



Mechanism of transparent and fair Internal Examination

To ensure a transparent, fair, and supportive internal examination process, addressing common concerns such as retotalling, mistake in correction, revaluation the internal examination committee follows a process for the smooth conducting of the examination. Here's how our college addresses common concerns to ensure a transparent and fair internal examination process:

Process Followed:

1. Retotalling:

- **Request Submission:** Students can submit a formal request to the subject teacher for retotalling within a specified time frame after results are declared.
- **Verification:** the subject teacher will verify the request and conducts a thorough recheck of the total marks to ensure accuracy.
- **Result Notification:** Any changes in the marks are promptly communicated to the student, class teachers and the dean examination and updated results are published.

2. Mistake in Correction:

- **Request Submission:** Students can submit a formal request to the subject teacher for mistake in correction within a specified time frame after results are declared.
- **Review Process:** The answer script is reviewed by the subject teacher to identify and rectify any mistakes in correction.
- **Result Notification:** Any changes in the marks are promptly communicated to the student, class teachers and the dean examination and updated results are published.

3. Revaluation:

- **Request Submission:** Students can submit a formal request to the subject teacher for revaluation within a specified time frame after results are declared.
- **Independent Review:** The answer script is reviewed independently by a different faculty member who was not involved in the initial correction.
- **Result Notification:** Any changes in the marks are promptly communicated to the student, class teachers and the dean examination and updated results are published.

Escalation Process

4. Unresolved Issues:

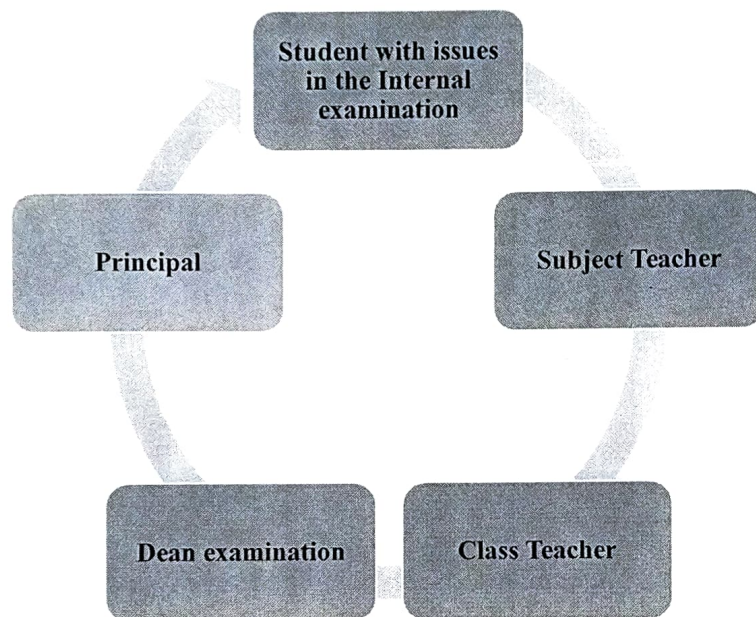
- If the issue is not resolved through the above steps, it can be escalated to the principal.
- **Formal Appeal:** The student can submit a formal request to the principal, outlining the issue and the steps taken so far.



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

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

- **Principal's Review:** The principal reviews the case, consults with relevant faculty and staff, and makes a final decision.
- **Final Communication:** The principal's decision is communicated to the student, ensuring clarity and transparency in the resolution process.



Flowchart for the process for the addressing the issues of the students in the internal examination

By following these steps, our college ensures that the internal examination process is fair, transparent, and supportive, addressing student concerns promptly and effectively.

P. Padma
PRINCIPAL

PRINCIPAL

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



No.6/9, 1st Cross, Begur Road, Hongasandra, Bengaluru -560 06
☎: +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)

CIRCULAR

Date: 06.07.2023

This is to inform you that Dr. G. Nagalakshmi, Associate Professor, Department of Pharmaceutical Chemistry will be continuing as The Dean-Examination of our Institution until further orders.

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh

PRINCIPAL

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

To

1. Dr. G. Nagalakshmi,
Associate Professor,
Department of Pharmaceutical Chemistry,
The Oxford College of Pharmacy,
Bangalore-560068

Copy to:

1. Office
2. The Head of the Department, The oxford College of Pharmacy, Bangalore-560068.



No.6/9, 1st 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)

Ref. No.: TOCP/DEC/01/2023-24

Date: 09.09.2023

NOTIFICATION

Sub: Constitution of Internal Board of Examiners

The following faculty members are appointed as Internal Board of Examiners for scrutinising up of question paper with respect to UG and PG Internal Examination until further notice.

The Examiners shall maintain confidentiality and adhere to the rules and regulations of the University and Institution.

Committees under dean examination:

Dr. G. Nagalakshmi., Associate Professor Dean-examination

| INTERNAL EXAMINATION ASSESSMENT COMMITTEE | | | |
|---|------------------|---------------------------------|--------------------------|
| SR.NO. | POST | NAME OF THE MEMBERS | DEPARTMENT |
| 1 | CHAIRPERSON | DR NAGALAKSHMI G | PHARMACEUTICAL CHEMISTRY |
| 2 | MEMBER SECRETARY | DR. VENKATA KARTHIK KUMAR REDDY | PHARMACOLOGY |
| 3 | MEMBER | DR. JENISHA K | PHARMACY PRACTICE |
| 4 | MEMBER | MS. NAGALAKSHMI REDDY | PHARMACOLOGY |
| 5 | MEMBER | MR. AKSHAY | PHARMACEUTICAL CHEMISTRY |

| QUESTION PAPER SCRUTINY COMMITTEE | | | |
|-----------------------------------|------------------------|----------------------------------|--------------------------|
| SR.NO. | POST | NAME OF THE MEMBERS | DEPARTMENT |
| 1 | CHAIRPERSON | DR. PADMAAM.PAARAKH | PHARMACOGNOSY |
| 2 | MEMBER SECRETARY | DR G VENKATA KARTHIK KUMAR REDDY | PHARMACOLOGY |
| 3 | MEMBER | DR GURU RAJ S KULKARNI | PHARMACEUTICS |
| 4 | MEMBER | DR NOOPUR SRIVASTAVA | PHARMACOLOGY |
| 5 | DEAN ACADEMICS/ MEMBER | DR. G PARTHASARATHY | PHARMACY PRACTICE |
| 6 | MEMBER | DR. NAGALAKSHMI G | PHARMACEUTICAL CHEMISTRY |

P. Padma
PRINCIPAL

PRINCIPAL

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



No.6/9, 1st 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)

EXAMINATION CELL, TOCP, BANGALORE

GUIDELINES FOR CONDUCTING SESSIONAL EXAMINATION

1. The students should reach the examination 10 minutes early before the commencement of examination.
2. Seating Arrangement should be followed strictly by the students and should be monitored by the invigilators.
3. The students are allowed to leave the examination hall only after the permission of the invigilator.
4. In exam, scientific calculators, mobile phones, smart watches are not allowed.
5. The students must carry their ID-cards, stationery and water bottle along with them.
6. Student must write their registration number on the booklet and on the question paper in the beginning of exam.
7. If any student is found using unfair means, they will be asked to leave the examination hall immediately and other disciplinary action also will be taken.

