3-2019	2:20 P.M - 3:10 P.M	Computational Modeling Of Drug Disposition	Modeling Techniques	
		18-3-2019	9:00 A.M - 9:50 A.M	Computational Modeling Of Drug Disposition	Drug Absorption, Solubility, Intestinal Permeation	
		18-3-2019	11:50 A.M -12:40 P.M	Computational Modeling Of Drug Disposition	Drug Absorption, Solubility, Intestinal Permeation	
		19-3-2019	9:50 A.M - 10:40 A.M	Computational Modeling Of Drug Disposition	Drug Distribution	
		19-3-2019	11:00 A.M -11:50 A.M	Computational Modeling Of Drug Disposition	Drug Distribution	
		20-3-2019	11:00 A.M -11:50 A.M	Computational Modeling Of Drug Disposition	Drug Excretion	
		21-3-2019	4:00 PM- 4:50 PM	Computational Modeling Of Drug Disposition	Drug Excretion	
		26-3-2019	9:50 A.M - 10:40 A.M	Computational Modeling Of Drug Disposition	Active Transport; P-gp	
		26-3-2019	11:00 A.M -11:50 A.M	Computational Modeling Of Drug Disposition	BCRP, Nucleoside Transporters	
		27-3-2019	11:00 A.M	Computational	hPEPT1, ASBT	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			-11:50 A.M	Modeling Of Drug Disposition		
		1-4-2019	9:00 A.M - 9:50 A.M	Computational Modeling Of Drug Disposition	OCT, OATP, BBB-Choline Transporter	
3	12 Hrs	1-4-2019	11:50 A.M -12:40 P.M	Computer-aided formulation development	Concept of optimization, Optimization parameters	
		2-4-2019	11:00 A.M -11:50 A.M	Computer-aided formulation development	Concept of optimization, Optimization parameters	
		3-4-2019	11:00 A.M -11:50 A.M	Computer-aided formulation development	Factorial design, Optimization technology & Screening design.	
		4-4-2019	4:00 PM- 4:50 PM	Computer-aided formulation development	Factorial design, Optimization technology & Screening design.	As per plan 4/24/19
		9-4-2019	9:50 A.M - 10:40 A.M	Computer-aided formulation development	Factorial design, Optimization technology & Screening design.	
		9-4-2019	11:00 A.M -11:50 A.M	Computer-aided formulation development	Computers in Pharmaceutical Formulation: Development of pharmaceutical emulsions	As per plan 4/24/19
		10-4-2019	9:00 A.M - 9:50 A.M	Computer-aided formulation development	microemulsion	
		11-4-2019	1:30 P.M - 2:10 P.M	Computer-aided formulation development	drug carriers	
		15-4-2019	9:00 A.M - 9:50 A.M	Computer-aided formulation development	Legal Protection of Innovative Uses of Computers in R&D	
		15-4-2019	11:00 A.M -11:50 A.M	Computer-aided formulation development	Legal Protection of Innovative Uses of Computers in R&D	
		16-4-2019	9:50 A.M - 10:40 A.M	Computer-aided formulation	The Ethics of Computing in	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

				development	Pharmaceutical Research	
		22-4-2019	9:00 A.M - 9:50 A.M	Computer-aided formulation development	Computers in Market analysis	
4	12 Hrs	22-4-2019	11:00 A.M -11:50 A.M	Computer-aided biopharmaceutical characterization	Gastrointestinal absorption simulation	
		22-4-2019	4:00 PM- 4:50 PM	Computer-aided biopharmaceutical characterization	Introduction, Theoretical background, Model construction,	
		29-4-2019	9:00 A.M - 9:50 A.M	Computer-aided biopharmaceutical characterization	Parameter sensitivity Analysis	
		29-4-2019	11:00 A.M -11:50 A.M	Computer-aided biopharmaceutical characterization	Virtual trial, Fed vs. fasted state,	
		29-4-2019	4:00 PM- 4:50 PM	Computer-aided biopharmaceutical characterization	In vitro dissolution and <i>in vitro-in vivo</i> correlation,	
		30-4-2019	9:50 A.M - 10:40 A.M	Computer-aided biopharmaceutical characterization	Biowaiver considerations	
		30-4-2019	4:00 PM- 4:50 PM	Computer Simulations in Pharmacokinetics and Pharmacodynamics	Introduction	
		2-5-2019	1:30 P.M - 2:20 P.M	Computer Simulations in Pharmacokinetics and Pharmacodynamics	Computer Simulation: Whole Organism	
		2-5-2019	4:00 PM- 4:50 PM	Computer Simulations in Pharmacokinetics and Pharmacodynamics	Isolated Tissues, Organs	
		6-5-2019	9:00 A.M - 9:50 A.M	Computer Simulations in Pharmacokinetics and Pharmacodynamics	Cell, Proteins and Genes.	
		6-5-2019	11:00 A.M	Computers in	Clinical Data Collection	





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

			-11:50 A.M	Clinical Development	and Management, Regulation of Computer Systems	
		7-5-2019	9:50 A.M - 10:40 A.M	Computers in Clinical Development	Clinical Data Collection and Management, Regulation of Computer Systems	
5	12 Hrs	7-5-2019	4:00 PM- 4:50 PM	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	General overview,	
		9-5-2019	1:30 P.M - 2:20 P.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	General overview,	
		9-5-2019	4:00 PM- 4:50 PM	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	General overview,	AS per Plan LL 9/5/19
		13-5-2019	9:00 A.M - 9:50 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Pharmaceutical Automation	
		13-5-2019	11:00 A.M - 11:50 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Pharmaceutical Automation	as per plan shy 13/5/2019
		14-5-2019	9:50 A.M - 10:40 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Pharmaceutical Automation	
		14-5-2019	4:00 P.M - 4:50 P.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Advantages and Disadvantages	



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

		16-5-2019	1:30 A.M - 2:20 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Advantages and Disadvantages	
		16-5-2019	4:00 P.M - 4:50 P.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Advantages and Disadvantages	
		20-5-2019	9:00 A.M - 9:50 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Current Challenges and Future Directions	
		20-5-2019	11:00 A.M -11:50 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Current Challenges and Future Directions	
		21-5-2019	9:50 A.M - 10:40 A.M	Artificial Intelligence (AI), Robotics and Computational fluid dynamics	Current Challenges and Future Directions	

*No change in planned schedule.*

Faculty In charge

HOD

Dean Academics

Principal





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2022-2023

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1	3rd WEEK OF SEP 2022 (21 SEP 2022) TENTATIVELY	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm & I sem M. Pharm and I Year PharmD, I PharmD (PB)
2	2 <sup>ND</sup> WEEK OF OCT 2022	Seminar by Department of Pharmaceutics
3	4 <sup>TH</sup> WEEK OF OCT 2022	Seminar by Department of Pharmaceutics
4	1 <sup>ST</sup> WEEK OF NOV 2022	Seminar by Department of Pharmacology
5	1 <sup>ST</sup> WEEK OF NOV 2022	FDP by Department of Pharmacy Practice
6	2 <sup>ND</sup> WEEK OF DEC 2022	Seminar by Department of Pharmacy Practice
7	3RD WEEK DEC 2022 (11 DEC 2023) TENTATIVELY	Commencement of Classes For III, V and VII sem of B. Pharm, I and III Sem M. Pharm, II-V Year PharmD, II-ye a r PharmD (PB) & Commencement of Hospital Internship for VI PharmD and III PB students
8	4TH WEEK OF DEC 2022	Seminar/workshop/Guest lecture (Department of Pharmaceutical Chemistry) & IQAC
9	1 <sup>ST</sup> WEEK OF JAN 2023	Seminar by Department of Pharmaceutics
10	1 <sup>ST</sup> WEEK OF JAN 2023	FDP by Department of Pharmaceutical Chemoistry
11	1 <sup>ST</sup> WEEK OF JAN 2023	Guest lecture by Department of Pharmacology
12	4TH WEEK OF JAN 2023	Seminar/workshop/Guest lecture (Department of Pharmacy Practice) & IQAC
13	2nd WEEK OF FEB 2023	<b>I-Sessional Examination- I, III, V and VII sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
14	2nd WEEK OF FEB 2023	Guest lecture by Department of Pharmacognosy
15	2nd WEEK OF FEB 2023	Seminar by Department of Pharmacology
16	2nd WEEK OF FEB 2023	Seminar by Department of Pharmacy practice
17	2nd WEEK OF FEB 2023	Guest Lecture by Department of Pharmacology
18	2nd WEEK OF FEB 2023	Guest Lecture by Department of Pharmacognosy
19	4TH WEEK OF FEB 2023	seminar/workshop/Guest lecture (Department of Pharmaceutics) & IQAC
20	4TH WEEK OF FEB 2023	Guest lecture by Department of Pharmaceutics
21	1 <sup>ST</sup> WEEK OF MARCH 2023	Workshop by Department of Pharmacognosy
22	2nd WEEK OF MAR 2023	<b>I-Sessional Examination</b> for I to V Pharm D(RS2), II Pharm D PB(RS).
23	2nd WEEK OF MAR 2023	FDP by Department of Pharmacology
24	3RD WEEK OF MAR 2023	seminar/workshop/Guest lecture (Department of Pharmacology) & IQAC
25	4TH WEEK OF MAR 2023	seminar/workshop/Guest lecture (Department of Pharmacognosy) & IQAC
26	1ST WEEK OF MAY 2023	<b>II-Sessional Examination- I, III, V and VII sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
27	1ST WEEK OF MAY 2023	FDP by Department of Pharmaceutics



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

28	2ND WEEK OF MAY 2023	<b>Non-University subjects End semester Exam I Sem B. Pharm, III Sem M. Pharm</b>
29	3RD WEEK OF MAY 2023	Finalization of Internal Assessment Marks for I/III/V/VII semester B. Pharm (RS5) and I/III Sem M. Pharm (RS5) & Last date for submission of IA Marks to RGUHS
30	MAY/ JUNE 2023 (TENTATIVELY)	<b>RGUHS End Sem Exam -I, III, V and VII sem of B. Pharm (RS5)/ I &amp; III Sem M. Pharm (RS5) &amp; RGUHS Supplementary Exam B. Pharm, M. Pharm, PharmD</b>
31	3RD WEEK OF JUNE 2023	<b>II Sessional Examination</b> for I-V Pharm D, I & II Pharm D PB
32	3RD WEEK OF JUNE 2023	FDP by Department of Pharmacognosy
33	4TH WEEK OF JUNE 2023	Commencement of classes for Even semester B. Pharm/ M. Pharm
34	4th WEEK OF JUNE 2023	seminar/workshop/Guest lecture (Department of Pharmaceutics) & IQAC
35	4th WEEK OF JUNE 2023	Guest lecture by Department of Pharmacology
36	2ND WEEK OF JULY 2023	Seminar/workshop/Guest lecture (Department of Pharmacy Practice) & IQAC
37	2ND WEEK OF JULY 2023	FDP by Department of Pharmaceutics
38	3 <sup>rd</sup> WEEK OF JULY 2023	Guest lecture by Department of Pharmacognosy
39	3 <sup>rd</sup> WEEK OF JULY 2023	Guest lecture by Department of Pharmacology
40	3 <sup>rd</sup> WEEK OF JULY 2023	Guest lecture by Department of Pharmaceutics
41	2ND WEEK OF AUG 2023	seminar/workshop/Guest lecture (Department of Pharmacology Dept) & IQAC
42	3RD WEEK OF AUG 2023	<b>I-Sessional Examination- II, IV and VI sem of B. Pharm (RS5)/II Sem M. Pharm (RS5)</b>
43	4TH WEEK OF AUG 2023	seminar/workshop/Guest lecture (Department of Pharmacognosy & IQAC
44	1ST WEEK OF SEP 2023	seminar/workshop/Guest lecture (Department of Pharmaceutical chemistry) & IQAC
45	2ND WEEK OF SEP 2023	Online /Offline Alumni Meet-2023
46	2 <sup>ND</sup> WEEK OF SEP 2023	Cultural events
47	3RD WEEK OF SEP 2023	<b>III Sessional Examination</b> for I-V Pharm D, I & II Pharm D PB
48	1ST WEEK OF OCT 2023	Last Working Day of Academic Year 2022-23 For I-V Pharm D(RS2), I & II Pharm D PB (RS)
49	1 <sup>st</sup> WEEK OF OCT 2023	Workshop by Department of Pharmacology
50	2ND WEEK OF OCT 2023	<b>II-Sessional Examination- II, IV and VI sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)</b>
51	2 ND WEEK OF OCT 2023	<b>M.Pharm (RS5) IV semester -Dissertation submission</b> last date to RGUHS
52	3RD WEEK OF OCT 2023	Last Working Day of Academic Year 2022-23 For Semester B. Pharm, M. Pharm
53	3RD WEEK OF OCT 2023	Finalization of Internal Assessment Marks for I-V Pharm D, I&II Pharm D PB and II/IV/VI/VIII semester B. Pharm (RS5) and II/IV Sem M. Pharm (RS5) & Last date for submission of IA Marks to RGUHS
54	1st WEEK OF Nov 2023 (TENTATIVELY)	<b>RGUHS End Sem Exam -II, IV, VI and VIII sem of B. Pharm (RS5)/ II &amp; IV Sem M. Pharm (RS5) &amp; RGUHS Supplementary Exam B. Pharm, M. Pharm &amp; RGUHS Annual Exam PharmD, PharmD PB</b>
55	3RD WEEK OF DEC 2023	Completion of Hospital internship of VI PharmD and III PB

P. Padma

PRINCIPAL

The Oxford College of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

### CIRCULAR/NOTICE

This is to inform that I-Sessional examination will commence from 27/2/2023 to 4/3/2023 for

III Sem B Pharm - 27/2/2023 to 4/3/2023

V Sem B Pharm - 27/2/2023 to 3/3/2023

VII Sem B Pharm - 27/2/2023 to 3/3/2023

I Sem M Pharm - 1/3/2023

III Sem M. Pharm -27/2/2023 to 3/3/2023

Theory and practical exam schedule will be circulated shortly.

#### Copy to

(iii) Notice board.

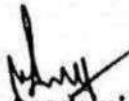
(iv) All HODs

#### Please Note:

- University Reg No along with Roll No. has to be mentioned on top of Bluebook by the concerned Subject Teacher and booklets has to be distributed according to the roll no. to the respective rooms.
- Concerned Subject Teacher has to handover Booklets to respective Invigilators before 30 mts of the commencement of exam.
- Concerned Subject Teacher has to take responsibility to file Question Paper and Attendance Statement.
- Seating Arrangement should be followed strictly
- Invigilators should reach Exam Hall before 10 minutes. Invigilator should adjust Duty in absence.