G. Nagalakshmi
DEAN EXAM
Dr. G. Nagalakshmi

DEAN ACADEMICS
Dr. G. Parthasarathy

P. Padma
PRINCIPAL
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
e-mail: pharmacyprincipal@theoxford.edu; 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)

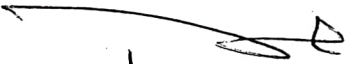
Tier I

| GRIEVANCE REDRESSAL CELL | | | |
|--------------------------|------------------|-----------------------------|-------------------------------|
| SR.NO. | POST | NAME OF THE MEMBERS | DEPARTMENT |
| 1 | CHAIRPERSON | DR. NOOPUR SRIVASTAVA | PHARMACOLOGY |
| 2 | MEMBER SECRETARY | DR. G NAGALAKSHMI | PHARMACEUTICAL CHEMISTRY |
| 3 | MEMBER | MS. NAGALAKSHMI R | PHARMACEUTICS |
| 4 | MEMBER | MRS TS ANUPAMA | ADVOCATE |
| 5 | MEMBER | MRS. HEMAMALINI J | SENIOR ADMINISTRATIVE OFFICER |
| 6 | INVITEE | DR. MAHESH AR | PHARMACEUTICAL CHEMISTRY |
| 7 | MEMBER | STUDENT REPRESENTATIVE (UG) | INVITEE |
| 8 | MEMBER | STUDENT REPRESENTATIVE (PG) | INVITEE |

If grievance is not addressed in Tier I, then it is routed to Tier II

Tier II

| GRIEVANCE REDRESSAL CELL | | |
|--------------------------|-------------------------------|-------------------------|
| SR.NO. | POST | NAME OF THE MEMBERS |
| 1 | CHAIRMAN | DR. SNVL NARASIMHA RAJU |
| 2 | PRINCIPAL | DR. PADMAA M PAARAKH |
| 3 | SENIOR ADMINISTRATIVE OFFICER | MRS. HEMAMALINI J |


PRESIDENT
Children's Education Society (R)
1st Phase, J.P. Nagar,
Bangalore - 560 078



No.6/9, 1st 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)

TOCP/GRC/01/2023-24

Date: 15.10.2024

To

The Principal,

The Oxford College of Pharmacy,

Bangalore-68.

Subject: Regarding the Internal Assessment grievances for the academic year 2023-24

Respected Madam,

In order to maintain transparency and fairness in sessional examination, the Dean examination would review the process in consultation with central grievance redressal committee. Whereas if any grievances pertaining to sessional examination are reported and will be routed to central grievance committee and same will be addressed by central grievance committee.

Whereas, for the academic year 2023-24, upon evaluating all the sessional examination, there were no major grievances reported pertaining to sessional examination. However, there were few pertaining to less marks in some questions and counting mistakes, which were not grouped into major grievances.

From,

Dr. G. Nagalakshmi,

Associate Professor,

Dean Examination,

The Oxford College of Pharmacy,

Bangalore-560068.

G. Nagalakshmi





Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

CIRCULAR

This is to inform that I-Sessional examination will commence from 18/03/24 to 30/03/24 for

II. Pharm D – 18/03/24 to 28/03/24

III. Pharm D – 18/03/24 to 30/03/24

IV. Pharm D – 18/03/24 to 28/03/24

I. PB – 18/03/24 to 28/03/24

V. Pharm D/ II. PB – 25/3/2024 to 28/3/2024

I D.Pharm – 18/03/2024 to 23/03/2024

I Sem M.Pharm Pharmaceutics – 19/03/2024 to 23/03/2024

I Sem M.Pharm Pharmacology – 19/03/2024 to 23/03/2024

I Sem M.Pharm Pharmacognosy – 19/03/2024 to 23/03/2024


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 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. G. Nagalakshmi


DEAN ACADEMICS
Dr. G. Parthasarathy


PRINCIPAL
Dr. Padma M Paarakh
The Oxford College of Pharmacy
No 6/9, 1st Cross, Begur Road, Hongasandra
Bangalore - 560 068



No.6/9, 1st 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 SESSIONAL PRACTICAL TIME TABLE FOR III PHARM D

| Date | Subject | Batch | Time |
|------------|-----------------------------|-------|---------------|
| 21/03/2023 | Pharmaceutical Formulations | I | 1:30-4:00 PM |
| 27/03/2023 | Pharmaceutical Analysis | I | 9:00-12:00 PM |
| 30/03/2023 | Pharmacotherapeutics II | I | 9:00-12:00 PM |
| 31/03/2023 | Pharmacology II | I | 1:30-4:00 PM |
| 01/04/2023 | Medicinal Chemistry | I | 9:00-12:00 PM |

I SESSIONAL TIME TABLE FOR IV PHARM D (March 2023)

| Date | Time | Subject |
|---------|----------------|--------------------------------------|
| 20/3/23 | 2.00-3:30PM | Pharmacotherapeutics III |
| 21/3/23 | 2.00-3:30PM | Biopharmaceutics & Pharmacokinetics |
| 23/3/23 | 2.00-3:30PM | Clinical Pharmacy |
| 24/3/23 | 2.00-3:30PM | Biostatistics & Research Methodology |
| 25/3/23 | 10:00-11:30 am | Hospital Pharmacy |
| 27/3/23 | 10:00-11:30 am | Clinical Toxicology |

I SESSIONAL PRACTICAL TIME TABLE FOR IV PHARM D

| Date | Subject | Batch | Time |
|------------|-------------------------------------|-------|---------------|
| 28/03/2023 | Pharmacotherapeutics III | I | 9:00-12:00 PM |
| 29/03/2023 | Clinical Pharmacy | I | 9:00-12:00 PM |
| 29/03/2023 | Hospital Pharmacy | I | 1:30-4:00 PM |
| 30/03/2023 | Biopharmaceutics & Pharmacokinetics | I | 9:00-12:00 PM |



No.6/9, 1st 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)

Question paper scrutinizing committee

The institution question paper scrutinizing committee as a part of its endeavor to conduct transparent continuous internal examination has conducted a meeting on 11/03/2024 to evaluate sessional question papers in line with lesson plan and teaching learning calendar and to finalize the appropriate one for conducting the sessional examination starting from 18/03/2024 for II, III, IV, V Pharm D and I semester M Pharm.

The committee has reviewed a minimum of two sets of question paper from the following department for the first sessional examination:

FIRST SESSIONAL EXAMINATION

PHARM D

| Department of Pharmaceutics | | | |
|--|--------------------------------------|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| 3.4 | Pharmaceutical Jurisprudence | ✓ | ✓ |
| 3.6 | Pharmaceutical Formulations | ✓ | ✓ |
| 4.4 | Biostatistics & Research Methodology | ✓ | ✓ |
| 4.5 | Biopharmaceutics & Pharmacokinetics | ✓ | ✓ |
| Department of Pharmacognosy | | | |
| 2.3 | Pharmacognosy & Phytopharmaceuticals | ✓ | ✓ |
| Department of Pharmaceutical Chemistry | | | |
| 3.1 | Pharmaceutical Analysis | ✓ | ✓ |
| 3.2 | Medicinal Chemistry | ✓ | ✓ |
| Department of Pharmacology | | | |
| 2.1 | Pathophysiology | ✓ | ✓ |
| 2.2 | Pharmaceutical Microbiology | ✓ | ✓ |
| 2.4 | Pharmacology-I | ✓ | ✓ |
| 3.1 | Pharmacology-II | ✓ | ✓ |
| 4.6 | Clinical Toxicology | ✓ | ✓ |
| Department of Pharmacy Practice | | | |
| 2.5 | Community Pharmacy | ✓ | ✓ |
| 2.6 | Pharmacotherapeutics-I | ✓ | ✓ |
| 3.3 | Pharmacotherapeutics-II | ✓ | ✓ |
| 4.1 | Pharmacotherapeutics-III | ✓ | ✓ |
| 4.2 | Hospital Pharmacy | ✓ | ✓ |



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

| | | | |
|-----|---|---|---|
| 4.3 | Clinical Pharmacy | ✓ | ✓ |
| 5.1 | Clinical Research | ✓ | ✓ |
| 5.2 | Pharmacoepidemiology and Pharmacoconomics | ✓ | ✓ |
| 5.3 | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring | ✓ | ✓ |
| 5.4 | Pharmacotherapeutics-I and II | ✓ | ✓ |

M. PHARM (PHARMACEUTICS)

| Department of Pharmaceutics | | | |
|-----------------------------|---|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPA101T | Modern Pharmaceutical Analytical Techniques | ✓ | ✓ |
| MPH101T | Modified Release Drug Delivery System | ✓ | ✓ |
| MPH102T | Modern Pharmaceutics | ✓ | ✓ |
| MPH103T | Pharmaceutical Regulatory Affair | ✓ | ✓ |

M. PHARM (PHARMACOGNOSY)

| Department of Pharmagnosy | | | |
|---------------------------|---|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPA101T | Modern Pharmaceutical Analytical Techniques | ✓ | ✓ |
| MPG101T | Advanced Pharmacognosy-I | ✓ | ✓ |
| MPG102T | Phytochemistry | ✓ | ✓ |
| MPG103T | Industrial Pharmacogonostical Technology | ✓ | ✓ |

M. PHARM (PHARMACOLOGY)

| Department of Pharmacology | | | |
|----------------------------|---|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPA101T | Modern Pharmaceutical Analytical Techniques | ✓ | ✓ |
| MPL101T | Advanced Pharmacology-I | ✓ | ✓ |



No.6/9, 1st 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)

| | | | |
|---------|---|---|---|
| MPL102T | Pharmacological and Toxicological Screening methods-I | ✓ | ✓ |
| MPL103T | Cellular and Molecular Pharmacology | ✓ | ✓ |

Based on the scrutinizing practices, the committee has finalized the following question paper bearing codes for the first sessional examination and the same is forwarded to the dean examination.

PHARM D

| Department of Pharmaceutics | | | |
|--|--------------------------------------|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| 3.4 | Pharmaceutical Jurisprudence | ✓ | |
| 3.6 | Pharmaceutical Formulations | ✓ | |
| 4.4 | Biostatistics & Research Methodology | | ✓ |
| 4.5 | Biopharmaceutics & Pharmacokinetics | | ✓ |
| Department of Pharmacognosy | | | |
| 2.3 | Pharmacognosy & Phytopharmaceuticals | ✓ | |
| Department of Pharmaceutical Chemistry | | | |
| 3.1 | Pharmaceutical Analysis | ✓ | |
| 3.2 | Medicinal Chemistry | | ✓ |
| Department of Pharmacology | | | |
| 2.1 | Pathophysiology | ✓ | |
| 2.2 | Pharmaceutical Microbiology | ✓ | |
| 2.4 | Pharmacology-I | ✓ | |
| 3.1 | Pharmacology-II | | ✓ |
| 4.6 | Clinical Toxicology | ✓ | |
| Department of Pharmacy Practice | | | |
| 2.5 | Community Pharmacy | | ✓ |



No.6/9, 1st 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)

| | | | |
|-----|---|---|---|
| 2.6 | Pharmacotherapeutics-I | | ✓ |
| 3.3 | Pharmacotherapeutics-II | ✓ | |
| 4.1 | Pharmacotherapeutics-III | ✓ | |
| 4.2 | Hospital Pharmacy | | ✓ |
| 4.3 | Clinical Pharmacy | ✓ | |
| 5.1 | Clinical Research | | ✓ |
| 5.2 | Pharmacoepidemiology and Pharmacoeconomics | | ✓ |
| 5.3 | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring | | ✓ |
| 5.4 | Pharmacotherapeutics-I and II | ✓ | |

M. PHARM (PHARMACEUTICS)

| Department of Pharmaceutics | | | |
|-----------------------------|---|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPA101T | Modern Pharmaceutical Analytical Techniques | | ✓ |
| MPH101T | Modified Release Drug Delivery System | | ✓ |
| MPH102T | Modern Pharmaceutics | ✓ | |
| MPH103T | Pharmaceutical Regulatory Affair | ✓ | |

M. PHARM (PHARMACOGNOSY)

| Department of Pharmagnosy | | | |
|---------------------------|---|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPA101T | Modern Pharmaceutical Analytical Techniques | | ✓ |
| MPG101T | Advanced Pharmacognosy-I | | ✓ |
| MPG102T | Phytochemistry | ✓ | |
| MPG103T | Industrial Pharmacognostical Technology | | ✓ |

M. PHARM (PHARMACOLOGY)





Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

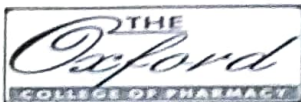
| Department of Pharmacology | | | |
|----------------------------|---|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPA101T | Modern Pharmaceutical Analytical Techniques | | ✓ |
| MPL101T | Advanced Pharmacology-I | | ✓ |
| MPL102T | Pharmacological and Toxicological Screening methods-I | | ✓ |
| MPL103T | Cellular and Molecular Pharmacology | ✓ | |

P. Prasad Signature

Chairperson, Question Scrutinizing Committee

PRINCIPAL

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



No.6/9, 1st 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;



✓ Set ①
S-T

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

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

III-PHARM D RS2
SESSIONAL EXAM (Internal Assessment) – I
Date of Exam: 20/03/2024

| | | | |
|--|--|--------------------|--------------------------------|
| SUBJECT CODE: | PHAD2C04TH | TOTAL MARKS | 30 |
| SUBJECT NAME: | Pharmaceutical JURISPRUDENCE | EXAM HRS. | 1 hour 30 Min 10:00-11:30am |
| COURSE OBJECTIVE: The objectives of this course is: <ul style="list-style-type: none"> 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. | | | |
| I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS | | Marks | CO |
| 1. Write the qualifications, duties and responsibilities of drugs inspector. Explain the procedure for taking of samples by drugs inspector | | 10 | CO(3) L2 |
| 2. Write in detail about the constitution and functions of the state and joint state pharmacy council. | | 10 | CO(6) L1 |
| II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS | | | |
| 3. Give an account of pharmaceutical legislations in India | | 5 | CO(2) L2 |
| 4. Discuss the code of ethics for pharmacists in relation to his trade. | | 5 | CO(6) L2 |
| 5. Give the qualification required for appointment of Government analyst. Add note on his duties. | | 5 | CO(3) L2 |
| III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS | | | |
| 6. Define Schedule FF. Give two examples | | 2 | CO(3) L1 |
| 7. Define cosmetics under D&C Act | | 2 | CO(3) L2 |
| 8. Give objectives of Pharmacy Act | | 2 | CO(6) L1 |
| 9. What is CDSCO | | 2 | CO(3) L1 |
| 10. Enlist Code of Pharmaceutical Ethics in relation to his profession | | 2 | CO(6) 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 | practice the Professional ethics | | |
| CO2 | understand the various concepts of the pharmaceutical legislation in India. | | |
| CO3 | know the various parameters in the Drug and Cosmetic Act and rules | | |
| CO4 | know the Drug policy, DPCO, Patent and design act | | |
| CO5 | understand the labeling requirements and packaging guidelines for drugs and cosmetics | | |
| CO6 | be able to understand the concepts of Dangerous Drugs Act, Pharmacy Act and Excise duties Act; and | | |
| CO7 | other laws as prescribed by the Pharmacy Council of India from time to time including International Laws | | |

P. Padure

forwarded to BSE

20/3

selected



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

Approved by Pharmacy Council of India, New Delhi)