G. Nagalakshmi  
Dean Exam

Dr Nagalakshmi G

  
Dean Academic

Dr Parthasarathy G

P. Padma  
Principal

Dr Padmaa M Paarakh



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacvprincipal@theoxford.edu; info@theoxford.edu



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## I SESSIONAL TIME TABLE FOR B PHARM III SEM (FEB 2023)

Date	Time	Subject
27/2/23	2:00-3:00 pm	Pharmaceutical organic Chemistry II
28/2/23	2:00-3:00 pm	Physical Pharmaceutics- I
01/3/23	2:00-3:00 pm	Pharmaceutical Microbiology
02/3/23	2:00-3:00 pm	Pharmaceutical Engineering

## I Sessional Practical Time Table for B Pharm III Semester

Date	Subject	Batch	Time
28/02/23 Tuesday	Pharmaceutical organic Chemistry II	B-I	9:00-12:00 PM
	Physical Pharmaceutics- I	B-II	9:00-12:00 PM
	Pharmaceutical Microbiology	B-III	9:00-12:00 PM
	Pharmaceutical Engineering	B-IV	9:00-12:00 PM
01/3/23 Wednesday	Pharmaceutical organic Chemistry II	B-II	9:00-12:00 PM
	Physical Pharmaceutics- I	B-III	9:00-12:00 PM
	Pharmaceutical Microbiology	B-IV	9:00-12:00 PM
	Pharmaceutical Engineering	B-I	9:00-12:00 PM
3/3/23 Friday	Pharmaceutical organic Chemistry II	B-III	9:00-12:00 PM
	Physical Pharmaceutics- I	B-IV	9:00-12:00 PM
	Pharmaceutical Microbiology	B-I	9:00-12:00 PM
	Pharmaceutical Engineering	B-II	9:00-12:00 PM
4/3/23 Saturday	Pharmaceutical organic Chemistry II	B-IV	9:00-12:00 PM
	Physical Pharmaceutics- I	B-I	9:00-12:00 PM
	Pharmaceutical Microbiology	B-II	9:00-12:00 PM
	Pharmaceutical Engineering	B-III	9:00-12:00 PM

G. Nagalakshmi  
Dean Exam

Dr Nagalakshmi G

  
Dean Academic

Dr Parthasarathy G

  
Principal

Dr Padmaa M Paarakh



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongsandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;









Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

**I SESSIONAL TIME TABLE FOR B PHARM V SEM (FEB 2023)**

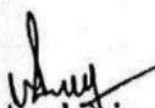
Date	Time	Subject
27/2/23	10:00-11:00 am	Medicinal chemistry-II
28/2/23	10:00-11:00 am	Industrial pharmacy - I
01/3/23	10:00-11:00 am	Pharmacology- II
02/3/23	10:00-11:00 am	Pharmacognosy and Phytochemistry - II
03/3/23	10:00-11:00 am	Pharmaceutical jurisprudence

**I Sessional Practical Time Table for B Pharm V Semester**

Date	Subject	Batch	Time
27/2/23 Monday	Industrial pharmacy - I	B-I	1:30-4:00 PM
	Pharmacology- II	B-II	1:30-4:00 PM
	Pharmacognosy and Phytochemistry - II	B-III	1:30-4:00 PM
28/2/23 Tuesday	Industrial pharmacy - I	B-II	1:30-4:00 PM
	Pharmacology- II	B-III	1:30-4:00 PM
	Pharmacognosy and Phytochemistry - II	B-IV	1:30-4:00 PM
1/3/23 Wednesday	Industrial pharmacy - I	B-III	1:30-4:00 PM
	Pharmacology- II	B-IV	1:30-4:00 PM
	Pharmacognosy and Phytochemistry - II	B-I	1:30-4:00 PM
2/3/23 Thursday	Industrial pharmacy - I	B-IV	1:30-4:00 PM
	Pharmacology- II	B-I	1:30-4:00 PM
	Pharmacognosy and Phytochemistry - II	B-II	1:30-4:00 PM

G. Nagalakshmi  
Dean Exam

Dr Nagalakshmi G

  
Dean Academic

Dr Parthasarathy G

  
Principal

Dr Padmaa M Paarakh



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





**The Oxford College of Pharmacy, Hongasandra, Bengaluru- 560068**  
(RGUHS, The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the  
Pharmacy Council of India, New Delhi)

**B. PHARM RS5 SEMESTER - V**  
**SESSIONAL EXAM (Internal Assessment) - I**  
Date of Exam: 28/02/2023

<b>SUBJECT CODE:</b>	<b>BP502T</b>	<b>TOTAL MARKS</b>	<b>30</b>
<b>SUBJECT NAME:</b>	<b>Industrial Pharmacy I</b>	<b>EXAM HRS.</b>	<b>1 hour</b> <b>10.00 to 11.00 AM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS</b>	<b>Marks</b>	<b>CO-PO-PSO #</b>	<b>Bloom's Taxonomy Level *</b>
1. Explain in detail sugar coating of tablets including its advantages & disadvantages	10	CO(1),PO(1,4,11),PSO(2)	L1
2. Explain the construction and working of a rotary die machine used in manufacture of soft gelatin capsule.	10	CO(1),PO(1,4,11),PSO(2)	L1
<b>II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS</b>			
3. Describe quality control tests for capsules	5	CO(4),PO(1-4,10,11),PSO(2,3)	L2
OR Define emulsion. Describe evaluation of emulsions.	5	CO(4),PO(1-4,10,11),PSO(2,3)	L2
4. Name the various physico-chemical properties of drugs. Explain any three.	5	CO(2),PO(1,11),PSO(2,3)	L2
<b>III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS</b>			
5. What is the influence of particle size on absorption?	2	CO(2),PO(1,11),PSO(2,3)	L2
6. Write on disintegrants used in tablets preparation with examples.	2	CO(3),PO(1),PSO(2)	L1
7. Give the storage conditions of capsules.	2	CO(5),PO(1,4,8),PSO(2)	L1
8. Write the importance of angle of repose in tableting.	2	CO(2),PO(1,11),PSO(2,3)	L2
9. List the methods of filling of oral liquids. Explain any one method.	2	CO(1),PO(1,4,11),PSO(2)	L1

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

**COURSE OUTCOMES**

- CO1** Understand the concepts of various pharmaceutical dosage forms and their manufacturing techniques.
- CO2** Know various considerations in development of pharmaceutical dosage forms
- CO3** Understand rationale behind use of ingredients for formulation
- CO4** Formulate solid, liquid and semisolid dosage forms and evaluate them for their quality
- CO5** Know the stability study and its standard evaluation procedure for better storage conditions.

**CO-PO-PSO MAPPING**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>
<b>CO1</b>	2	-	-	1	-	-	-	-	-	-	1	-	1	-
<b>CO2</b>	2	-	-	-	-	-	-	-	-	-	-	-	1	-
<b>CO3</b>	2	-	-	-	-	-	-	-	-	1	1	-	1	1
<b>CO4</b>	2	1	1	1	-	-	-	-	-	1	-	-	1	-
<b>CO5</b>	1	-	-	1	-	-	-	1	-	-	-	-	1	-



**The Oxford College of Pharmacy, Hongasandra, Bengaluru- 560068**  
(RGUHS, The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the  
Pharmacy Council of India, New Delhi)

**B. PHARM RS5 SEMESTER - V**  
**SESSIONAL EXAM (Internal Assessment) - I**

Date of Exam: 27/02/2023

<b>SUBJECT CODE:</b>	<b>BP502P</b>	<b>TOTAL MARKS</b>	<b>40</b>
<b>SUBJECT NAME:</b>	<b>Industrial Pharmacy I</b>	<b>EXAM HRS.</b>	<b>3 hours</b>
	<b>BATCH: I</b>		<b>1.30 to 4.30 PM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I. SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO-PO-PSO #</b>	<b>Bloom's Taxonomy Level *</b>
1. Write the application of preformulation consideration in the development of solid.	3	CO(3),PO(1,11),PSO(2,3)	L3
2. Write the effect of surface area and particle size on solubility.	2	CO(3),PO(1,11),PSO(2,3)	L1
3. Explain dry granulation methods for tablet.	5	CO(3),PO(1,11),PSO(2,3)	L1
<b>II. EXPERIMENT- 25 MARKS</b>			
<b>Major</b> —Write the principle, procedure involved in the preparation and evaluation of paracetamol tablets.	15	CO(2),PO(1,3)	L2
<b>Minor</b> --Write the principle, procedure involved in the quality control tests of capsules.	10	CO(4),PO(1,3,4,11),PSO(2,3)	L2
<b>III. VIVA VOCE – 5 MARKS</b>	5		
<b>IV. RECORD – 5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 5 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 5 MARKS</b>	1.5		

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge) , L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

**COURSE OUTCOMES**

<b>CO1</b>	State the correct use of various equipment's in Pharmaceutics laboratory relevant to tablets, capsules & coating.
<b>CO2</b>	Explain formulation, evaluation and labelling of tablets & capsules and other dosage forms
<b>CO3</b>	To understand all the related and practical aspect of dosage form development.
<b>CO4</b>	To formulate and evaluate solid, liquid and semisolid dosage forms
<b>CO5</b>	To evaluate the containers for pharmaceutical dosage form

**CO-PO-PSO MAPPING**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>
<b>CO1</b>	2	-	-	-	-	-	-	-	-	-	1	-	-	-
<b>CO2</b>	2	-	1	-	-	-	-	-	-	-	-	-	-	-
<b>CO3</b>	2	-	-	-	-	-	-	-	-	-	1	-	1	1
<b>CO4</b>	2	-	1	1	-	-	-	-	-	-	1	-	1	1
<b>CO5</b>	2	-	1	-	-	-	-	-	-	-	1	-	-	-



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### I SESSIONAL TIME TABLE FOR B PHARM VII SEM (FEB 2023)

Date	Time	Subject
27/2/23	10:00-11:00 am	Instrumental Methods of Analysis
28/2/23	10:00-11:00 am	Industrial Pharmacy II
01/3/23	10:00-11:00 am	Pharmacy Practice
02/3/23	10:00-11:00 am	Novel Drug Delivery System
03/3/23	10:00-11:00 am	Practice school

### I Sessional Practical Time Table for B Pharm VII Semester

Date	Subject	Batch	Time
27/2/23 Monday	Instrumental Methods of Analysis	B-I	1:30-4:00 PM
2/3/23 Thursday	Instrumental Methods of Analysis	B-III	1:30-4:00 PM
3/3/23 Friday	Instrumental Methods of Analysis	B-II	1:30-4:00 PM

G. Nagalakshmi  
Dean Exam

Dr Nagalakshmi G

  
Dean Academic

Dr Parthasarathy G

  
Principal

Dr Padmaa M Paarakh



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





**The Oxford College of Pharmacy, Hongasandra, Bengaluru- 560068**  
(RGUHS, The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the  
Pharmacy Council of India, New Delhi)

**B. PHARM RS5 SEMESTER - VII**  
**PRACTICAL SESSIONAL EXAM (Internal Assessment) - I**

Date of Exam: 27/02/2023

<b>SUBJECT CODE:</b>	<b>BP701P</b>	<b>TOTAL MARKS</b>	<b>40</b>
<b>SUBJECT NAME:</b>	<b>Instrumental Methods Analysis Batch- I</b>	<b>EXAM HRS.</b>	<b>3 hours 1.30 to 4.00 PM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I. SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO-PO-PSO #</b>	<b>Bloom's Taxonomy Level *</b>
1. Write Effect of Quenching on Fluorescence intensity.	5	CO(1), PO(3,4), PSO(3)	L1
2. Write a note on different type of Quenching.	5	CO(1), PO(3,4), PSO(3)	L1
<b>II. EXPERIMENT- 25 MARKS</b>			
<b>Major</b> — Estimation of Paracetamol by UV Spectrophotometry.	25	CO(3), PO(3,4), PSO(3)	L3
<b>III. VIVA VOCE – 5 MARKS</b>	5	CO(2), PO(3,4), PSO(3)	L1
<b>IV. RECORD –1.5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 2 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 1.5 MARKS</b>	1.5		

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

**COURSE OUTCOMES**

- |            |  |
|------------|--|
| <b>CO1</b> | To know various analytical sample preparation techniques & its application in various drug analysis. |
| <b>CO2</b> | To learn qualitative analysis of drugs using various analytical instruments                          |
| <b>CO3</b> | To learn assays of Various APIs and its formulation as per Pharmacopoeia standards.                  |
| <b>CO4</b> | To Learn separation and identification of compounds by various chromatographic techniques.           |

**CO-PO-PSO MAPPING**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1.	-	-	1	1	-	-	-	-	-	-	-	-	-	3
CO2.	-	-	3	3	-	-	-	-	-	-	-	-	-	3
CO3.	-	-	3	3	-	-	-	-	-	-	-	-	-	3
CO4.	-	-	3	3	-	-	-	-	-	-	-	-	-	3

*P Padwa*

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 619, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### RESULT ANALYSIS

After the first sessional result declaration the students were grouped as slow/neutral/advanced learners. The basis of selection of slow/neutral/advanced learners are based on the marks obtained by the students in the first sessional.

The students were identified as low performers and advanced learners based on the following criteria

1. Marks obtained in first sessional (<50 %-slow learners; >50%-<80%-neutral learners; >80%-advanced learners

15 slow learners were identified during I sessional examination, after remedial classes 2 students are turned to neutral learners.

### **VII SEMESTER BPHARM**

#### **1. Instrumental Methods of analysis**

3 slow learners were identified during I sessional examination, after remedial classes 3 students are turned to neutral learners.

Principal

Dr. Padmaa M Paarakh

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068







Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### CALENDER OF EVENTS-ACADEMIC YEAR 2021-2022

#### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1.	4 <sup>th</sup> WEEK OF OCT 2021 (28 <sup>th</sup> OCT 2021) TENTATIVELY	Inauguration & Orientation Commencement of Classes for I Year (Isem)B. Pharm & I Sem M. Pharm and I Year PharmD, I PharmD (PB)
2.	4 <sup>th</sup> WEEK OF OCT 2021	Guest talk organized by Department of Pharmacology
3.	2 <sup>nd</sup> WEEK OF NOV 2021	<b>RGUHS EXAM 2020-21 Batch B. Pharm, M. Pharm, PharmD</b>
4.	3 <sup>RD</sup> WEEK OF NOV 2021	Seminar by Pharmaceutics
5.	3 <sup>RD</sup> WEEK OF NOV 2021	FDP by Pharmacology
6.	2 <sup>ND</sup> WEEK OF DEC 2021	Commencement of Classes For <b>III, V and VII Sem of B. Pharm, I and III Sem M. Pharm, I-V Year PharmD, I&amp;II-year PharmD (PB) &amp; Commencement of Hospital Internship for VI Pharm D and III PB students</b>
7.	4 <sup>th</sup> WEEK OF DEC 2021	Online Webinar/seminar (Department of Pharmaceutics) & IQAC
8.	4 <sup>th</sup> WEEK OF DEC 2021	Guest lecture organized by Department of Pharmacology
9.	4 <sup>th</sup> WEEK OF DEC 2021- 2 <sup>nd</sup> WEEK OF JAN 2022	Campus Interview/ Placement training webinars (Placement committee)
10.	2 <sup>nd</sup> WEEK OF JAN 2022	Seminar by Department of Pharmaceutics
11.	2 <sup>ND</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry) & IQAC
12.	2 <sup>ND</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmacognosy) & IQAC
13.	3 <sup>RD</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmacy practice) & IQAC
14.	3 <sup>RD</sup> WEEK OF JAN 2022	Guest Lecture organized by Department of Pharmaceutics
15.	3 <sup>RD</sup> WEEK OF JAN 2022	Online Webinar/seminar (Pharmaceutics Dept) & IQAC
16.	3 <sup>RD</sup> WEEK OF JAN 2022	FDP by Pharmacology
17.	4 <sup>TH</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry Dept) & IQAC
18.	4 <sup>TH</sup> WEEK OF JAN 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
19.	4 <sup>th</sup> WEEK OF JAN 2022	Guest lecture Organized by NSS
20.	1 <sup>st</sup> WEEK OF FEB 2022	Guest lecture organized by Department of Pharmaceutics
21.	2 <sup>ND</sup> WEEK OF FEB 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
22.	3 <sup>RD</sup> WEEK OF FEB 2022	Online Webinar/seminar (Department of Pharmacy Practice) & IQAC
23.	4 <sup>TH</sup> WEEK OF FEB 2022	<b>I-Sessional Examination of I to V Pharm D(RS2), II Pharm D PB(RS).</b>
24.	4 <sup>TH</sup> WEEK OF FEB 2022	<b>I-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
25.	1 <sup>ST</sup> WEEK OF MAR 2022	<b>Non-University subj. End semester Exam I Sem B. Pharm, III Sem M. Pharm</b>
26.	2 <sup>nd</sup> WEEK OF MARCH 2022	Webinar by Departments of Pharmacognosy and Pharmaceutical Chemistry
27.	2 <sup>nd</sup> WEEK OF MARCH 2022	FDP by Department of Pharmaceutical Chemistry
28.	4 <sup>th</sup> WEEK OF MARCH 2022	Seminar by Department of Pharmacology