Set (2)
S-II

| III-PHARM D RS2 | | | |
|---|--|-------------|--------------------------------|
| SESSIONAL EXAM (Internal Assessment) – I | | | |
| Date of Exam: 20/03/2024 | | | |
| SUBJECT CODE: | PHAD2C04TH | TOTAL MARKS | 30 |
| SUBJECT NAME: | Pharmaceutical JURISPRUDENCE | EXAM HRS. | 1 hour 30 Min 10:00-11:30am |
| COURSE OBJECTIVE: The objectives of this course is: <ul style="list-style-type: none">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. | | | |
| I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS | Marks | CO | Bloom's Taxonomy Level * |
| 11. Describe the constitution and functions of Pharmacy council of India | 10 | CO(2) | L2 |
| 12. What are the precedents and subsequent conditions for grant of license to manufacture of drugs specified in schedule C, C1 and X | 10 | CO(5) | L1 |
| II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS | | | |
| 13. Write final recommendations of Drug Enquiry Committee | 5 | CO(1) | L2 |
| 14. Define Code of Ethics. Explain Receiving and Handling of prescription by pharmacist | 5 | CO(3) | L2 |
| 15. Write the Qualification and Duties of Government Analyst. | 5 | CO(2) | L2 |
| III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS | | | |
| 16. Define Schedule X. Give two examples | 2 | CO(4) | L1 |
| 17. Define Repacking licenses | 2 | CO(4) | L2 |
| 18. Define "Registered Pharmacist" | 2 | CO(1) | L1 |
| 19. List four key functions of CDSCO | 2 | CO(1) | L1 |
| 20. State Clandestine Arrangement | 2 | CO(3) | L2 |
| * (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 | practice the Professional ethics | | |
| CO2 | understand the various concepts of the pharmaceutical legislation in India. | | |
| CO3 | know the various parameters in the Drug and Cosmetic Act and rules | | |
| CO4 | know the Drug policy, DPCO, Patent and design act | | |
| CO5 | understand the labeling requirements and packaging guidelines for drugs and cosmetics | | |
| CO6 | be able to understand the concepts of Dangerous Drugs Act, Pharmacy Act and Excise duties Act; and | | |
| CO7 | other laws as prescribed by the Pharmacy Council of India from time to time including International Laws | | |

P. Padua

Forwarded to the

and

Not selected



Children's Education Society (Regd.)

The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated 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: III Pharm D

Student Name:

Subject: Pharmaceutical Jurisprudence

Reg: No:

Staff In-charge: Adithi.P

| Sl No. | TOPIC | Home Assig. | Class Test | Viva | Marks | Sign |
|--------------------------------|--|-------------|------------|------|-------|------|
| I Sessional | | | | | | |
| 1 | Pharmaceutical Legislations – A brief review. | | | | | |
| 2 | Principle and Significance of professional ethics. Critical study of the code of pharmaceutical ethics drafted by PCI. | | | | | |
| 3 | Pharmacy Act –1948. | | | | | |
| 4 | Drugs and Cosmetics Act, 1940, and its rules 1945 | | | | | |
| Total Marks (out of 90) | | | | | | |
| Remarks of HOD: | | | | | | |
| II Sessional | | | | | | |
| 4 | Drugs and Cosmetics Act, 1940, and its rules 1945 | | | | | |
| 5 | Medicinal and Toilet Preparation Act – 1955 | | | | | |
| 6 | Narcotic Drugs and Psychotropic substances Act-1985 and Rules. | | | | | |
| Total Marks (out of 90) | | | | | | |
| Remarks of HOD: | | | | | | |
| III Sessional | | | | | | |
| 6 | Narcotic Drugs and Psychotropic substances Act-1985 and Rules. | | | | | |
| 7 | Study of Salient Features of Drugs and magic remedies Act and its rules | | | | | |
| 8 | Study of essential Commodities Act Relevant to drugs price control Order | | | | | |
| 9 | Drug Price Control Order & National Drug Policy (Current) | | | | | |
| 10 | Prevention of Cruelty to Animals Act-1960 | | | | | |
| 11 | Patents & Design Act-1970 | | | | | |
| 12 | Brief study of Prescription & non-prescription products | | | | | |
| Total Marks (out of 90) | | | | | | |
| Remarks of HOD: | | | | | | |

Sign. of Subject In-charge:

Sign. of Mentor:

Sign. of H.O.D



Children's Education Society (Regd.)

The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated 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: III Pharm D

Subject: Pharmaceutical Jurisprudence

Staff In-charge: Adithi.P

Student Name: *Vansha*

Reg: No: 1520593

| Sl No. | TOPIC | Home Assig. | Class Test | Viva | Marks | Sign |
|--------------------------------|--|-----------------------------------|-----------------------------------|----------------------------------|-----------------|-----------|
| I Sessional | | | | | | |
| 1 | Pharmaceutical Legislations – A brief review. | $\frac{9}{5}$ $\frac{16}{10}$ | $\frac{16}{10}$ | $\frac{430}{5}$ | $\frac{18}{20}$ | <i>Ad</i> |
| 2 | Principle and Significance of professional ethics. Critical study of the code of pharmaceutical ethics drafted by PCI. | $\frac{9}{5}$ $\frac{5}{10}$ | $\frac{5}{10}$ | $\frac{427}{5}$ | $\frac{17}{20}$ | <i>Ad</i> |
| 3 | Pharmacy Act –1948. | $\frac{13}{5}$ $\frac{6}{10}$ | $\frac{6}{10}$ | $\frac{3512}{5}$ | $\frac{16}{20}$ | <i>Ad</i> |
| 4 | Drugs and Cosmetics Act, 1940, and its rules 1945 | $\frac{12}{5}$ $\frac{15}{10}$ | $\frac{15}{10}$ | $\frac{473}{5}$ | $\frac{18}{20}$ | <i>Ad</i> |
| Total Marks (out of 90) | | | | | 69/20 | <i>Ad</i> |
| Remarks of HOD: | | | | | | |
| II Sessional | | | | | | |
| 4 | Drugs and Cosmetics Act, 1940, and its rules 1945 | $\frac{3}{4}$ $\frac{10}{10}$ | $\frac{16}{4}$ <i>Ab</i> | $\frac{30}{4}$ <i>Ab</i> | $\frac{10}{30}$ | <i>Ad</i> |
| 5 | Medicinal and Toilet Preparation Act – 1955 | $\frac{23}{4}$ $\frac{10}{10}$ | $\frac{14}{5}$ $\frac{24}{10}$ | $\frac{7}{5}$ $\frac{9}{10}$ | $\frac{28}{30}$ | <i>Ad</i> |
| 6 | Narcotic Drugs and Psychotropic substances Act-1985 and Rules. | $\frac{21}{5}$ $\frac{10}{10}$ | $\frac{22}{5}$ $\frac{9}{10}$ | $\frac{41}{6}$ $\frac{9}{10}$ | $\frac{28}{30}$ | <i>Ad</i> |
| Total Marks (out of 90) | | | | | 66/90 | <i>Ad</i> |
| Remarks of HOD: | | | | | | |
| III Sessional | | | | | | |
| 6 | Narcotic Drugs and Psychotropic substances Act-1985 and Rules. | $\frac{25}{1}$ | $\frac{6}{7}$ | $\frac{13}{7}$ | | <i>Ad</i> |
| 7 | Study of Salient Features of Drugs and magic remedies Act and its rules | $\frac{10}{10}$ | $\frac{9}{9}$ | $\frac{9}{9}$ | $\frac{28}{30}$ | |
| 8 | Study of essential Commodities Act Relevant to drugs price control Order | $\frac{24}{7}$ | $\frac{6}{8}$ | $\frac{20}{8}$ | | <i>Ad</i> |
| 9 | Drug Price Control Order & National Drug Policy (Current) | <i>Ab</i> | <i>Ab</i> | <i>Ab</i> | $\frac{0}{30}$ | |
| 10 | Prevention of Cruelty to Animals Act-1960 | | | | | |
| 11 | Patents & Design Act-1970 | $\frac{21}{9}$ <i>Ab</i> | $\frac{3}{9}$ $\frac{9}{9}$ | $\frac{4}{9}$ $\frac{9}{9}$ | $\frac{18}{30}$ | <i>Ad</i> |
| 12 | Brief study of Prescription & non-prescription products | | | | | |
| Total Marks (out of 90) | | | | | 46/90 | <i>Ad</i> |
| Remarks of HOD: | | | | | | |

Sign. of Subject In-charge:

Adithi

Sign. of Mentor:

Birdu

Sign. of H.O.D

gn




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

**I SESSIONAL THEORY TIME TABLE FOR I SEM M PHARM PHARMACOGNOSY
(MARCH 2024)**


| Date | Time | Subject |
|----------|----------------|---|
| 19/03/24 | 10:00-11:00 am | Modern Pharmaceutical Analysis |
| 21/03/24 | 10:00-11:00 am | Advance Pharmacognosy-I |
| 22/03/24 | 10:00-11:00 am | Phytochemistry |
| 23/03/24 | 10:00-11:00 am | Industrial Pharmacognostical Technology |

**I SESSIONAL THEORY TIME TABLE FOR I SEM M PHARM PHARMACOGNOSY
(MARCH 2024)**

| Date | Subject | Batch | Time |
|----------|--------------------------------|-------|---------------|
| 18/03/24 | Pharmacognosy-I | I | 9:00-03:00 PM |
| 20/03/24 | Modern Pharmaceutical Analysis | I | 9:00-12:00 PM |


DEAN EXAM
Dr. G. Nagalakshmi


DEAN ACADEMICS
Dr. G. Parthasarathy


PRINCIPAL
Dr. Padma 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)

S-1

| M. PHARM RS5 SEMESTER -I SESSIONAL EXAM (Internal Assessment) - I Date of Exam: 21/03/2024 | | | |
|---|---------------------------------|--------------------|-----------------------------------|
| SUBJECT CODE: | MPG101 T | TOTAL MARKS | 30 |
| SUBJECT NAME: | Advanced Pharmacognosy-I | EXAM Hrs. | 1 hour 10.00AM-11.00AM |
| COURSE OBJECTIVE: The Objective of this course is to <ul style="list-style-type: none">Educate students to have sound knowledge in Pharmacognosy and phytochemistry of natural medicines and to attain skills required in Pharmacy profession and research with knowledge of natural product drug discovery and will be able to isolate, identify and extract the Phyto-constituents.To understand the Industrial and commercial potential of drugs of natural origin, integrate traditional Indian systems of medicine with modern medicine and also to know regulatory and quality policy for the trade of herbals and drugs of natural origin.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 development, Clinical research and also to pursue PhD.To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacognosy and phytochemistry, Biotechnology, Pharmaceutical Analytical methods, Clinical research, Research methodology, Drug regulatory affairs, drug design etc. | | | |
| I LONG ESSAYS (ANSWER ALL) 4X7.5 = 30 MARKS | Marks | CO | Bloom's Taxonomy Level * |
| 1. Explain different methods of conservation of medicinal plants | 7.5 | CO 1 | L1 |
| 2. Explain the general method for isolation and purification of bioactive constituents from marine source and its applications. | 7.5 | CO 1 | L2 |
| 3. Explain Good cultivation practices for herbal drug. Write a note on ICAR in agricultural Research. | 7.5 | CO 1 | L1 |
| 4. Different classes of nutraceuticals with examples. Write a note on present and future scope. | 7.5 | CO 3 | L1 |
| 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--- Know the advances in the cultivation and production of drugs. | | | |
| CO2--- Know the various Phyto-pharmaceuticals and their source & utilization and medicinal value. | | | |
| CO3--- Know the various nutraceuticals/herbs and their health benefits. | | | |

Forwarded to QSC

P. Padma

Not Selected



Children's Education Society (Regd.)

S-II

The Oxford College of Pharmacy

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

| M. PHARM RS5 SEMESTER -I SESSIONAL EXAM (Internal Assessment) - I Date of Exam: 21/03/2024 | | | |
|--|--------------------------|-------------|---------------------------|
| SUBJECT CODE: | MPG101 T | TOTAL MARKS | 30 |
| SUBJECT NAME: | Advanced Pharmacognosy-I | EXAM Hrs. | 1 hour 10.00AM-11.00AM |

COURSE OBJECTIVE: The Objective of this course is to

- Educate students to have sound knowledge in Pharmacognosy and phytochemistry of natural medicines and to attain skills required in Pharmacy profession and research with knowledge of natural product drug discovery and will be able to isolate, identify and extract the phyto-constituents.
- To understand the Industrial and commercial potential of drugs of natural origin, integrate traditional Indian systems of medicine with modern medicine and also to know regulatory and quality policy for the trade of herbals and drugs of natural origin.
- 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 development, Clinical research and also to pursue PhD.
- To provide up to date knowledge in theory and practical and relevant training to students about the subjects of Pharmacognosy and phytochemistry, Biotechnology, Pharmaceutical Analytical methods, Clinical research, Research methodology, Drug regulatory affairs, drug design etc.

| I LONG ESSAYS (ANSWER ALL) 4X7.5 = 30 MARKS | Marks | CO | Bloom's Taxonomy Level * |
|--|-------|------|--------------------------|
| 1. Explain the minerals and dietary fibres as nutraceuticals | 7.5 | CO 3 | L1 |
| 2. Write the problems faced in research on marine drugs such as Chemical screening and their solution. | 7.5 | CO 1 | L2 |
| 3. Write a note on ICAR in medicinal plant cultivation and importance of herbal drug industry. | 7.5 | CO 1 | L1 |
| 4. Describe in details cereals and grains and health drinks as nutraceuticals. | 7.5 | CO 3 | L1 |

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--- Know the advances in the cultivation and production of drugs.
CO2--- Know the various Phyto-pharmaceuticals and their source & utilization and medicinal value.
CO3--- Know the various nutraceuticals/herbs and their health benefits.

Forwarded to QSC

P. Padma

Selected



Children's Education Society (Regd.)

The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated 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: M Pharm I Semester

Student Name:

Subject: Advanced Pharmacognosy-I

Reg: No:

Staff In-charge: Chaithra K

| S. No | Name of the Chapter | Class test Date/mark (10) | Assignment Date/mark (10) | Seminar Date / Mark (10) | Regular Practical Viva Date/mark (10) | Marks | Sign |
|------------------------------------|-------------------------|---------------------------------|---------------------------------|--------------------------------|--|-------|------|
| I SESSIONAL | | | | | | | |
| 1. | Plant Drug Cultivation | | | | | | |
| 2. | Marine Natural Products | | | | | | |
| 3. | Nutraceuticals | | | | | | |
| | | Total Marks (Out of 30) | Average (Out of 2marks) | Attendance (8 marks) | Total (10 marks) | | |
| Total Marks obtained in Theory | | | | | | | |
| | | Total Marks (Out of 30) | Average (Out of 10 marks) | Attendance (4 marks) | Total (14 marks) | | |
| Total Marks obtained in Assignment | | | | | | | |
| | | Total Marks (Out of 30) | Average (Out of 10 marks) | Attendance (4 marks) | Total (14marks) | | |
| Total Marks obtained in Seminar | | | | | | | |

Remarks of HOD:

II SESSIONAL

| | | | | | | | |
|------------------------------------|--|----------------------------|-------------------------------|-------------------------|-----------------------|--|--|
| 4. | FSSAI, Source, name of marker compounds & health benefits of Spirulina, Garlic, Flax seeds | | | | | | |
| 5. | Phytopharmaceuticals | | | | | | |
| 6. | Pharmacovigilance of drugs of natural origin | | | | | | |
| | | Total Marks (Out of 30) | Average (Out of 2 marks) | Attendance (8 marks) | Total (10 marks) | | |
| Total Marks obtained in Theory | | | | | | | |
| | | Total Marks (Out of 30) | Average (Out of 8.5 marks) | Attendance (4 marks) | Total (12.5 marks) | | |
| Total Marks obtained in Assignment | | | | | | | |
| | | Total Marks (Out of 30) | Average (Out of 8.5 marks) | Attendance (4 marks) | Total (12.5 marks) | | |
| Total Marks obtained in Seminar | | | | | | | |

Remarks of HOD:

Sign. of Subject In-charge:

Sign. of Mentor:

Sign. of H.O.D



Children's Education Society (Regd.)