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

29	MARCH/ APR 2022 (TENTATIVELY)	RGUHS End Sem Exam –I, III, V and VII Sem of B. Pharm (RS5)/ I & III Sem M. Pharm (RS5) & RGUHS Supplementary Exam B. Pharm, M. Pharm, PharmD
30	15 APRIL 2022	Submission of M. pharm synopsis to RGUHS
31	3 <sup>RD</sup> WEEK OF APRIL 2022	Commencement of classes for Even semester B. Pharm/ M. Pharm
32	1 <sup>ST</sup> WEEK OF MAY 2022	Online Webinar/seminar (Pharmacognosy Dept) & IQAC
33	2 <sup>ND</sup> WEEK OF MAY 2022	II-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
34	2 <sup>ND</sup> WEEK OF MAY 2022	FDP by Department of Pharmaceutics
35	4 <sup>TH</sup> WEEK OF MAY 2022	II Sessional Examination for I–V Pharm D, I & II Pharm D PB
36	3 <sup>RD</sup> WEEK OF MAY 2022	Online Webinar/seminar (Department of Pharmaceutics) & IQAC
37	4 <sup>TH</sup> WEEK OF MAY 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry) & IQAC
38	1 <sup>ST</sup> WEEK OF JUNE 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
39	2 <sup>ND</sup> WEEK OF JUNE 2022	I-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm(RS5)
40	3 <sup>RD</sup> WEEK OF JUNE 2022	Online Webinar/seminar (Department of Pharmacy Practice) & IQAC
41	4 <sup>TH</sup> WEEK OF JUNE 2022	Online Webinar/seminar (Department of Pharmacology) & IQAC
42	2 <sup>ND</sup> WEEK OF JULY 2022	Online /Offline Alumni Meet-2022
43	4 <sup>TH</sup> WEEK OF JULY 2022	Webinar by Department of Pharmacology
44	2 <sup>ND</sup> WEEK OF JULY 2022	Online/Offline Cultural events (Cultural committee)
45	3 <sup>RD</sup> WEEK OF JULY 2022	Online Webinar/seminar (Department of Pharmacognosy) & IQAC
46	3 <sup>RD</sup> WEEK OF JULY 2022	Online Webinar/seminar (Department of Pharmaceutical Chemistry) & IQAC
47	1 <sup>ST</sup> WEEK AUG 2022	M.Pharm (RS5) IV semester -Dissertation submission last date to RGUHS
48	4 <sup>TH</sup> WEEK OF AUG 2022	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M Pharm (RS5)
49	4 <sup>TH</sup> WEEK OF AUG 2022	III Sessional Examination for I–V Pharm D, I & II Pharm D PB
50	4 <sup>TH</sup> WEEK OF AUG 2022	Seminar by Department of Pharmacognosy
51	4 <sup>TH</sup> WEEK OF AUG 2022	Last Working Day of Academic Year 2021-22 For Semester

*P. Padma*  
Principal

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru –560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





### CIRCULAR/NOTICE

This is to inform that II-Sessional Examination will commence from 21/5/2022 to 03/06/2024 for

#### II-Sessional Examination of I to V Pharm D(RS2), II Pharm D PB.

I Pharm D - 21/02/2022 to 05/03/2022

II Pharm D - 21/02/2022 to 05/03/2022

III Pharm D - 21/02/2022 to 05/03/2022

IV Pharm D - 21/02/2022 to 04/03/2022

I Pharm D PB -21/02/2022 to 04/03/2022

V Pharm D II Pharm D PB -21/02/2022 to 24/02/2022

Theory and practical exam schedule will be circulated shortly.

#### Copy to

Notice board.

All HODs

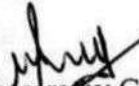
#### Please Note:

- University Reg No along with Roll No. has to be mentioned on top of Bluebook by the concerned Subject Teacher and booklets has to be distributed according to the roll no. to the respective rooms.
- Concerned Subject Teacher has to handover Booklets to respective Invigilators before 30 mts of the commencement of exam.
- Concerned Subject Teacher has to take responsibility to file Question Paper and Attendance Statement.
- Seating Arrangement should be followed strictly.
- Invigilators should reach Exam Hall before 10 minutes. Invigilator should adjust Duty in absence.


Dean Exam

  
Dr. Nagalakshmi G

Dean Academic

  
Dr. Parthasarathy G

Principal

  
Dr. Padma M Paarakh

**PRINCIPAL**

The Oxford College Of Pharmacy

No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068

Phone: +91-80-61754694; Fax: +91-80-61754699; [www.theoxford.edu](http://www.theoxford.edu)

No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru - 560 068

☎: +91-80-61754694; Fax: +91-80-61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### SESSIONAL TIME TABLE FOR III PHARM D (FEB 2022)

Date	Time	Subject
21/02/2022	10.00-11.30am	Pharmacology II
22/02/2022	10.00-11.30am	Pharmaceutical Analysis
23/02/2022	10.00-11.30am	Pharmaceutical Jurisprudence
24/02/2022	10.00-11.30am	Pharmacotherapeutics II
25/02/2022	10:00-11:30 am	Medicinal Chemistry
26/02/2022	10:00-11:30 am	Pharmaceutical Formulations

### SESSIONAL PRACTICAL TIME TABLE FOR III PHARM D

Date	Subject	Batch	Time
29/02/2022 Monday	Pharmaceutical Analysis	I	9:00-12:00 PM
02/03/2022 Wednesday	Pharmacology II	I	1:30-4:00 PM
03/03/2022 Thursday	Pharmaceutical Formulations	I	1:30-4:00 PM
04/03/2022 Friday	Pharmacotherapeutics II	I	9:00-12:00 PM
05/03/2022 Saturday	Medicinal Chemistry	I	9:00-12:00 PM

Dean Exam

*Gm*  
Dr. Nagalakshmi G

Dean Academic

*Parthasarathy*  
Dr. Parthasarathy G

Principal

*P. Padma*  
Dr. Padmaa M Paarakh

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**III PHARM D RS2**  
**SESSIONAL EXAM (Internal Assessment) - II**  
**Date of Exam: 22/02/2022**

<b>SUBJECT CODE:</b>	<b>PHAD2C02Th</b>	<b>TOTAL MARKS</b>	<b>30</b>
<b>SUBJECT NAME:</b>	<b>PHARMACEUTICAL ANALYSIS</b>	<b>EXAM Hrs.</b>	<b>1 hour 30 mins 10:00-11:30AM</b>

**COURSE OBJECTIVE:** The Objective of this course is to Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession. To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies. To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Describe the construction and working of a gas chromatography? Emphasize on the ideal characteristics of stationary phase and mobile phase used in GC.	10	CO (1)	L1
2. Give an account of construction and working of glass electrode? Write the application of potentiometric titrations.	10	CO (2)	L1
<b>II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS</b>			
3. Explain the theory and types of conductometric titrations.	5	CO (2)	L1
4. What is chromophore and auxochrome? Give two examples each of them	5	CO (3)	L1
5. Explain in detail about instrumentation of amperometric titrations.	5	CO (2)	L1
<b>III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS</b>			
6. Enumerate the applications of gas chromatography.	2	CO (1)	L1
7. What is potentiometry? How is potential (emf) is measured	2	CO (2)	L1
8. What is E <sub>1/2</sub> (Half wave potential)?	2	CO (2)	L1
9. Define specific conductance and equivalent conductance	2	CO (2)	L1
10. Define hyperchromic and hypochromic shifts?	2	CO (3)	L1

# {e.g. CO (1), PO (1-3,8,11), PSO (1,2)} \* (e.g. L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

### COURSE OUTCOMES

<b>CO1</b>	To Understand about various chromatographic techniques
<b>CO2</b>	To understand about various electrochemical methods
<b>CO3</b>	To Understand about various spectroscopy
<b>CO4</b>	To gain knowledge about quality assurance



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

III PHARM D RS2 SESSIONAL EXAM (Internal Assessment) - II Date of Exam: 29/02/2022			
SUBJECT CODE:	PHAD2CO2PR	TOTAL MARKS	30
SUBJECT NAME:	Pharmaceutical Analysis BATCH: I	EXAM HRS.	3 hours 9AM to 12 PM
<p><b>COURSE OBJECTIVE:</b> The Objective of this course is to Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession. To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.</p> <p>To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins</p>			
<b>I.SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Write the principle involved in nephelometry	2	CO (2)	L1
2. Give the stationary phase and mobile phase used in gas chromatography	2	CO (1)	L1
<b>II.EXPERIMENT-25 MARKS</b>			
Major: Perform the estimation of quinine sulphate by fluorimetry and report it	8	CO (2)	L4
Minor: Perform the determination of chlorides in calcium gluconate by nephelometry method and report it	5	CO (2)	L4
<b>III.VIVA VOCE- 3 MARKS</b>	3		
<b>IV. RECORD - 2 MARKS</b>	2		
<b>V. ATTENDANCE - 4 MARKS</b>	4		
<b>VI. VIVA AGGREGATE MARKS- 4 MARKS</b>	4		
<p># {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} * (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating</p>			
<b>COURSE OUTCOMES</b>			
CO1	To understand about various chromatographic techniques		
CO2	To understand about various methods of spectroscopy and colorimetric analysis		
CO3	To carryout various titration methods.		
CO4	To Know various physical constants and their effects.		





## RESULT ANALYSIS

As per the discussion with the HODs and dean examination, after the first sessional result declaration the students were grouped as slow/neutral/advanced learners. The basis of selection of slow/neutral/advanced learners are based on the marks obtained (<50 %-slow learners; >50%<80%-neutral learners; >80%-advanced learners) by the students in the first sessional. The Subject Teacher will responsible to carry out the classes and periodic tests for the slow learners and at the end of the session, the subject teachers are required to submit the remedial attendance in which the conversion ratio has to be given for slow to neutral and advanced learners.

The conversion of the slow learners to the neutral and advanced learners are summarised as follows:

### III PHARM D

#### 1. PHARMACOTHERAPEUTICS-II

No slow learners identified.

#### 2. PHARMACEUTICAL JURISPRUDENCE

1 slow learner are identified during I sessional examination, after remedial classes the students turned into neutral learner and after III sessional the student turned into advanced learner.

#### 3. PHARMACOLOGY

3 slow learners are identified during I sessional examination, after remedial classes 1 student turned into neutral learner and 1 into advanced learner. After III sessional 2 students turned into advanced and 1 into neutral learner.

4. PHARMACEUTICAL ANALYSIS :- No slow learners identified.

5. PHARMACEUTICAL FORMULATION :- No slow learners identified.

#### 6. MEDICINAL CHEMISTRY

3 slow learners are identified during I sessional examination, after remedial classes 2 students turned into neutral learner and 1 into advanced learner.



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2020-2021

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1.	15 <sup>th</sup> JULY 2020	Commencement of Classes For, B. Pharm, M. Pharm, PharmD, PharmD (PB) except I <sup>st</sup> Year of all course Commencement of Hospital Internship for VI PharmD and III PB students
2.	4 <sup>th</sup> WEEK OF SEPTEMBER 2020	I-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
3.	4 <sup>th</sup> WEEK OF SEPTEMBER 2020	I-Sessional Examination of I to V Pharm D(RS2), II Pharm D PB(RS).
4.	3 <sup>rd</sup> WEEK OF OCTOBER 2020	Webinar by Department of Pharmacy practice
5.	2 <sup>nd</sup> WEEK OF NOVEMBER 2020	Soft skill Programme by Department of Pharmacology
6.	1 <sup>st</sup> WEEK OF DEC 2020 (10 <sup>th</sup> Dec 2020)	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm & M. Pharm and I Year PharmD, I PharmD (PB)
7.	3 <sup>rd</sup> WEEK OF DEC 2020	<b>RGUHS EXAM 2019-20 Batch B. Pharm, M. Pharm, PharmD</b>
8.	4 <sup>th</sup> WEEK OF DECEMBER	Webinar by Department of Pharmaceutics
9.	2 <sup>nd</sup> WEEK OF FEB 2021	FDP by Department of Pharmaceutical Chemistry
10.	1 <sup>st</sup> WEEK OF MARCH 2021	II Sessional Examination for I-V Pharm D, I & II Pharm D PB
11.	1 <sup>st</sup> WEEK OF MARCH 2021	II-Sessional Examination- I, III, V and VII Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)
12.	2 <sup>nd</sup> WEEK OF MARCH 2021	Non-University subj. End semester Exam I Sem B. Pharm, III Sem M. Pharm
13.	4 <sup>th</sup> WEEK OF MARCH 2021	<b>RGUHS End Sem Exam - III, V and VII Sem of B. Pharm (RS5)/III Sem M. Pharm (RS5) &amp; Supplementary Exam B. Pharm, M. Pharm, PharmD</b>
14.	1 <sup>st</sup> WEEK OF MAY 2021	FDP by Department of Pharmacy Practice
15.	3 <sup>rd</sup> WEEK OF MAY 2021	Soft skill Programme by Department of Pharmacognosy
16.	4 <sup>th</sup> WEEK OF MAY 2021	Life skill Programme by Departments of Pharmacognosy and Pharmacology
17.	4 <sup>th</sup> WEEK OF MAY 2021	Workshop by Departments of Pharmacology and Pharmaceutics
18.	1 <sup>st</sup> WEEK OF JUNE 2021	Guest Lecture by NSS
19.	2 <sup>nd</sup> WEEK OF JUNE 2021	Seminar by Departments of Pharmaceutics & Pharmacy practice
20.	3 <sup>rd</sup> WEEK OF JUNE 2021	Life skill Programme by NSS
21.	4 <sup>th</sup> WEEK OF JUNE 2021	Soft skill Programme by Department of Pharmaceutics
22.	4 <sup>th</sup> WEEK OF JUNE 2021	I-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
23.	1 <sup>st</sup> WEEK OF JUNE 2021	Guest Lecture by NSS



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

24.	1 <sup>st</sup> WEEK OF JULY 2021	Guest Lecture by Department of Pharmaceutics
25.	2 <sup>nd</sup> WEEK OF JULY 2021	RGUHS End Sem Exam – I Sem of B. Pharm (RS5)/ I Sem MPharm (RS5)
26.	2 <sup>nd</sup> WEEK OF JULY 2021	FDP by Department of Pharmacology
27.	1 <sup>st</sup> WEEK OF JULY 2021	Soft skill Programme by Department of Pharmacology
28.	4 <sup>th</sup> WEEK OF JULY 2021	Webinar by Departments of Pharmaceutics & Pharmaceutical Chemistry
29.	1 <sup>ST</sup> WEEK OF AUG 2021	Last date for submission of M. Pharm IV Sem Dissertation /IA Marks to RGUHS
30.	2 <sup>ND</sup> WEEK OF AUG 2021	III Sessional Examination for I–V Pharm D, I & II Pharm D PB
31.	2 <sup>ND</sup> WEEK OF AUG 2021	FDP by Department of Pharmacy Practice
32.	3 <sup>RD</sup> WEEK OF SEP 2021	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
33.	2 <sup>ND</sup> WEEK OF AUG 2021	Last Working Day of Academic Year 2020-21 For I–V Pharm D(RS2), I & II Pharm D PB (RS)
34.	2 <sup>ND</sup> WEEK OF AUG 2021	Soft skill Programme by Department of Pharmacognosy
35.	4 <sup>TH</sup> WEEK OF AUG 2021	RGUHS semester Exam for M. Pharm (RS5) IV semester - Dissertation Evaluation
36.	3 <sup>RD</sup> WEEK OF SEP 2021	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)
37.	4 <sup>th</sup> WEEK OF SEP 2021	Last Working Day of Academic Year 2020-21 For Semester B. Pharm and M. Pharm
38.	4 <sup>th</sup> WEEK OF SEP 2021	Finalization of Internal Assessment Marks for I–V Pharm D, I&II Pharm D PB and II/IV/VI semester B. Pharm (RS5) and II Sem M.Pharm (RS5)
39.	4 <sup>TH</sup> WEEK OF AUG 2021	Completion of Hospital internship of VI PharmD and III PB students
40.	2 <sup>nd</sup> WEEK OF SEP 2021	RGUHS semester Exam for B. Pharm (RS5) II/IV/VI Semester and M.Pharm (RS5) II semester
41.	2 <sup>nd</sup> WEEK OF SEP 2021	RGUHS Annual Exam for IV-year B. Pharm, I–V Pharm D, I & II Pharm D PB

*P. Padma*  
Principal

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru –560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CIRCULAR/NOTICE

This is to inform that I-Sessional Examination will commence from 28/09/2020 to 04/10/2020 for

### I-SESSIONAL EXAMINATION OF I, III, V AND VII SEM OF B. PHARM (RS5)/I AND III SEM M. PHARM(RS5).

I SEM B Pharm - 28/09/2020 to 04/10/2020

III SEM B Pharm - 28/09/2020 to 03/10/2020

V SEM B Pharm - 28/09/2020 to 03/10/2020

VII SEM B Pharm - 28/09/2020 to 03/10/2020

I SEM M Pharm - 28/09/2020 to 04/10/2020

III SEM M Pharm -28/09/2020

Theory and practical exam schedule will be circulated shortly

### Copy to

Notice board.

All HODs

### Please Note:

- University Reg No along with Roll No. has to be mentioned on top of Bluebook by the concerned Subject Teacher and booklets has to be distributed according to the roll no. to the respective rooms.
- Concerned Subject Teacher has to handover Booklets to respective Invigilators before 30 mts of the commencement of exam.
- Concerned Subject Teacher has to take responsibility to file Question Paper and Attendance Statement.
- Seating Arrangement should be followed strictly.
- Invigilators should reach Exam Hall before 10 minutes. Invigilator should adjust Duty in absence.

Dean Exam

*G. Nagalakshmi*  
Dr. Nagalakshmi G

Dean Academic

*Dr. Parthasarathy G*  
Dr. Parthasarathy G

Principal

*P. Padma*  
Dr. Padmaa M Paarakh

**PRINCIPAL**

The Oxford College Of Pharmacy

No.6/9, 1st Cross, Begur Road, Hongasandra, Bengaluru -560 068

Bangalore -560 068



No.6/9, 1st Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## I SESSIONAL TIME TABLE FOR B PHARM I SEM (2020-21)

Date	Time	Subject
28/09/2020	2:00-3:00 pm	Human Anatomy and Physiology I
29/09/2020	2:00-3:00 pm	Pharmaceutical Analysis - I
30/09/2020	2:00-3:00 pm	Pharmaceutics
01/10/2020	2:00-3:00 pm	Pharmaceutical Inorganic Chemistry
03/10/2020	10:00-11:00 am	Remedial Maths / Remedial Biology
04/10/2020	10:00-11:00 am	Communication Skills

## I Sessional Practical Time Table for B Pharm I Sem

Date	Subject	Batch	Time
28/09/2020 Monday	Human Anatomy and Physiology I	B-I	9:00-12:00 PM
	Pharmaceutical Analysis - I	B-II	9:00-12:00 PM
	Pharmaceutics	B-III	9:00-12:00 PM
	Pharmaceutical Inorganic Chemistry	B-IV	9:00-12:00 PM
29/09/2020 Tuesday	Human Anatomy and Physiology I	B-II	9:00-12:00 PM
	Pharmaceutical Analysis - I	B-III	9:00-12:00 PM
	Pharmaceutics	B-IV	9:00-12:00 PM
	Pharmaceutical Inorganic Chemistry	B-I	9:00-12:00 PM
30/09/2020 Wednesday	Human Anatomy and Physiology I	B-III	9:00-12:00 PM
	Pharmaceutical Analysis - I	B-IV	9:00-12:00 PM
	Pharmaceutics	B-I	9:00-12:00 PM
	Pharmaceutical Inorganic Chemistry	B-II	9:00-12:00 PM
01/09/2020 Thursday	Human Anatomy and Physiology I	B-IV	9:00-12:00 PM
	Pharmaceutical Analysis - I	B-I	9:00-12:00 PM
	Pharmaceutics	B-II	9:00-12:00 PM
	Pharmaceutical Inorganic Chemistry	B-III	9:00-12:00 PM
03/09/20 Friday	Remedial Biology	B-I	11-12 PM

Dean Exam

*Gm*  
Dr. Nagalakshmi G

Dean Academic

*Dr. Parthasarathy G*  
Dr. Parthasarathy G

Principal

*P. Padma*  
Dr. Padmaa M Paarakh  
**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra

Bangalore - 560 068

No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**B. PHARM RS5 SEMESTER - I**  
**SESSIONAL EXAM (Internal Assessment) - I**  
Date of Exam: 01/10/2020

<b>SUBJECT CODE:</b>	<b>BP104T</b>	<b>TOTAL MARKS</b>	<b>30</b>
<b>SUBJECT NAME:</b>	<b>PHARMACEUTICAL INORGANIC CHEMISTRY</b>	<b>EXAM HRS.</b>	<b>1 hour 10:00AM to 11:00 AM</b>

**COURSE OBJECTIVE:** The Objective of this course is to

- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of pharmaceutical formulation & development, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Write the various sources of impurities in pharmaceutical substances with suitable examples	10	CO (1)	L1
2. Write the principle, reaction and procedure involved in the assay of ammonium chloride	10	CO (1)	L2
<b>II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS</b>			
3. Explain the principle, procedure and reaction involved in limit test for sulphate OR Write a note on physiological acid base balance	5	CO (1) CO (2)	L2 L1
4. Discuss the role of fluorides in dental caries	5	CO (2)	L1
<b>III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS</b>			
5. Explain the role of alcohol and barium chloride in sulphate limit test	2	CO (1)	L1
6. Define a) osmotic pressure b) isotonic solution	2	CO (1)	L1
7. Composition of ORS	2	CO (2)	L1
8. Write the use of thioglycolic acid in iron limit test	2	CO (2)	L1
9. Define desensitizing agent. Give example.	2	CO (2)	L1

# {e.g. CO (1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

**COURSE OUTCOMES**

<b>CO1</b>	To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals
<b>CO2</b>	To understand the medicinal and pharmaceutical importance of inorganic compounds.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## B. PHARM RS5 SEMESTER - I SESSIONAL EXAM (Internal Assessment) - I

Date of Exam: 29/09/2020

<b>SUBJECT CODE:</b>	<b>BP110P</b>	<b>TOTAL MARKS</b>	<b>40</b>
<b>SUBJECT NAME:</b>	<b>Pharmaceutical Inorganic Chemistry BATCH: I</b>	<b>EXAM HRS.</b>	<b>3 hour 9:00 AM to 12:00 PM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I. SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Write any two-identification test for sodium ions and calcium ions	5	CO (1)	L1
2. Write the principle involved in the purity test for potassium iodide	5	CO (1)	L1
<b>II. EXPERIMENT- 25 MARKS</b>			
Perform the identification test for given unknown sample and report it	25	CO (1)	L4
<b>III. VIVA VOCE – 5 MARKS</b>	5		
<b>IV. RECORD –1.5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 2 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 1.5 MARKS</b>	1.5		

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

### COURSE OUTCOMES

<b>CO1</b>	To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals.
<b>CO2</b>	Understand the medicinal and pharmaceutical importance of inorganic compounds



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

**B. PHARM RS5 SEMESTER - I**  
**SESSIONAL EXAM (Internal Assessment) - I**  
Date of Exam: 30/09/2020

<b>SUBJECT CODE:</b>	<b>BP104P</b>	<b>TOTAL MARKS</b>	<b>40</b>
<b>SUBJECT NAME:</b>	<b>Pharmaceutical Inorganic Chemistry</b>	<b>EXAM HRS.</b>	<b>3 hours</b>
	<b>BATCH: II</b>		<b>9:00 AM to 12:00 PM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I. SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Write the principle involved in Swelling power of bentonite	5	CO (1)	L1
2. Write any two-identification test for copper ions and gluconate ions	5	CO (1)	L1
<b>II. EXPERIMENT- 25 MARKS</b>			
Perform the identification test for given unknown sample and report it	25	CO (1)	L4
<b>III. VIVA VOCE – 5 MARKS</b>	5		
<b>IV. RECORD –1.5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 2 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 1.5 MARKS</b>	1.5		

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

**COURSE OUTCOMES**

<b>CO1</b>	To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals.
<b>CO2</b>	Understand the medicinal and pharmaceutical importance of inorganic compounds



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## B. PHARM RS5 SEMESTER - I SESSIONAL EXAM (Internal Assessment) - I Date of Exam: 01/10/2020

<b>SUBJECT CODE:</b>	<b>BP104P</b>	<b>TOTAL MARKS</b>	<b>40</b>
<b>SUBJECT NAME:</b>	<b>Pharmaceutical Inorganic Chemistry</b>	<b>EXAM HRS.</b>	<b>3 hours</b>
	<b>BATCH: III</b>		<b>9:00 AM to 12:00 PM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I. SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Write the principle involved in in the purity test for potassium iodide	5	CO (1)	L1
2. Write any two-identification test for copper ions and gluconate ions	5	CO (1)	L1
<b>II. EXPERIMENT- 25 MARKS</b>			
Perform the identification test for given unknown sample and report it	25	CO (1)	L4
<b>III. VIVA VOCE – 5 MARKS</b>	5		
<b>IV. RECORD –1.5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 2 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 1.5 MARKS</b>	1.5		

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge) , L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

### COURSE OUTCOMES

<b>CO1</b>	To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals.
<b>CO2</b>	Understand the medicinal and pharmaceutical importance of inorganic compounds





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### B. PHARM RS5 SEMESTER - I SESSIONAL EXAM (Internal Assessment) - I Date of Exam: 28/09/2020

<b>SUBJECT CODE:</b>	<b>BP104P</b>	<b>TOTAL MARKS</b>	<b>40</b>
<b>SUBJECT NAME:</b>	<b>Pharmaceutical Inorganic Chemistry</b>	<b>EXAM HRS.</b>	<b>3 hours</b>
	<b>BATCH: IV</b>		<b>9:00 AM to 12:00 PM</b>

- **COURSE OBJECTIVE:** The Objective of this course is to
- Educate students to have sound knowledge in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of pharmaceutical formulation & development, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I. SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Write the principle and reactions involved in boric acid preparation from borax	5	CO (1)	L1
2. Write any two-identification test for magnesium ion and ferrous ion	5	CO (1)	L1
<b>II. EXPERIMENT- 25 MARKS</b>			
Perform the identification test for given unknown sample and report it	25	CO (1)	L4
<b>III. VIVA VOCE – 5 MARKS</b>	5		
<b>IV. RECORD –1.5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 2 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 1.5 MARKS</b>	1.5		

# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

#### COURSE OUTCOMES

<b>CO1</b>	To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals.
<b>CO2</b>	Understand the medicinal and pharmaceutical importance of inorganic compounds



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

**Accredited by NAAC and International Accreditation Organization (IAO)**

As per the discussion with the HODs and dean examination, after the first sessional result declaration the students were grouped as slow/neutral/advanced learners. The basis of selection of slow/neutral/advanced learners are based on the marks obtained (<50 %-slow learners; >50%-<80%-neutral learners; >80%-advanced learners) by the students in the first sessional. The Subject Teacher will responsible to carry out the classes and periodic tests for the slow learners and at the end of the session, the subject teachers are required to submit the remedial attendance in which the conversion ratio has to be given for slow to neutral and advanced learners.

The conversion of the slow learners to the neutral and advanced learners are summarised as follows:

## **I SEMESTER B Pharm:**

### 1. Human Anatomy and Physiology:

28 slow learners were identified during I sessional examination, after remedial classes 23 students are turned to neutral learners and 2 turned into advanced learners.

### 2. Pharmaceutical Analysis:

34 slow learners were identified during I sessional examination, after remedial classes 22 students are turned to neutral learners and 6 turned into advanced learners.

### 3. Pharmaceutics:

24 slow learners are identified during I sessional examination, after remedial classes 16 students turned into neutral learners and 1 into advanced learners

### 4. Pharmaceutical Inorganic Chemistry:

26 slow learners are identified during I sessional examination, after remedial classes 18 students turned to neutral learners and 2 turned to advanced learner.





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2019-2020

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1.	24 <sup>th</sup> JULY 2019	Commencement of Classes For, B, Pharm, M. Pharm, PharmD, PharmD (PB) except 1 <sup>st</sup> Year of all course  Commencement of Hospital Internship for VI PharmD and III PB students
2.	1 <sup>st</sup> WEEK OF AUGUST 2019 (5 <sup>th</sup> Aug 2019)	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm, M. Pharm and I Year PharmD, PharmD (PB)
3.	4 <sup>th</sup> WEEK OF SEPTEMBER 2019	Faculty development program by Department of Pharmaceutical Chemistry
4.	4 <sup>th</sup> WEEK OF SEPTEMBER 2019	Workshop by Department of Pharmaceutics
5.	2 <sup>ND</sup> WEEK OF OCTOBER 2019	<b>I-Sessional Examination- I, III and V Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
6.	3 <sup>RD</sup> WEEK OF OCTOBER 2019	<b>I-Sessional Examination of IV B Pharm (RS4), I to V Pharm D (RS2), I &amp; II Pharm D PB (RS).</b>
7.	1 <sup>ST</sup> WEEK OF NOVEMBER 2019	Seminar by Pharmacy Practice
8.	4 <sup>TH</sup> WEEK OF NOVEMBER 2019	<b>RGUHS Supplementary Exam of B. Pharm, M. Pharm, Pharm.D</b>
9.	2 <sup>nd</sup> WEEK OF DECEMBER 2019	<b>II-Sessional Examination- I, III and V Sem of B. Pharm (RS5)/ I and III Sem M. Pharm (RS5)</b>
10.	4 <sup>TH</sup> WEEK OF DECEMBER 2019	<b>RGUHS B. Pharm and M. Pharm (RS5) I/III Semester Exam</b>
11.	4 <sup>TH</sup> WEEK OF DECEMBER 2019	Seminar by Department of Pharmaceutics
12.	2 <sup>ND</sup> WEEK OF JANUARY 2020	<b>II/IV/VI Semester Classes begin for B. Pharm and II/IV Sem for M.Pharm (RS5)</b>
13.	3 <sup>RD</sup> WEEK OF JANUARY 2020	Faculty development program by Dept. Pharmacy Practice
14.	1 <sup>ST</sup> WEEK OF FEBRUARY 2020	<b>II-Sessional Examination for IV-year B Pharm (RS4), I-V Pharm D(RS2), I &amp; II Pharm D PB(RS).</b>
15.	2 <sup>nd</sup> WEEK OF FEBRUARY 2020	Seminar by Department of Pharmacognosy
16.	4 <sup>TH</sup> WEEK OF MARCH 2020	<b>I-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)</b>
17.	4 <sup>TH</sup> WEEK OF MARCH 2020 (31 <sup>ST</sup> MARCH 2020)	<b>Last date for submission of M. Pharm IV Sem Dissertation to RGUHS</b>
18.	3 <sup>RD</sup> WEEK OF APRIL 2020	<b>III Sessional Examination for IV-year B. Pharm, I-V Pharm D, I &amp; II Pharm D PB</b>
19.	3 <sup>RD</sup> WEEK OF APRIL 2020	Faculty development program by Department of Pharmaceutical Chemistry
20.	4 <sup>TH</sup> WEEK OF APRIL 2020	<b>II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M. Pharm (RS5)</b>
21.	1 <sup>ST</sup> WEEK OF MAY 2020	Finalization of Internal Assessment Marks for IV-year BPharm, I-V Pharm D, I&II Pharm D PB and II/IV/VI semester B. Pharm (RS5) and II



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
 ☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
 e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**  
(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

		<b>Sem M. Pharm (RS5)</b>
22.	2 <sup>ND</sup> WEEK OF MAY 2020	Last Working Day of Academic Year 2019-20 For IV-year B. Pharm (RS4), I-V Pharm D(RS2), I & II Pharm D PB (RS) and II/IV/VI Semester B. Pharm (RS5) and II Sem M. Pharm (RS5)
23.	4 <sup>th</sup> WEEK OF MAY 2020	<b>RGUHS semester Exam for B. Pharm (RS5) II/IV/VI Semester and M.Pharm (RS5) II semester</b>
24.	4 <sup>th</sup> WEEK OF MAY 2020	<b>RGUHS Annual Exam for IV-year B. Pharm, I-V Pharm D, I &amp; II Pharm D PB</b>
25.	3 <sup>rd</sup> WEEK OF JUNE 2020	Seminar by Department of Pharmacology
26.	2 <sup>nd</sup> WEEK OF JULY 2020	Faculty development program by Department of Pharmacognosy
27.	3 <sup>rd</sup> WEEK OF JULY 2020	<b>Completion of Hospital internship of VI PharmD and III PB students</b>

*P. Padma*  
Principal

**PRINCIPAL**

The Oxford College Of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



### CIRCULAR/NOTICE

This is to inform that I-Sessional Examination will commence from 09/10/2019 to 15/10/2019.