The Oxford College of Pharmacy

(Recognised by the Govt. of Karnataka, Affiliated 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: M Pharm I Semester

Student Name: SURYA G

Subject: Advanced Pharmacognosy-I

Reg: No: 23PG004

Staff In-charge: Chaithra K

| S. No | Name of the Chapter | Class test Date/mark (10) | Assignment Date/mark (10) | Seminar Date / Mark (10) | Regular Practical Viva Date/mark (10) | Marks | Sign |
|------------------------------------|--|----------------------------------|-------------------------------------|--------------------------------|--|-------|------|
| I SESSIONAL | | | | | | | |
| 1. | Plant Drug Cultivation | 18/1/24 07 | 11/01/24 10 | 12/1/24 09 | | | VB |
| 2. | Marine Natural Products | 8/2/24 07 | 22/2/24 10 | 19/1/24 08 | | | VB |
| 3. | Nutraceuticals | 15/3/24 08 | 15/3/24 10 | 23/2/24 09 | | | VB |
| Total Marks obtained in Theory | | Total Marks (Out of 30) 22 | Average (Out of 2 marks) 1.46 | Attendance (8 marks) 08 | Total (10 marks) 9.46 | | |
| Total Marks obtained in Assignment | | Total Marks (Out of 30) 30 | Average (Out of 10 marks) 10 | Attendance (4 marks) 04 | Total (14 marks) 14 | | |
| Total Marks obtained in Seminar | | Total Marks (Out of 30) 26 | Average (Out of 10 marks) 8.6 | Attendance (4 marks) 04 | Total (14 marks) 12.6 | | |
| Remarks of HOD: | | | | | | | |
| II SESSIONAL | | | | | | | |
| 4. | FSSAI, Source, name of marker compounds & health benefits of Spirulina, Garlic, Flax seeds | 18/4/24 09 | 28/3/24 10 | 5/4/24 09 | | | } |
| 5. | Phytopharmaceuticals | 25/4/24 09 | 4/4/24 10 | 12/4/24 09 | | | |
| 6. | Pharmacovigilance of drugs of natural origin | 21/5/24 09 | 21/5/24 10 | 19/4/24 09 | | | |
| Total Marks obtained in Theory | | Total Marks (Out of 30) 27 | Average (Out of 2 marks) 1.8 | Attendance (8 marks) 04 | Total (10 marks) 5.8 | | |
| Total Marks obtained in Assignment | | Total Marks (Out of 30) 30 | Average (Out of 10 marks) 10 | Attendance (4 marks) 04 | Total (14 marks) 14 | | |
| Total Marks obtained in Seminar | | Total Marks (Out of 30) 27 | Average (Out of 10 marks) 09 | Attendance (4 marks) 04 | Total (14 marks) 13 | | |
| Remarks of HOD: | | | | | | | |

Sign. of Subject In-charge:

Sign. of Mentor:

Sign. of H.O.D.



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

CIRCULAR

This is to inform that II-Sessional examination will commence from 30/9/24 to 10/10/24 for

II Sem B. Pharm – 30/9/24 to 07/10/24

IV Sem B. Pharm – 30/9/24 to 05/10/24

VI Sem B. Pharm – 30/9/24 to 07/10/24

VIII Sem B. Pharm – 30/9/24 to 09/10/24

II Sem M.Pharm Pharmaceutics – 03/10/24 to 07/10/24

II Sem M.Pharm Pharmacology – 03/10/24 to 07/10/24

II Sem M.Pharm Pharmacognosy – 03/10/24 to 07/10/24

End semester II Sem B. Pharm-08/10/24 to 10/10/24


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 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. G. Nagalakshmi


DEAN ACADEMICS
Dr. G. Parthasarathy


PRINCIPAL
Dr. Padma M Paarakh

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)

II SESSIONAL TIME TABLE FOR B PHARM VI SEM (OCT 2024)

| Date | Time | Subject |
|----------|-------------|---------------------------------------|
| 30/9/24 | 10-11:00 AM | Medicinal chemistry-III |
| 01/10/24 | 10-11:00 AM | Pharmacology- III |
| 03/10/24 | 10-11:00 AM | Herbal Drug Technology |
| 04/10/24 | 10-11:00 AM | Biopharmaceutics and Pharmacokinetics |
| 05/10/24 | 10-11:00 AM | Pharmaceutical Biotechnology |
| 07/10/24 | 10-11:00 AM | Pharmaceutical quality Assurance |

II Sessional Practical Time Table for B Pharm VI Semester

| Date | Subject | Batch | Time |
|----------------------|-------------------------|-------|--------------|
| 30/9/24 Monday | Medicinal chemistry-III | B-I | 1:30-4:00 PM |
| | Pharmacology- III | B-II | 1:30-4:00 PM |
| | Herbal Drug Technology | B-III | 1:30-4:00 PM |
| 01/10/24 Tuesday | Medicinal chemistry-III | B-II | 1:30-4:00 PM |
| | Pharmacology- III | B-III | 1:30-4:00 PM |
| | Herbal Drug Technology | B-IV | 1:30-4:00 PM |
| 03/10/24 Thursday | Medicinal chemistry-III | B-III | 1:30-4:00 PM |
| | Pharmacology- III | B-IV | 1:30-4:00 PM |
| | Herbal Drug Technology | B-I | 1:30-4:00 PM |
| 04/10/24 Friday | Medicinal chemistry-III | B-IV | 1:30-4:00 PM |
| | Pharmacology- III | B-I | 1:30-4:00 PM |
| | Herbal Drug Technology | B-II | 1:30-4:00 PM |



No.6/9, 1st 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)

Question paper scrutinizing committee

(EVEN SEMESTER)

The institution question paper scrutinizing committee as a part of its endeavor to conduct transparent continuous internal examination has conducted a meeting on 23/09/2024 to evaluate sessional question papers in line with lesson plan and teaching learning calendar and to finalize the appropriate one for conducting the sessional examination starting from 30/09/2024 for II, IV, VI, VIII semester B Pharm and II Semester M.Pharm.

The committee has reviewed a minimum of two sets of question paper from the following department for the second sessional examination:

SECOND SESSIONAL EXAMINATION

B. PHARM

| Department of Pharmaceutics | | | |
|--|--|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| BP403T | Physical Pharmaceutics II | ✓ | ✓ |
| BP604T | Biopharmaceutics and Pharmacokinetics | ✓ | ✓ |
| BP606T | Pharmaceutical Quality Assurance | ✓ | ✓ |
| BP801T | Biostatistics and Research Methodology | ✓ | ✓ |
| BP802T | Social and preventive pharmacy | ✓ | ✓ |
| BP809ET | Cosmetic Science | ✓ | ✓ |
| Department of Pharmacognosy | | | |
| BP405T | Pharmacognosy and Photochemistry I | ✓ | ✓ |
| BP603T | Herbal Drug Technology | ✓ | ✓ |
| BP806ET | Quality Control and Standardization of Herbals | ✓ | ✓ |
| Department of Pharmaceutical Chemistry | | | |
| BP202T | Pharmaceutical Organic Chemistry I | ✓ | ✓ |
| BP203T | Biochemistry | ✓ | ✓ |
| BP401T | Pharmaceutical Organic Chemistry III | ✓ | ✓ |
| BP402T | Medicinal Chemistry 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)

Question paper scrutinizing committee

(EVEN SEMESTER)

The institution question paper scrutinizing committee as a part of its endeavor to conduct transparent continuous internal examination has conducted a meeting on 23/09/2024 to evaluate sessional question papers in line with lesson plan and teaching learning calendar and to finalize the appropriate one for conducting the sessional examination starting from 30/09/2024 for II, IV, VI, VIII semester B Pharm and II Semester M.Pharm.