#### I-SESSIONAL EXAMINATION OF I, III AND V SEM OF B. PHARM (RS5)/I AND III SEM M. PHARM(RS5).

I SEM B Pharm - 09/10/2019 to 15/10/2019

III SEM B Pharm - 09/10/2019 to 15/10/2019

V SEM B Pharm - 09/10/2019 to 15/10/2019

I SEM M Pharm - 09/10/2019 to 15/10/2019

III SEM M Pharm - 15/10/2019

Theory and practical exam schedule will be circulated shortly

#### Copy to

Notice board.

All HODs

#### Please Note:

- University Reg No along with Roll No. has to be mentioned on top of Bluebook by the concerned Subject Teacher and booklets has to be distributed according to the roll no. to the respective rooms.
- Concerned Subject Teacher has to handover Booklets to respective Invigilators before 30 mts of the commencement of exam.
- Concerned Subject Teacher has to take responsibility to file Question Paper and Attendance Statement.
- Seating Arrangement should be followed strictly.
- Invigilators should reach Exam Hall before 10 minutes. Invigilator should adjust Duty in absence.

Dean Exam

Mrs. Lavanya N

Dean Academic

Dr. Parthasarathy G

Principal

Dr. Padmaa M Paarakh

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## I SESSIONAL THEORY TIME TABLE FOR I SEM M PHARM PHARMACOLOGY (OCTOBER 2019)

Date	Time	Subject
19/10/19	10:00-11:00 am	Modern Pharmaceutical Analysis
10/10/19	10:00-11:00 am	Advance Pharmacology-I
12/10/19	10:00-11:00 am	Pharmacological and Toxicological Screening Methods-I
15/10/19	10:00-11:00 am	Cell and Molecular Pharmacology

## I SESSIONAL PRACTICAL TIME TABLE FOR I SEM M PHARM PHARMACOLOGY (OCTOBER 2019)

Date	Subject	Batch	Time
11/10/19	Pharmacology-I	I	9:00-03:00 PM
14/10/19	Modern Pharmaceutical Analysis	I	9:00-12:00 PM

Dean Exam

Mrs. Lavanya N

Dean Academic

Dr. Parthasarathy G

Principal

Dr. Padmaa M Paarakh

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

M. PHARM RS5 SEMESTER - I			
SESSIONAL EXAM (Internal Assessment) - I			
Date of Exam: 09/10/2019			
SUBJECT CODE:	MPA101T	TOTAL MARKS	30
SUBJECT NAME:	Morden Pharmaceutical Analysis	EXAM HRS.	1 hour 10.00 to 11.00 AM
<ul style="list-style-type: none"> <li><b>COURSE OBJECTIVE:</b> The Objective of this course is to</li> <li><b>Educate</b> students to have sound knowledge in Pharmaceutical formulation &amp; development and to attain skills required in pharmacy profession.</li> <li>To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Research and formulation development and also to pursue PhD.</li> <li>To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutics, Cosmetics, Pharmaceutical Analysis, Drug regulatory affairs, drug design etc.</li> </ul>			
I LONG ESSAYS (ANSWER ALL) 4X7.5 = 30 MARKS	Marks	CO	Bloom's Taxonomy Level *
1. What is fragmentation? Explain the following by taking a simple example. a) Fragmentation Peak b) Molecular ion peak c) Base Peak d) Isotopic peak e) Meta stable peak	7.5	CO (3)	L1
2. Write a note on Coupling & decoupling methods in NMR Spectroscopy.	7.5	CO (3)	L2
3. Discuss electronic Impact & Chemical Impact of Ionization technique in mass spectroscopy.	7.5	CO (3)	L1
4. Write the principle of IR Spectroscopy and Discuss the factors affecting the vibration frequency.	7.5	CO (4)	L1
# {e.g. CO (1), PO (1-3,8,11), PSO (1,2)} * (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge) , L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating			
COURSE OUTCOMES			
CO1	The analysis of various drugs in single dosage form		
CO2	The analysis of various drugs in combination dosage form		
CO3	Theoretical skills of the instrumentation		
CO4	Understand the applications of various advance analytical techniques		



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

M. PHARM RS5 SEMESTER - 1			
SESSIONAL EXAM (Internal Assessment) - I			
Date of Exam: 11/10/19			
<b>SUBJECT CODE:</b>	MPA101P	<b>TOTAL MARKS</b>	40
<b>SUBJECT NAME:</b>	MORDEN PHARMACEUTICAL ANALYSIS	<b>EXAM HRS.</b>	3 hours 9.00AM to 12.00 PM
<ul style="list-style-type: none"> <li>• <b>COURSE OBJECTIVE:</b> The Objective of this course is to</li> <li>• <b>Educate</b> students to have sound knowledge in Pharmaceutical formulation &amp; development and to attain skills required in pharmacy profession.</li> <li>• To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Pharmaceutical Industries, Research and formulation development and also to pursue PhD.</li> <li>• To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmaceutics, Cosmetics, Pharmaceutical Analysis, Drug regulatory affairs, drug design etc.</li> </ul>			
<b>I. SYNOPSIS- 10 MARKS</b>		<b>Marks</b>	<b>CO</b>
			<b>Bloom's Taxonomy Level *</b>
1. Write the solvent effect on $\lambda_{max}$	4	CO (2)	L1
2. What is Cutt-Off value & Isobestic point	2	CO (1)	L1
3. Write Principle of Flourimetry	4	CO (4)	L1, L3
<b>II. EXPERIMENT- 25 MARKS</b>			
<b>Major</b> —perform the Simultaneous estimation of Paracetamol & ibuprofen from the unknown sample by using UV spectrophotometer and report it.	25	CO (1,3)	L1, L3, L5
<b>III. VIVA VOCE – 5 MARKS</b>	5		
<b>IV. RECORD – 1.5 MARKS</b>	1.5		
<b>V. ATTENDANCE – 2 MARKS</b>	2		
<b>VI. VIVA AGGREGATE MARKS– 1.5 MARKS</b>	1.5		
# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} * (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating			
<b>COURSE OUTCOMES</b>			
<b>CO1</b>	Practical skills of the instrumentation.		
<b>CO2</b>	The analysis of various drugs in single dosage form		
<b>CO3</b>	The analysis of various drugs in combination dosage form		
<b>CO4</b>	Understand the applications of various advance analytical techniques		



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## RESULT ANALYSIS

As per the discussion with the HODs and dean examination, after the first sessional result declaration the students were grouped as slow/neutral/advanced learners. The basis of selection of slow/neutral/advanced learners are based on the marks obtained (<50 %-slow learners; >50%-<80%-neutral learners; >80%-advanced learners) by the students in the first sessional. The Subject Teacher will responsible to carry out the classes and periodic tests for the slow learners and at the end of the session, the subject teachers are required to submit the remedial attendance in which the conversion ratio has to be given for slow to neutral and advanced learners.

The conversion of the slow learners to the neutral and advanced learners are summarised as follows:

### M.PHARM

No slow learners identified for any subjects.

#### I SEMESTER B Pharm:

##### 1. Human Anatomy and Physiology:

36 slow learners were identified during I sessional examination, after remedial classes 15 students are turned to neutral learners and 2 turned into advanced learners.

##### 2. Pharmaceutical Analysis:

33 slow learners were identified during I sessional examination, after remedial classes 9 students are turned to neutral learners and 2 turned into advanced learners.

##### 3. Pharmaceutics

12 slow learners are identified during I sessional examination, after remedial classes 5 students turned into neutral learners.

##### 4. Pharmaceutical Inorganic Chemistry:

6 slow learners are identified during I sessional examination, after remedial classes 2 students turned to neutral learners.







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CALENDER OF EVENTS-ACADEMIC YEAR 2018-2019

### B. PHARM, M. PHARM, PHARM.D, PHARM.D(P.B)

1	30 <sup>th</sup> JULY 2018	Commencement of Classes for B. Pharm, M. Pharm, Pharm D, Pharm D(PB) except 1 <sup>st</sup> Year of all course
2	2 <sup>ND</sup> WEEK OF AUGUST 2018 (8 <sup>th</sup> AND 9 <sup>TH</sup> Aug 2018)	Inauguration & Orientation Commencement of Classes for I Year (Isem) B. Pharm, M. Pharm and I Year PharmD, Pharm D (PB)
3	2 <sup>ND</sup> WEEK OF AUGUST 2018	Faculty development program by Department of Pharmaceutical chemistry
4	3 <sup>RD</sup> Week of SEP 2018	Guest Lecture by Department of Pharmaceutics
5	4 <sup>th</sup> Week of SEP 2018	Seminar by Department of Pharmaceutical Chemistry
6	1 <sup>st</sup> WEEK OF OCTOBER 2018	<b>I and III Sem/I-Sessional Examination of BPharm, M. Pharm (RS5)</b>
7	2 <sup>nd</sup> WEEK OF OCTOBER 2018	<b>I-Sessional Examination of III-IV B Pharm (RS4), I-V PharmD(RS2), I &amp; II PharmD PB(RS).</b>
8	4 <sup>th</sup> WEEK OF OCTOBER 2018	Seminar by Department of Pharmaceutics
9	4 <sup>TH</sup> WEEK OF NOVEMBER 2018	<b>RGUHS Supplementary Exam for B. Pharm, M. Pharm, PharmD</b>
10	2 <sup>ND</sup> WEEK OF DECEMBER 2018	<b>I and III sem / II-Sessional Examination of B. Pharm, M. Pharm (RS5)</b>
11	4 <sup>TH</sup> WEEK OF DECEMBER 2018	<b>RGUHS B. Pharm and M. Pharm (RS5) I/III Semester Exam</b>
12	2 <sup>ND</sup> WEEK OF JANUARY 2019	II Semester Classes begins for B. Pharm and M. Pharm (RS5)
13	2 <sup>ND</sup> WEEK OF JANUARY 2019	Faculty development program by Department of Pharmaceutics.
14	2 <sup>ND</sup> WEEK OF JANUARY 2019	Seminar by Department of Pharmacognosy
15	3 <sup>rd</sup> week of JANUARY 2019	Guest Lecture by Department of Pharmaceutics
16	4 <sup>TH</sup> WEEK OF JANUARY 2019	<b>II-Sessional Examination for III-IV B Pharm (RS4), I-V PharmD(RS2), I &amp; II Pharm D PB(RS).</b>
17	2 <sup>ND</sup> WEEK OF FEB 2019	Guest Lecture by Department of Pharmacognosy
18	1 <sup>st</sup> WEEK OF MARCH 2019	Soft skill program by Department of Pharmacognosy
19	3 <sup>RD</sup> WEEK OF MARCH 2019	Guest Lecture by Department of Pharmacology
20	3 <sup>RD</sup> WEEK OF MARCH 2019	Counseling program for I year students



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

21	4 <sup>TH</sup> WEEK OF MARCH 2019	II and IV <sup>th</sup> Sem/I Sessional Exam of B.Pharm, M.Pharm (RS5)
22	3 <sup>RD</sup> WEEK OF APRIL 2019	III Sessional Examination for II-IV B. Pharm, I-V Pharm D, I & II Pharm D PB
23	3 <sup>RD</sup> WEEK OF APRIL 2019	Guest Lecture by Department of Pharmacy Practice
24	4 <sup>TH</sup> WEEK OF APRIL 2019	II and IV <sup>th</sup> sem /II Sessional Exam BPharm, M. Pharm (RS5)
25	1 <sup>ST</sup> WEEK OF MAY 2019	Finalization of Internal Assessment Marks for III-IV BPharm, I-V Pharm D, I&II Pharm D PB
26	2 <sup>ND</sup> WEEK OF MAY 2019	Last Working Day of Academic Year 2018-19 For III-IV year B. Pharm, I-V Pharm D, I & II Pharm D PB and II/IV semester B.Pharm and M.Pharm (RS5)
27	2 <sup>ND</sup> WEEK OF MAY 2019	Workshop by Department of Pharmacognosy
28	3 <sup>RD</sup> WEEK OF MAY 2019	Faculty development program by Department of Pharmacognosy
29	3 <sup>RD</sup> WEEK OF MAY 2019	Seminar by Department of Pharmacy Practice
30	4 <sup>th</sup> WEEK OF MAY 2019	Finalization of Internal Assessment Marks for Even Sem M. Pharm and B. pharm
31	4 <sup>th</sup> WEEK OF MAY 2019	Submission of M. Pharm Dissertation to RGUHS
32	1 <sup>ST</sup> WEEK OF JUNE 2019	RGUHS B. Pharm and M. Pharm (RS5) II/IV Semester Exam
33	1 <sup>ST</sup> WEEK OF JUNE 2019	RGUHS Annual Exam For III-IV B. Pharm, I-V Pharm D, I & II Pharm D PB
34	3 <sup>RD</sup> WEEK OF JULY 2019	Completion of Hospital internship of VI Pharm D and III PB students

*P. Padma*  
Principal

**PRINCIPAL**

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; www.theoxford.edu  
e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## CIRCULAR/NOTICE

This is to inform that I-Sessional examination will commence from 09/10/18 to 23/10/18 for

- I. Pharm D - 09/10/18 to 16/10/18
- II. Pharm D - 09/10/18 to 16/10/18
- III. Pharm D - 09/10/18 to 16/10/18
- IV. Pharm D - 09/10/18 to 17/10/18
- I. PB - 09/10/18 to 17/10/18
- V. Pharm D/ II. PB - 09/10/18 to 12/10/18
- III B. Pharm - 09/10/18 to 20/10/18
- IV B. Pharm - 09/10/18 to 23/10/18

Theory and practical exam schedule will be circulated shortly.

### Copy to

- (i) Notice board.
- (ii) All HODs

### Please Note:

- University Reg No along with Roll No. has to be mentioned on top of Bluebook by the concerned Subject Teacher and booklets has to be distributed according to the roll no. to the respective rooms.
- Concerned Subject Teacher has to handover Booklets to respective Invigilators before 30mts of the commencement of exam.
- Concerned Subject Teacher has to take responsibility to file Question Paper and Attendance Statement.
- Seating Arrangement should be followed strictly.
- Invigilators should reach Exam Hall before 10 minutes. Invigilator should adjust Duty in absence.

DEAN EXAM

Mrs. Lavanya N

DEAN ACADEMICS

Dr. G. Parthasarathy

PRINCIPAL

Dr. Padmaa M Paarakh

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068







Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## I SESSIONAL TIME TABLE FOR I PHARM D (OCT 2018)

Date	Time	Subject
09/10/2018	02.00-03.30pm	Human anatomy and Physiology
10/10/2018	02.00-03.30pm	Pharmaceutics
12/10/2018	02.00-03.30pm	Medicinal Biochemistry
15/10/2018	10.00-11.30am	Pharmaceutical Inorganic Chemistry
16/10/2018	02.00-03.30pm	Pharmaceutical Organic Chemistry

## I Sessional Practical Time Table for I Pharm D

Date	Subject	Batch	Time
09/10/2018 Tuesday	Pharmaceutical Organic Chemistry	I	9:00-12:00 PM
10/10/2018 Wednesday	Pharmaceutical Inorganic Chemistry	I	9:00-12:00 PM
11/10/2018 Thursday	Human anatomy and Physiology	I	9:00-12:00 PM
11/10/2018 Thursday	Pharmaceutics	I	9:00-12:00 PM
12/10/2018 Friday	Medicinal Biochemistry	I	9:00-12:00 PM

DEAN EXAM

Mrs. Lavanya N

DEAN ACADEMICS

Dr. G. Parthasarathy

PRINCIPAL

Dr. Padmaa M Paarakh

PRINCIPAL

The Oxford College Of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## I-PHARM D RS2

### SESSIONAL EXAM (Internal Assessment) - I

Date of Exam: 16/10/2018

<b>SUBJECT CODE:</b>	<b>PHAD2A04Th</b>	<b>TOTAL MARKS</b>	<b>30</b>
<b>SUBJECT NAME:</b>	<b>PHARMACEUTICAL ORGANIC CHEMISTRY</b>	<b>EXAM HRS.</b>	<b>1 hour 30min. 02.00 to 03.30 PM</b>

**COURSE OBJECTIVE:** The Objective of this course is to

- Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.
- To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.

<b>I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Explain the mechanism, rate, kinetics and stereochemistry of SN reactions.	10	CO(3)	L1
2. Give the reaction and mechanism involved in free radical substitution of alkanes.	10	CO(3)	L1
<b>II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS</b>			
3. Discuss the Baeyer's strain theory. Explain its limitations	5	CO(3)	L1
4. Give any four preparations of cycloalkanes?	5	CO(3)	L1
5. What are isomers? Classify with examples	5	CO(2)	L1
<b>III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS</b>			
6. Define polarity with examples.	2	CO(2)	L1
7. Give the Lewis theory of acid and bases.	2	CO(2)	L1
8. Give the structure of a) acetone b) acetamide.	2	CO(1)	L3
9. Write a note on hydrogen bonding.	2	CO(2)	L1
10. Write a note on effect of nucleophile on SN1 and SN2 reactions.	2	CO(3)	L4

# {e.g. CO (1), PO (1-3,8,11), PSO (1,2)} \* (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating

### COURSE OUTCOMES

CO1	To understand IUPAC/Common system of nomenclature of simple organic compounds belonging to different classes of organic compounds.
CO2	To know some important physical properties of organic compounds.
CO3	To understand free radical/ nucleophilic [alkyl/ acyl/ aryl] / electrophilic substitution, free radical/ nucleophilic / electrophilic addition, elimination, oxidation and reduction reactions with mechanism, orientation of the reaction, order of reactivity, stability of compounds.
CO4	To know some named organic reactions with mechanisms.
CO5	To know methods of preparation, test for purity, principle involved in the assay, important medicinal uses of some important organic compounds.



**Children's Education Society (Regd.)**  
**The Oxford College of Pharmacy**  
 (Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
 Approved by Pharmacy Council of India, New Delhi)  
**Accredited by NAAC and International Accreditation Organization (IAO)**

I PHARM D RS2 SESSIONAL EXAM (Internal Assessment) - I Date of Exam: 09/10/2018			
SUBJECT CODE:	PHAD2A04Pr	TOTAL MARKS	30
SUBJECT NAME:	PHARMACEUTICAL ORGANIC CHEMISTRY BATCH: I	EXAM HRS.	9 AM to 12 PM
<b>COURSE OBJECTIVE:</b> The Objective of this course is to			
<ul style="list-style-type: none"> <li>• Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.</li> <li>• To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.</li> <li>• To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.</li> </ul>			
<b>I.SYNOPSIS- 10 MARKS</b>	<b>Marks</b>	<b>CO</b>	<b>Bloom's Taxonomy Level *</b>
1. Explain the principle involved in the preparation of acetanilide	3	CO(5)	L2
2. Define carbocation and classify	1	CO(3)	L2
<b>II.EXPERIMENT-25 MARKS</b>			
<b>Major</b> Identify the given unknown organic compound by qualitative analysis	8	CO(5)	L4
<b>Minor</b> Prepare and submit acetanilide from aniline	5	CO(5)	L6
<b>III.VIVA VOCE- 3 MARKS</b>	3		
<b>IV. RECORD - 2 MARKS</b>	2		
<b>V. ATTENDANCE - 4 MARKS</b>	4		
<b>VI. VIVA AGGREGATE MARKS- 4 MARKS</b>	4		
# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} * (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating			
<b>COURSE OUTCOMES</b>			
CO1	To understand IUPAC/Common system of nomenclature of simple organic compounds belonging to different classes of organic compounds.		
CO2	To know some important physical properties of organic compounds.		
CO3	To understand free radical/ nucleophilic [alkyl/ acyl/ aryl] / electrophilic substitution, free radical/ nucleophilic / electrophilic addition, elimination, oxidation and reduction reactions with mechanism, orientation of the reaction, order of reactivity, stability of compounds.		
CO4	To know some named organic reactions with mechanisms.		
CO5	To know methods of preparation, test for purity, principle involved in the assay, important medicinal uses of some important organic compounds.		





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

I-PHARM D RS2 SESSIONAL EXAM (Internal Assessment) - II Date of Exam: 25/01/2019			
SUBJECT CODE:	PHAD2A04Th	TOTAL MARKS	30
SUBJECT NAME:	Pharmaceutical Organic Chemistry	EXAM HRS.	1 hour 02.00 to 03.30 AM
<b>COURSE OBJECTIVE:</b> The Objective of this course is to <ul style="list-style-type: none"> <li>• Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.</li> <li>• To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.</li> <li>• To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.</li> </ul>			
I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS	Marks	CO	Bloom's Taxonomy Level *
1. Explain the mechanism, kinetics and orientation involved in E1 and E2 reaction	10	CO(3)	L1
2. Explain 1,2 and 1,4 additions in conjugated dienes with mechanism. Add a note on effect of temperature	10	CO(3)	L1
II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARK	Marks	CO	Bloom's Taxonomy Level *
3. Explain the reaction and mechanism involved in peroxide effect.	5	CO(4)	L1
4. Describe the mechanism involved in dehydration of alcohols.	5	CO(3)	L1
5. Explain the stability of conjugated dienes.	5	CO(2)	L1
III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS	Marks	CO	Bloom's Taxonomy Level *
6. State Saytzeff rule.	2	CO(2)	L1
7. Give one example of free radical halogenation of alkenes.	2	CO(2)	L1
8. What you mean by activating and deactivating groups	2	CO(2)	L1
9. Which is more stable trans-2-butene or cis-2-butene. Why?	2	CO(3)	L1
10. Define and classify electrophiles with examples	2	CO(2)	L1
# {e.g. CO (1), PO (1-3,8,11), PSO (1,2)} * (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating			
COURSE OUTCOMES			
CO1	To understand IUPAC/Common system of nomenclature of simple organic compounds belonging to different classes of organic compounds.		
CO2	To know some important physical properties of organic compounds.		
CO3	To understand free radical/ nucleophilic [alkyl/ acyl/ aryl] / electrophilic substitution, free radical/ nucleophilic / electrophilic addition, elimination, oxidation and reduction reactions with mechanism, orientation of the reaction, order of reactivity, stability of compounds.		
CO4	To know some named organic reactions with mechanisms.		
CO5	To know methods of preparation, test for purity, principle involved in the assay, important medicinal uses of some important organic compounds.		



Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

I PHARM D RS2 SESSIONAL EXAM (Internal Assessment) - II Date of Exam: 22/01/2019			
SUBJECT CODE:	PHAD2A04Pr	TOTAL MARKS	30
SUBJECT NAME:	PHARMACEUTICAL ORGANIC CHEMISTRY BATCH: I	EXAM HRS.	9 PM to 12 PM
<b>COURSE OBJECTIVE:</b> The Objective of this course is to <ul style="list-style-type: none"> <li>Educate students to have sound knowledge and to impart skills necessary for contribution to quality use of medicines, pathophysiology and therapeutics of various diseases. To enable the student to understand the pathophysiology of common diseases and their management in pharmaceutical sciences and to attain skills required in pharmacy profession.</li> <li>To afford students with proficiency of technical skills in various area of subjects in pharmaceutical sciences and enabling them to fulfill the requirements of Community and Hospital Pharmacy, Pharmacovigilance, Clinical research and also to pursue higher studies.</li> <li>To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacotherapeutics, Pathophysiology, Pharmaceutical formulations, pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.</li> </ul>			
<b>I.SYNOPSIS- 10 MARKS</b>		<b>Marks</b>	<b>CO</b>
1. Explain the principle involved in the preparation of M-dinitro benzene		3	CO(5)
2. Define carbenes and classify		1	CO(3)
			<b>Bloom's Taxonomy Level *</b>
			L2
			L2
<b>II.EXPERIMENT-25 MARKS</b>			
<b>Major</b> Identify the given unknown organic compound by qualitative analysis		8	CO(5)
<b>Minor</b> Prepare and submit Dibenzylideneacetone		5	CO(5)
			L4
			L6
<b>III.VIVA VOCE- 3 MARKS</b>			
		3	
<b>IV. RECORD - 2 MARKS</b>			
		2	
<b>V. ATTENDANCE - 4 MARKS</b>			
		4	
<b>VI. VIVA AGGREGATE MARKS- 4 MARKS</b>			
		4	
# {e.g. CO(1), PO (1-3,8,11), PSO (1,2)} * (e.g.L1, L2) Note: Bloom's taxonomy has 6 levels which are: L1 Remembering (Knowledge), L2 Understanding (Comprehension), L3 Applying, L4 Analyzing, L5 Evaluating and L6 Creating			
<b>COURSE OUTCOMES</b>			
CO1	To understand IUPAC/Common system of nomenclature of simple organic compounds belonging to different classes of organic compounds.		
CO2	To know some important physical properties of organic compounds.		
CO3	To understand free radical/ nucleophilic [alkyl/ acyl/ aryl] / electrophilic substitution, free radical/ nucleophilic / electrophilic addition, elimination, oxidation and reduction reactions with mechanism, orientation of the reaction, order of reactivity, stability of compounds.		
CO4	To know some named organic reactions with mechanisms.		
CO5	To know methods of preparation, test for purity, principle involved in the assay, important medicinal uses of some important organic compounds.		



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## RESULT ANALYSIS

As per the discussion with the HODs and dean examination, after the first sessional result declaration the students were grouped as slow/neutral/advanced learners. The basis of selection of slow/neutral/advanced learners are based on the marks obtained (<50 %-slow learners; >50%-<80%-neutral learners; >80%-advanced learners) by the students in the first sessional. The Subject Teacher will responsible to carry out the classes and periodic tests for the slow learners and at the end of the session, the subject teachers are required to submit the remedial attendance in which the conversion ratio has to be given for slow to neutral and advanced learners.

The conversion of the slow learners to the neutral and advanced learners are summarised as follows:

## I PHARM D

### 1. HUMAN ANATOMY AND PHYSIOLOGY

7 slow learners are identified during I sessional examination, after remedial classes 3 students turned into neutral learners. and after the II sessional 2 students turned into neutral learners and 1 student turned into advanced learners.

### 2. PHARMACEUTICS

5 slow learners are identified during I sessional examination, after remedial classes 1 student turned into neutral learners. and after the III sessional 3 students turned into neutral learners and 1 student turned into advanced learners.

### 3. MEDICINAL BIOCHEMISTRY

3 slow learners are identified during I sessional examination, after remedial classes 2 student turned into advanced learners. And after the III sessional all the 3 students turned into neutral and advanced learners.

### 4. PHARMACEUTICAL ORGANIC CHEMISTRY

6 slow learners are identified during I sessional examination, after remedial classes 1 student turned into neutral learners. And after the III sessional all 4 students turned into neutral learners.

### 5. PHARMACEUTICAL INORGANIC CHEMISTRY

4 slow learners are identified during I sessional examination, after remedial classes 1 student turned into neutral learners. And after the III sessional all 3 students turned into neutral learners.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Academic audit Report odd semesters 2021-22

(April 2022)

### **PREAMBLE:**

Academic audit was done by Academic Audit Committee led by Dean Academics at the end of odd semester for UG and PG courses in April 2022.

In the commencement of Academic year, the academic audit committee examined and approved the plan of study duly verified by respective Head of the department in accordance with the current syllabus issued by RGUHS.

At the end of odd semester after two sessional exams for B. Pharm and M. Pharm, both are UG and PG courses respectively, were evaluated for Plan of study and lesson plan adherence.

Two departments of The Oxford College of Pharmacy viz., Pharmaceutical Chemistry and Pharmacognosy related lesson plans were verified for the adherence and compliance with the preapproved Plan of study.

In the Department of Pharmaceutical Chemistry total 5 theory and 4 practical subjects were taught for B. Pharm UG course in odd semester. Out of 5 theory subjects, in 4 subjects no deviations found in plan of teaching but in 1 subject of I semester, Pharmaceutical Analysis-I, (BP102T) extra hours were utilized to complete the syllabus. The respective department was advised to comply with the plan of study strictly from next semester. In all other practical subjects, no deviation was found from the plan of study.

In the Department of Pharmacognosy total 2 theory and 2 practical subjects were taught for B. Pharm UG course in odd semester. In all 2 theory subjects Pharmaceutical microbiology III sem B.Pharm (BP303T) and Pharmacognosy and photochemistry-II V semester (BP504T) slight deviations found in plan of teaching, extra hours were utilized to complete the syllabus. The respective department was advised to comply with the plan of study strictly from next semester. In all other practical subjects, no deviation was found from the plan of study.

Continuous performance Assessment (CPA) cards were verified for adherence and the periodic conduct of class tests, assignments and viva voce. There was no deviation observed in conduct of CPA in any of the subject.

The overall result analysis for B. Pharm I semester showed result percentage of below 59% was 4.6% in pharmaceutical inorganic chemistry (BP104T) subject. Similarly in V Sem Pharm MC-II (BP501T) the result percentage below 59% was 6.7%. Based on overall results analysis, It was generally advised to all department that the subjects that show more percentage of students below 59% category must be focused with priority to improve through remedial classes.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu).





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

M.Pharm PG courses both Pharmaceutics and Pharmacology were evaluated and No deviation observed in lesson plan and the overall results in all theory practical were found to be 100%.

Mentor mentee documents were audited and advised to focus on candidate's weak subjects in which below 59% results were recorded and also focus on attendance percentage of students.

There was deviation in conducting Guest lectures, workshop as it was planned earlier in calendar of events were noticed in both the departments. The HODs were asked to rectify this delay and conduct programs as per the schedule from next academic year onwards.

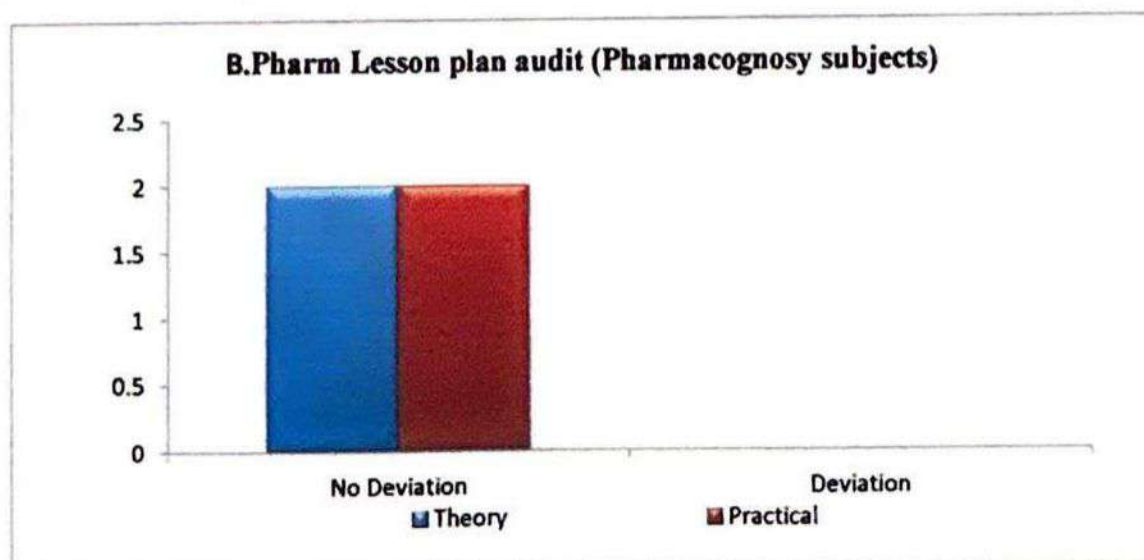
**Conclusion:**

It is observed in general in all subjects, No deviation in plan of study for conducting the course. The e-content must be enhanced further and it was advised to all departments that the preplanned pedagogy methods must be strictly followed for all subjects.