The committee has reviewed a minimum of two sets of question paper from the following department for the second sessional examination:

SECOND SESSIONAL EXAMINATION

B. PHARM

| Department of Pharmaceutics | | | |
|--|--|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| BP403T | Physical Pharmaceutics II | ✓ | ✓ |
| BP604T | Biopharmaceutics and Pharmacokinetics | ✓ | ✓ |
| BP606T | Pharmaceutical Quality Assurance | ✓ | ✓ |
| BP801T | Biostatistics and Research Methodology | ✓ | ✓ |
| BP802T | Social and preventive pharmacy | ✓ | ✓ |
| BP809ET | Cosmetic Science | ✓ | ✓ |
| Department of Pharmacognosy | | | |
| BP405T | Pharmacognosy and Photochemistry I | ✓ | ✓ |
| BP603T | Herbal Drug Technology | ✓ | ✓ |
| BP806ET | Quality Control and Standardization of Herbals | ✓ | ✓ |
| Department of Pharmaceutical Chemistry | | | |
| BP202T | Pharmaceutical Organic Chemistry I | ✓ | ✓ |
| BP203T | Biochemistry | ✓ | ✓ |
| BP401T | Pharmaceutical Organic Chemistry III | ✓ | ✓ |
| BP402T | Medicinal Chemistry I | ✓ | ✓ |



No.6/9, 1st 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)

| | | | |
|--|-------------------------------------|---|---|
| BP601T | Medicinal Chemistry III | ✓ | ✓ |
| BP811ET | Advanced Instrumentation Techniques | ✓ | ✓ |
| Department of Pharmacology | | | |
| BP201T | Human Anatomy and Physiology II | ✓ | ✓ |
| BP204T | Pathophysiology | ✓ | ✓ |
| BP404T | Pharmacology I | ✓ | ✓ |
| BP602T | Pharmacology III | ✓ | ✓ |
| BP605T | Pharmaceutical Biotechnology | ✓ | ✓ |
| BP810ET | Experimental Pharmacology | ✓ | ✓ |
| Department of Pharmacy Practice | | | |
| BP805ET | Pharmacovigilance | ✓ | ✓ |

M. PHARM (PHARMACEUTICS)

| Department of Pharmaceutics | | | |
|------------------------------------|--|---|---|
| MPH201T | Molecular Pharmaceutics (Nano Tech and Targeted DDS) | ✓ | ✓ |
| MPH202T | Advanced Biopharmaceutics & Pharmacokinetics | ✓ | ✓ |
| MPH203T | Computer Aided Drug Delivery | ✓ | ✓ |
| MPH204T | Cosmetic and Cosmeceuticals | ✓ | ✓ |

MPHARM (PHARMACOGNOSY)

| Department of Pharmagnosy | | | |
|----------------------------------|-------------------------------|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPG201T | Medicinal Plant biotechnology | ✓ | ✓ |
| MPG102T | Advanced Pharmacognosy-II | ✓ | ✓ |
| MPG203T | Indian system of medicine | ✓ | ✓ |
| MPG204T | Herbal cosmetics | ✓ | ✓ |

MPHARM (PHARMACOLOGY)



No.6/9, 1st 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)

| Department of Pharmacology | | | |
|----------------------------|--|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPL201T | Advanced Pharmacology II | ✓ | ✓ |
| MPL202T | Pharmacological and Toxicological Screening methods-II | ✓ | ✓ |
| MPL203T | Principles of Drug Discovery | ✓ | ✓ |
| MPL204T | Clinical research and Pharmacovigilance | ✓ | ✓ |

Based on the scrutinizing practices, the committee has finalized the following question paper bearing codes for the second sessional examination and the same is forwarded to the dean examination.

| Department of Pharmaceutics | | | |
|--|--|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| BP403T | Physical Pharmaceutics II | | ✓ |
| BP604T | Biopharmaceutics and Pharmacokinetics | | ✓ |
| BP606T | Pharmaceutical Quality Assurance | ✓ | |
| BP801T | Biostatistics and Research Methodology | | ✓ |
| BP802T | Social and preventive pharmacy | | ✓ |
| BP809ET | Cosmetic Science | | ✓ |
| Department of Pharmacognosy | | | |
| BP405T | Pharmacognosy and Photochemistry I | | ✓ |
| BP603T | Herbal Drug Technology | | ✓ |
| BP806ET | Quality Control and Standardization of Herbals | ✓ | |
| Department of Pharmaceutical Chemistry | | | |
| BP202T | Pharmaceutical Organic Chemistry I | | ✓ |
| BP203T | Biochemistry | | ✓ |
| BP401T | Pharmaceutical Organic Chemistry III | ✓ | |



No.6/9, 1st 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)

| | | | |
|--|-------------------------------------|---|---|
| BP402T | Medicinal Chemistry I | | ✓ |
| BP601T | Medicinal Chemistry III | | ✓ |
| BP811ET | Advanced Instrumentation Techniques | ✓ | |
| Department of Pharmacology | | | |
| BP201T | Human Anatomy and Physiology II | | ✓ |
| BP204T | Pathophysiology | ✓ | |
| BP404T | Pharmacology I | | ✓ |
| BP602T | Pharmacology III | ✓ | |
| BP605T | Pharmaceutical Biotechnology | | ✓ |
| BP810ET | Experimental Pharmacology | ✓ | |
| BP811ET | Advanced Instrumentation Techniques | | ✓ |
| Department of Pharmacy Practice | | | |
| BP805ET | Pharmacovigilance | | ✓ |

M. PHARM (PHARMACEUTICS)

| Department of Pharmaceutics | | | |
|------------------------------------|--|---|---|
| MPH201T | Molecular Pharmaceutics (Nano Tech and Targeted DDS) | ✓ | |
| MPH202T | Advanced Biopharmaceutics & Pharmacokinetics | ✓ | |
| MPH203T | Computer Aided Drug Delivery | | ✓ |
| MPH204T | Cosmetic and Cosmeceuticals | | ✓ |

MPHARM (PHARMACOGNOSY)

| Department of Pharmagnosy | | | |
|----------------------------------|-------------------------------|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPG201T | Medicinal Plant biotechnology | | ✓ |



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

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

| | | | |
|---------|---------------------------|---|---|
| MPG102T | Advanced Pharmacognosy-II | ✓ | |
| MPG203T | Indian system of medicine | | ✓ |
| MPG204T | Herbal cosmetics | | ✓ |

MPHARM (PHARMACOLOGY)

| Department of Pharmacology | | | |
|----------------------------|--|----------|-----------|
| Subject code | Subject Name | QP Set-I | QP Set-II |
| MPL201T | Advanced Pharmacology II | | ✓ |
| MPL202T | Pharmacological and Toxicological Screening methods-II | ✓ | |
| MPL203T | Principles of Drug Discovery | | ✓ |
| MPL204T | Clinical research and Pharmacovigilance | | ✓ |

P. Padma
Signature

Chairperson, Question Scrutinizing Committee



No.6/9, 1st 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)