Total 17 subjects taught in odd semester B.Pharm in which 3 subjects were shown deviation

But It was concluded that the deviation noticed in Department of Pharmaceutical chemistry and Pharmacognosy handled subjects, in which extra 3 classes were used and it was due to elaborate the subject in depth as it was requested by students.

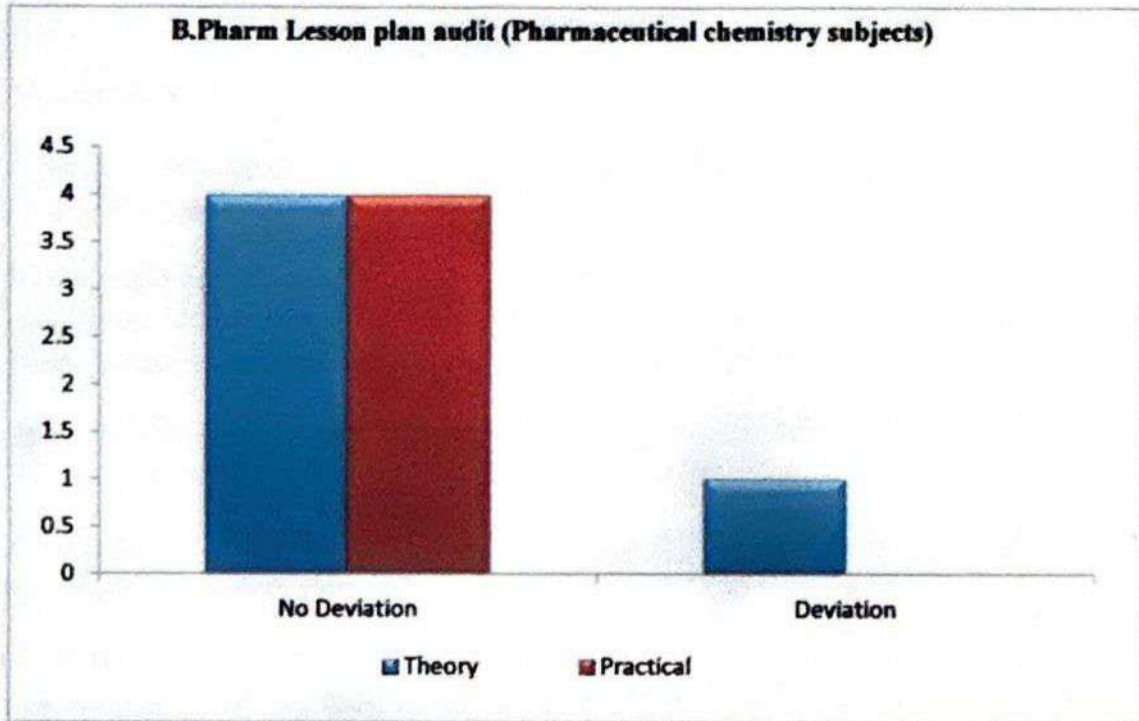
The deviations observed in odd semester were brought to notice of all faculties and asked to comply with the plan of study and accordingly corrective and preventive measures were enforced with the approval of Dean Academics and The Principal.





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)



  
Dean Academics

  
Principal

**PRINCIPAL**  
The Oxford College of Pharmacy  
No 6/9, 1st Cross, Begur Road, Hongasandra  
Bangalore - 560 068







Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

### Academic audit Report Annual and Even semesters 2021-22

(Nov 2022)

#### **PREAMBLE:**

Academic audit was performed by Academic audit committee headed by dean academics at the end of even semester for all UG and PG courses in Nov 2022.

In the beginning of academic year and at the end of Odd semester, the academic audit committee scrutinized and approved the plan of study duly verified by respective department Heads in accordance with the current syllabus issued by RGUHS.

At the end of even semester after two sessional exams for B.Pharm and M.Pharm, both are UG and PG courses respectively, were evaluated for Plan of study and lesson plan adherence.

Also three sessional were completed for Annual UG courses PharmD and PharmD PB at the end of Nov 2022 were also evaluated.

Three departments of The oxford college of Pharmacy, Pharmaceutical chemistry, Pharmacy practice, Pharmaceutics related lesson plans were verified for the adherence and compliance with the preapproved Plan of study.

In the department of Pharmaceutical chemistry total 6 theory and 4 practical subjects were taught for B.Pharm UG course in even semester. Out of 6 theory subjects, in all 6 subjects no deviations found in plan of teaching. But ICT tools and e-contents were not adequately utilized for teaching. The respective department was advised to comply with the plan of study strictly from next semester. In all other practical subjects no deviation were found from the plan of study.

In the department of Pharmacy practice 1 subject is handled Pharmacovigilance (BP805ET) in VIII semester B.Pharm in which there was deviation of using ICT tools was found.

In the department of Pharmacology total 5 theory and 3 practical subjects were taught for B.Pharm UG course in even semester. Out of 5 theory subjects, in all no deviations found in plan of teaching but in 1 subject of II semester, Pathophysiology (BP204T), ICT tools were not utilized to complete the syllabus. In all other practical subjects no deviation were found from the plan of study. The respective department was advised to rectify the deviation and comply with the plan of study strictly from next semester.

Continuous performance Assessment (CPA) cards were verified for adherence and the periodic conduct of class tests, assignments and viva voce. There was no deviation observed in conduct of CPA in any of the subject.







Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,  
Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

The overall result analysis for B.Pharm II semester showed result percentage of below 59% was 5.5% in Biochemistry (BP203T) and 7% in HAP-II practical (BP207P). Similarly in IV sem B.Pharm POC-III (BP401T) the result percentage below 59% was 10%. Based on overall results analysis, it was generally advised to all department that the subjects that show more percentage of students below 59% category must be focused with priority to improve through remedial classes and in VIII semester the results were found satisfactory and number of candidates was above 90% in all subjects in 76% to 100% mark category.

No deviation in M.Pharm PG course classes were observed in lesson plan and the overall results in all theory practical were found to be 100%.

Mentor mentee documents were audited and advised to focus on candidates week subjects in which below 59% results were recorded also to monitor attendance percentage of students.

There was deviation in conducting preplanned Guest lectures, workshop as it was mentioned in calendar of events. This is noticed to all three departments. The HoDs were asked to rectify this delay and conduct programs as per the schedule from next academic year onwards.

### Conclusion:

It is observed in general in all subjects, the e-content must be enhanced further and it was advised to all departments that the preplanned pedagogy methods must be strictly followed for all subjects.

Deviation of using ICT tools was found in 1 theory subject out of 22 theory subjects handled in even semester B.Pharm. ICT utilization is mandated as per the plan of study. Importance and advantage of ICT usage were explained and relevant steps were initiated for implementation.

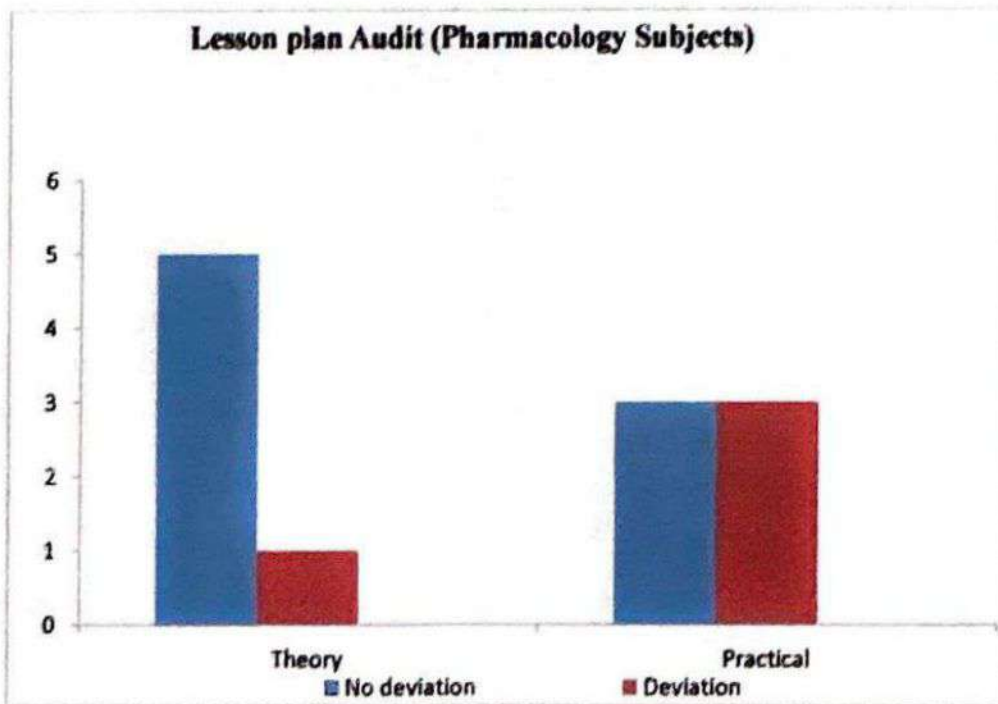
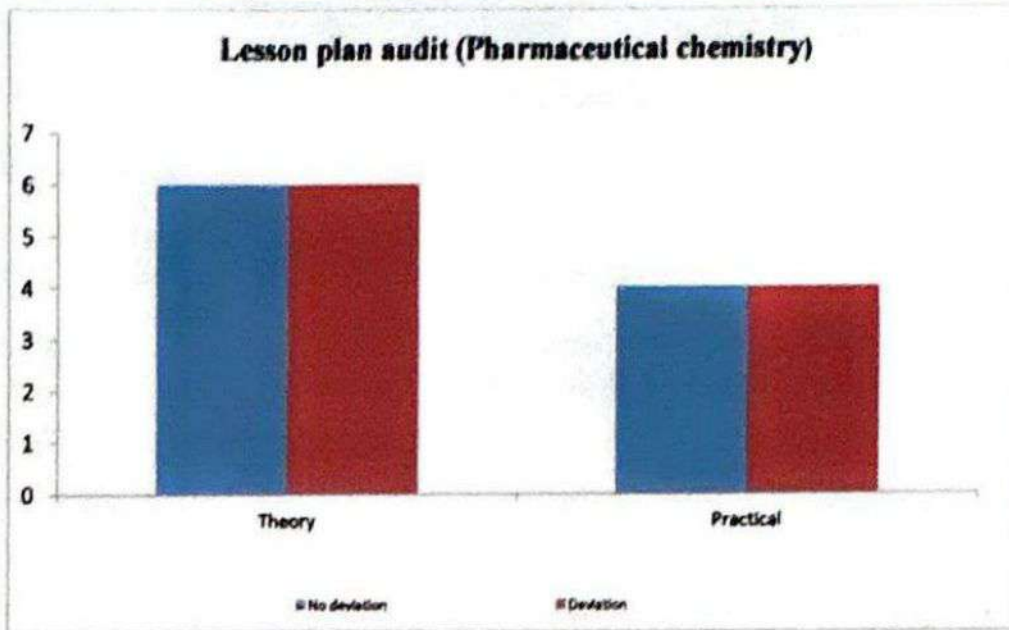
Beyond course e content were not utilized in department of pharmacy practice and in pharmacology were noticed and instructed to adopt in next semester and instructed to adopt more problem based learning in the practical part of the syllabus.

The deviations observed in odd semester were brought to notice of all faculty and asked to comply with the plan of study and accordingly corrective and preventive measures were enforced with the approval of dean academics and The Principal.



Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)



  
Dean Academics

  
Principal  
**PRINCIPAL**

The Oxford College of Pharmacy  
No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068  
☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)  
e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Academic audit Report odd semesters 2022-23

(April 2023)

### **PREAMBLE:**

Academic audit was performed by Academic audit committee headed by dean academics at the end of odd semester for all UG and PG courses in April 2023.

In the beginning of academic year the academic audit committee scrutinized and approved the plan of study duly verified by respective department Heads in accordance with the current syllabus issued by RGUHS.

At the end of odd semester after two sessional exams for B Pharm and M.Pharm, both are UG and PG courses respectively, were evaluated for Plan of study and lesson plan adherence.

Two departments of the oxford college of Pharmacy Pharmaceutics, Pharmacology related lesson plans were verified for the adherence and compliance with the preapproved Plan of study.

In the department of Pharmaceutics total 5 theory and 4 practical subjects were taught for B.Pharm UG course in odd semester. Out of 5 theory subjects, in 4 subjects no deviations found in plan of teaching but in 1 subject of I semester, Pharmaceutics-I (BT103T), extra hours were utilized to complete the syllabus. The respective department was advised to comply with the plan of study strictly from next semester. In all other practical subjects no deviation were found from the plan of study.

In the department of Pharmacology total 2 theory and 2 practical subjects were taught for B.Pharm UG course in odd semester. Out of 2 theory subjects, in 1 subject no deviations found in plan of teaching but in 1 subject of I semester, Human Anatomy and Physiology- I (BP101T), extra hours were utilized to complete the syllabus. The respective department was advised to comply with the plan of study strictly from next semester. In all other practical subjects no deviation were found from the plan of study.

Continuous performance Assessment (CPA) cards were verified for adherence and the periodic conduct of class tests, assignments and viva voce. There was no deviation observed in conduct of CPA in any of the subject.

The overall result analysis for B.Pharm I semester showed result percentage of below 59% was 6.57% in pharmaceutics –I subject (BT103T) and 4% in Pharmaceutical Inorganic chemistry (BP104T). Similarly in III sem B.Pharm POC-II (BP391T) the result percentage below 59% was 10%. Based on overall results analysis It was generally advised to all department that the subjects that show more percentage of students below 59% category must be focused with priority to improve through remedial classes.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

No deviation in M.Pharm PG course classes were observed in lesson plan and the overall results in all theory practical were found to be 100%.

Mentor mentee documents were audited and advised to focus on candidates week subjects in which below 59% results were recorded also focus on attendance percentage of students.

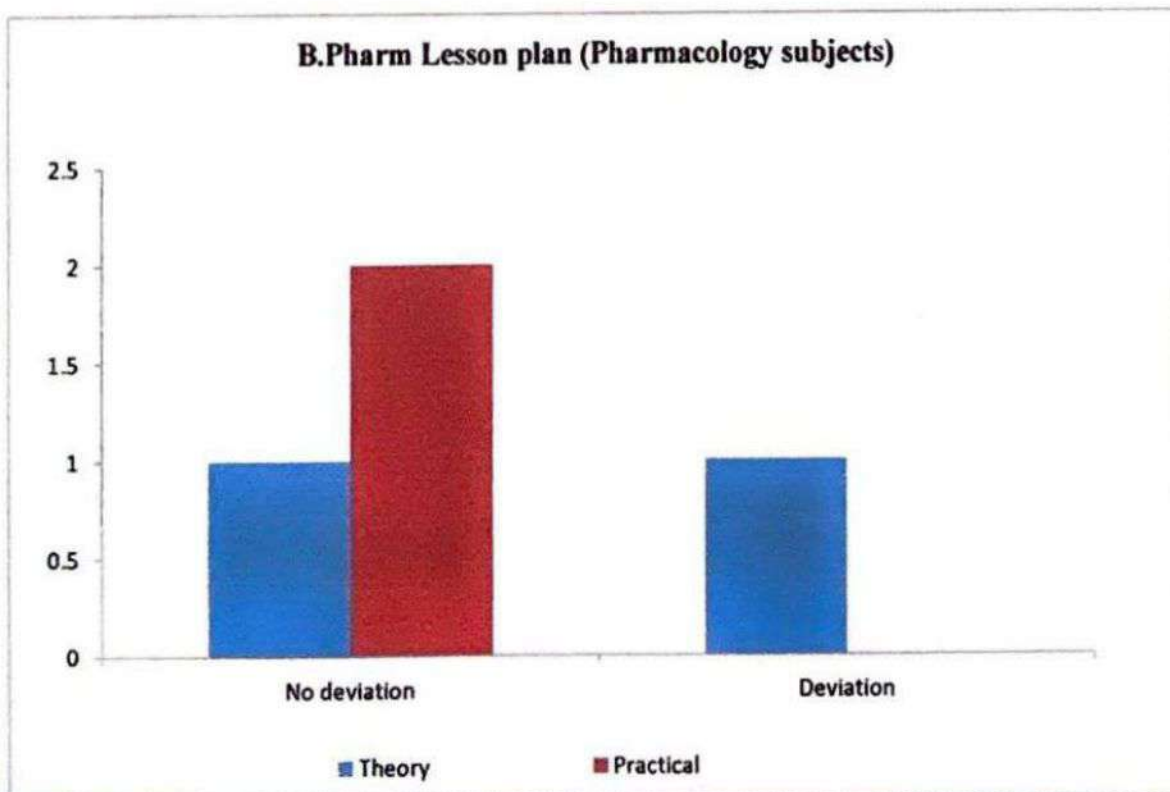
There was no deviation in conducting Guest lectures, workshop as it was planned earlier in calendar of events were noticed in all departments but there was a delay in scheduling the events. The HoDs were asked to rectify this delay and conduct programs as per the schedule from next academic year onwards.

**Conclusion:**

It is observed in general in all subjects, No deviation in Time table for conducting the course. The e-content must be enhanced further and it was advised to all departments that the preplanned pedagogy methods must be strictly followed for all subjects.

Total 17 subjects taught in odd semester B.Pharm in which 2 subjects were shown deviation. The extra hours were taught based on the request of advanced learners. As it was no way affected the plan of teaching considered as no deviation.

The ICT tools usage deviations observed in odd semester were brought to notice of all faculties and asked to comply with the plan of study and accordingly corrective and preventive measures were enforced with the approval of dean academics and The Principal.





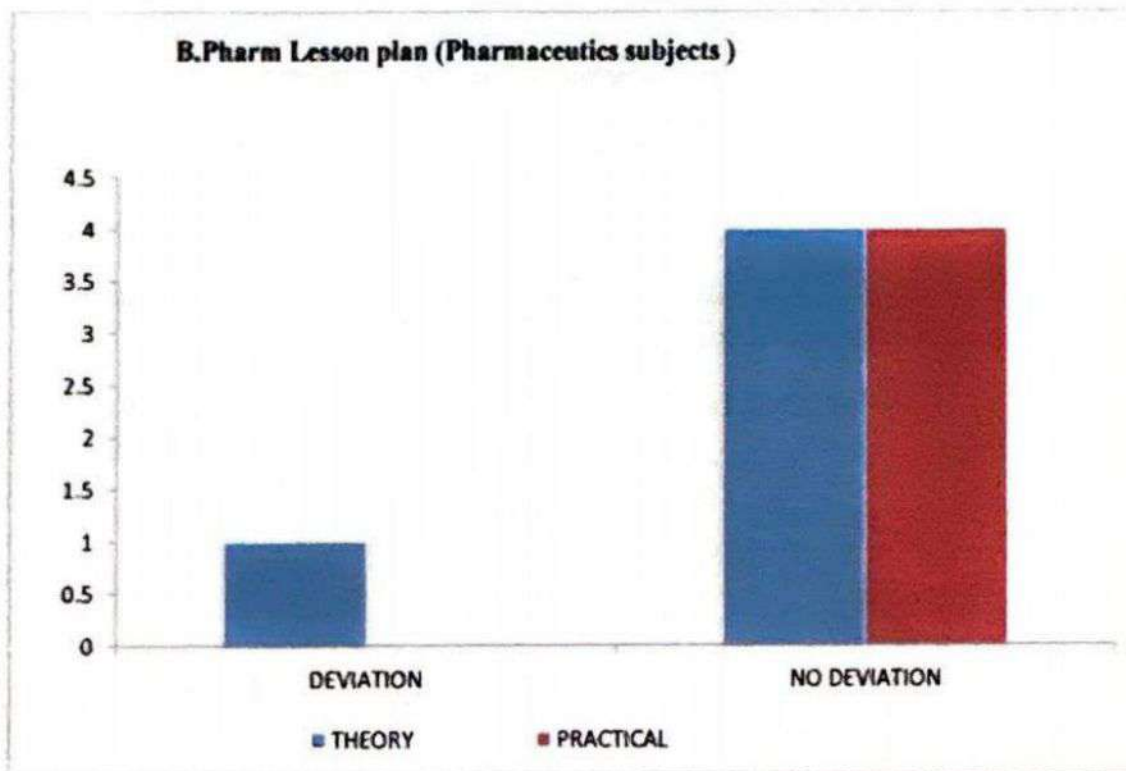
Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)



  
Dean Academics

  
Principal

**PRINCIPAL**  
The Oxford College of Pharmacy  
No.6/9, 1st Cross, Begur Road, Hongasandra, Bangalore  
Bangalore - 560 068



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

Q: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu);





Children's Education Society (Regd.)

# The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

## Academic audit Report Annual and Even semesters 2022-23

(Nov 2023)

### **PREAMBLE:**

Academic audit was performed by Academic audit committee headed by dean academics at the end of even semester for all UG and PG courses in Nov 2023.

In the beginning of academic year and at the end of Odd semester, the academic audit committee scrutinized and approved the plan of study duly verified by respective department Heads in accordance with the current syllabus issued by RGUHS.

At the end of even semester after two sessional exams for B.Pharm and M.Pharm, both are UG and PG courses respectively, were evaluated for Plan of study and lesson plan adherence.

Also three sessionals were completed for Annual UG courses Pharm.D and Pharm.D PB at the end of Nov 2023 were also evaluated.

Three departments of The oxford college of Pharmacy, Pharmaceutical chemistry, Pharmacy practice, Pharmaceutics related lesson plans were verified for the adherence and compliance with the preapproved Plan of study.

In the department of Pharmaceutical chemistry total 6 theory and 4 practical subjects were taught for B.Pharm UG course in even semester. Out of 6 theory subjects, in all 6 subjects no deviations found in plan of teaching. But ICT tools and e-contents were not adequately utilized for teaching. The respective department was advised to comply with the plan of study strictly from next semester. In all other practical subjects no deviation were found from the plan of study.

In the department of Pharmacy practice handled Pharmacovigilance (BP805ET) subject in VIII semester B.Pharm in which no deviation is found in Lesson plan. But there was deviation of using ICT tools was found.

In the department of Pharmacology total 5 theory and 3 practical subjects were taught for B.Pharm UG course in even semester. Out of 5 theory subjects, in 4 no deviations found in plan of teaching but in 1 subject of II semester, Pathophysiology (BP204T), ICT tools were not utilized to complete the syllabus. In all other practical subjects no deviation were found from the plan of study. The respective department was advised to rectify the deviation and comply with the plan of study strictly from next semester.

Continuous performance Assessment (CPA) cards were verified for adherence and the periodic conduct of class tests, assignments and viva voce. There was no deviation observed in conduct of CPA in any of the subject.



No.6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra, Bengaluru -560 068

☎: +91- 80 - 61754694; Fax: +91- 80 -61754699; [www.theoxford.edu](http://www.theoxford.edu)

e-mail: [pharmacyprincipal@theoxford.edu](mailto:pharmacyprincipal@theoxford.edu); [info@theoxford.edu](mailto:info@theoxford.edu)





Children's Education Society (Regd.)

## The Oxford College of Pharmacy

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka,

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

The overall result analysis for B. Pharm II semester showed result percentage of below 59% was 2.5% in Biochemistry subject and 21% in HAP-II practical. Similarly in IV sem B. Pharm POC-III the result percentage below 59% was 12.2%. Based on overall results analysis It was generally advised to all department that the subjects that show more percentage of students below 59% category must be focused with priority to improve through remedial classes and in VIII semester the results were found satisfactory and number of candidates was above 90% in all subjects in 76% to 100% mark category.

No deviation in M. Pharm PG course classes were observed in lesson plan and the overall results in all theory practical were found to be 100%.

Pharm.D and Pharm.D Post Baccalaureate are the two annual subjects taught under RGUHS syllabus. At the end of three sessional exams the academic audit was performed in Nov 2023.

Department of Pharmacy practice handled 9 theory and 6 practical for Pharm D and 7 theories and 5 practical for Pharm.D Post Baccalaureate. There were no deviations in lesson plan for all annual subjects. But it was observed the need of incorporating more problem based learning activities in hospital based practical subjects.

Department of Pharmacy practice handle Pharm.D and Post Baccalaureate course with 7 theory and 5 practical subjects. There were no deviations in lesson plan for all annual subjects. As there were more than the required hours were available in the academic year, it was utilized to revise the syllabus.

In the overall result analysis in II Pharm.D Pharmacotherapeutics-I (PHARD2.1) subject it was found 8.6% students were obtained mark below 59%. And in practical 17.3 % students were obtained mark below 59%. Similarly in III Pharm.D Pharmacotherapeutics-II theory (PHARD3.1) 5.6% students were obtained mark below 59%.

Mentor mentee documents were audited and advised to focus on candidates week subjects in which below 59% results were recorded also to monitor attendance percentage of students.

There was deviation in conducting preplanned Guest lectures, workshop as it was mentioned in calendar of events. This is noticed to all three departments. The HoDs were asked to rectify this delay and conduct programs as per the schedule from next academic year onwards.

### Conclusion:

It is observed in general in all subjects, the e-content must be enhanced further and it was advised to all departments that the preplanned pedagogy methods must be strictly followed for all subjects. For advanced learners, less utilization of beyond course e-content were noticed in department of pharmacy practice and in pharmacology and instructed to adopt





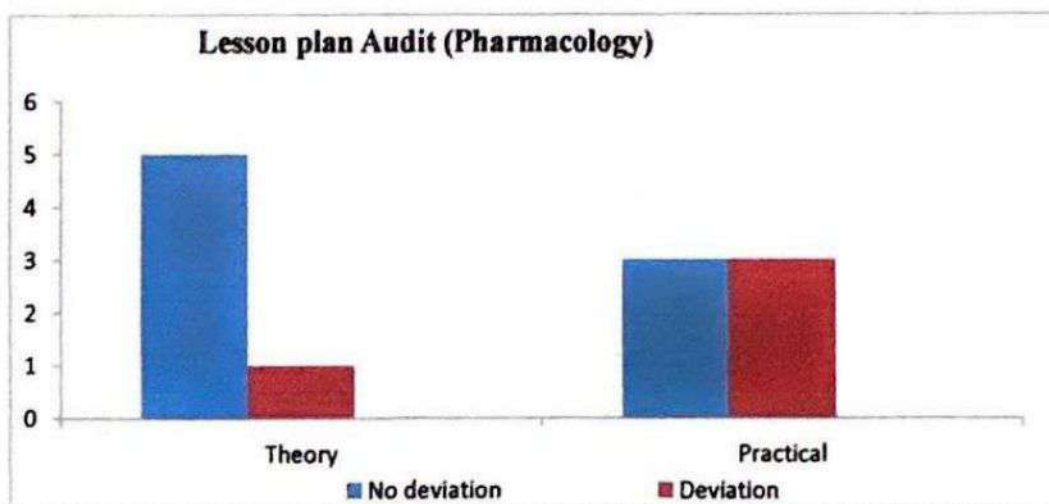
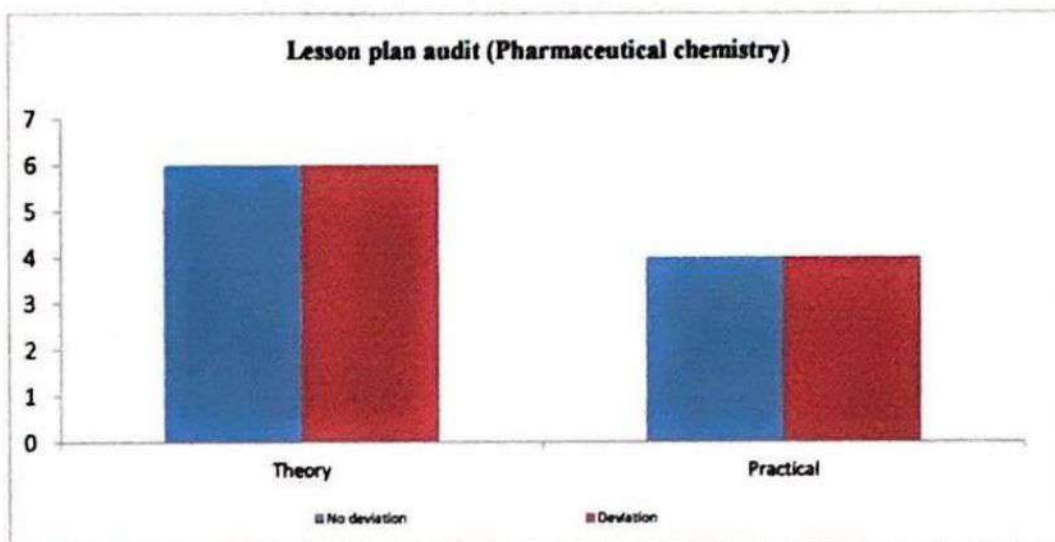
Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)

from next semester and to include more problem-based learning in the practical part of the syllabus.

Deviation of using ICT tools was found in 2 theory subject out of 22 theory subjects handled in even semester B.Pharm. ICT utilization is restored after the audit finding and necessary corrective steps. Importance and advantage of ICT usage were explained and relevant steps were initiated for implementation.

The deviations observed in even semester were brought to notice of all faculties and asked to comply with the plan of study and accordingly corrective and preventive measures were enforced with the approval of dean academics and The Principal.

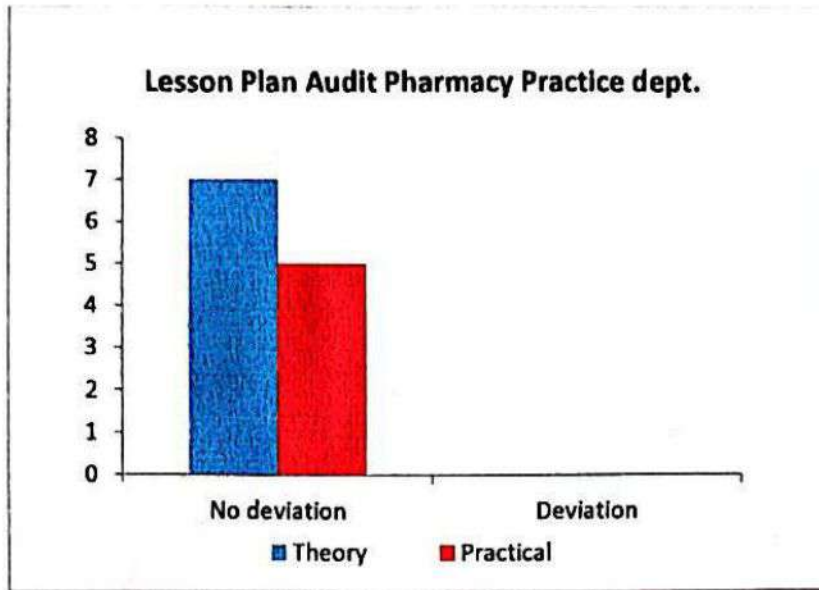






Children's Education Society (Regd.)  
**The Oxford College of Pharmacy**

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka;  
Approved by Pharmacy Council of India, New Delhi)  
Accredited by NAAC and International Accreditation Organization (IAO)



  
**Dean Academics**

  
**Principal**

**PRINCIPAL**  
The Oxford College of Pharmacy  
No. 6/9, 1<sup>st</sup> Cross, Begur Road, Hongasandra  
Bangalore - 560 068