Set - 1
S-1

B. PHARM RS5 SEMESTER - VI

SESSIONAL EXAM (Internal Assessment) -II

Date of Exam: 04/10/2024

| | | | |
|----------------------|--|--------------------|----------------------------|
| SUBJECT CODE: | BP604T | TOTAL MARKS | 30 |
| SUBJECT NAME: | Biopharmaceutics & Pharmacokinetics | EXAM HRS. | 1 hour 10-11 AM |

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.

| I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS | Marks | CO | Bloom's Taxonomy Level * |
|---|--------------|------------------|---------------------------------|
| 1. Discuss in detail one-compartment open model for a drug administered as IV Bolus. Give the schematic representation, graphs and equations for the same | 10 | CO (2) | L1 |
| 2. What do you understand by pharmacokinetic model? Classify the pharmacokinetic models, give their salient features, advantages and disadvantages. | 10 | CO (2) | L1 |
| II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS | | | |
| 3. Estimate K_m and V_{max} . OR Explain non-compartmental analysis based on statistical moments theory. | 5 | CO (2) CO (2) | L2 L1 |
| 4. How do you determine K_E using rate of excretion method from urine data. | 5 | CO (2) | L2 |
| III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS | | | |
| 5. Define loading and maintenance dose. Give the formula for the same | 2 | CO (4) | L1 |
| 6. What are mixed-order kinetics? | 2 | CO (2) | L1 |
| 7. Give Michaelis-Menten equation. Explain the terms. | 2 | CO (5) | L1 |
| 8. Accumulation index and its formula. | 2 | CO (4) | L1 |
| 9. Give schematic representation for two compartment open Model extravascular administration. | 2 | CO (2) | 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 basic concepts in biopharmaceutics and pharmacokinetics and their significance. |
| CO2 | Use of plasma drug concentration-time data to calculate the pharmacokinetic parameters to describe the kinetics of drug absorption, distribution, metabolism, excretion, elimination. |
| CO3 | Critically evaluate biopharmaceutical studies involving drug product equivalency |
| CO4 | Design and evaluate dosage regimens of the drugs using pharmacokinetic and biopharmaceutical parameters |
| CO5 | detect potential clinical pharmacokinetic problems and apply basic pharmacokinetic principles to solve them |

P. Padua

Not selected
forwarded to dsc
602



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

Set - II

S-II ✓

B. PHARM RS5 SEMESTER - VI SESSIONAL EXAM (Internal Assessment) -II

Date of Exam: 04/10/2024

| | | | |
|----------------------|--|--------------------|----------------------------|
| SUBJECT CODE: | BP604T | TOTAL MARKS | 30 |
| SUBJECT NAME: | Biopharmaceutics & Pharmacokinetics | EXAM HRS. | 1 hour 10-11 AM |

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.

| I LONG ESSAYS (ANSWER ANY ONE) 1X10 = 10 MARKS | Marks | CO | Bloom's Taxonomy Level * |
|---|--------------|------------------|---------------------------------|
| 1. Discuss in detail two-compartment open model for a drug administered as IV bolus. Give the schematic representation, graphs and equations for the same | 10 | CO (2) | L1 |
| 2. Explain non-compartmental analysis based on statistical moments theory. Give their applications, merits and demerits. | 10 | CO (2) | L1 |
| II SHORT ESSAYS (ANSWER ANY TWO) 2X5 = 10 MARKS | | | |
| 3. Explain physiological models and its types. Give their advantages and disadvantages. OR Explain the various factors causing non-linearity. | 5 | CO (2) CO (5) | L2 L1 |
| 4. How do you determine K_E using sigma minus method from urine data. | 5 | CO (2) | L2 |
| III SHORT ANSWERS (ANSWER ALL) 5X2 = 10 MARKS | | | |
| 5. Draw the blood level profiles for oral and intravenous route of administration | 2 | CO (1) | L1 |
| 6. Give the formula for AUMC and MRT. | 2 | CO (1) | L1 |
| 7. Enlist different pharmacokinetic parameters. | 2 | CO (2) | L1 |
| 8. Give Michaelis-Menten equation. Explain the terms. | 2 | CO (5) | L1 |
| 9. Give schematic representation for three compartment open Model extravascular administration. | 2 | CO (2) | 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 basic concepts in biopharmaceutics and pharmacokinetics and their significance. |
| CO2 | Use of plasma drug concentration-time data to calculate the pharmacokinetic parameters to describe the kinetics of drug absorption, distribution, metabolism, excretion, elimination. |
| CO3 | Critically evaluate biopharmaceutical studies involving drug product equivalency |
| CO4 | Design and evaluate dosage regimens of the drugs using pharmacokinetic and biopharmaceutical parameters |
| CO5 | detect potential clinical pharmacokinetic problems and apply basic pharmacokinetic principles to solve them |

Selected.

Forwarded to BSc

P. Padma

CVS



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

Course: B.Pharm VI SEM

Student Name:

Subject: Biopharmaceutics & Pharmacokinetics

Reg.: No:

Staff In-charge: Dr. VIKRAM. T

| S. No. | TOPIC | Class Test [10] | Home Assign [10] | | Sign |
|------------------------|---|-----------------|------------------|----------------|------------|
| I SESSIONAL | | | | | |
| 1. | Absorption and distribution | | | | |
| | | | | | |
| 2. | Elimination Bioavailability & Bioequivalence | | | | |
| | | | | | |
| | Total | | | | |
| | Average (allotted for Theory) | Class test [3] | Home assign [3] | Attendance [4] | Total [10] |
| | Average (obtained for Theory) | | | | |
| Remarks of HOD: | | | | | |
| II SESSIONAL | | | | | |
| 3. | Pharmacokinetics | | | | |
| | | | | | |
| 4. | Multicompartment models | | | | |
| | | | | | |
| 5. | Nonlinear Pharmacokinetics | | | | |
| | | | | | |
| | Total | | | | |
| | Average (allotted for Theory) | Class test [3] | Home assign [3] | Attendance [4] | Total [10] |
| | Average (obtained for Theory) | | | | |
| Remarks of HOD: | | | | | |

Sign. of subject In-charge

Sign. of Mentor

Sign. of H.O.D



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

Approved by Pharmacy Council of India, New Delhi)

Course: B.Pharm VI SEM

Student Name: HARSHATA-S.

Subject: Biopharmaceutics & Pharmacokinetics

Reg.: No: 18P1577

Staff In-charge: Dr. VIKRAM. T

| S. No. | TOPIC | Class Test [10] | Home Assign [10] | | Sign |
|-------------------------------|---|-----------------|------------------|----------------|------------|
| I SESSIONAL | | | | | |
| 1. | Absorption and distribution | 29/7/24 | 11/07/24 | | |
| | | 8-0 | 09 | | |
| 2. | Elimination Bioavailability & Bioequivalence | 5/8/24 | 18/7/24 | | |
| | | 8-5 | 8-5 | | |
| Total | | 16-5 | 17-5 | | |
| Average (allotted for Theory) | | Class test [3] | Home assign [3] | Attendance [4] | Total [10] |
| Average (obtained for Theory) | | 2.475 | 2.625 | 01. | 6-1 |

Remarks of HOD:

II SESSIONAL

| | | | | | |
|-------------------------------|----------------------------|----------------|-----------------|----------------|------------|
| 3. | Pharmacokinetics | 29/8/24 | 6/9/24 | | |
| | | 8-5 | 9-0 | | |
| 4. | Multicompartment models | 12/9/24 | 19/9/24 | | |
| | | 8-0 | 8-5 | | |
| 5. | Nonlinear Pharmacokinetics | 26/9/24 | 27/9/24 | | |
| | | 08 | 9-0 | | |
| Total | | 24-5 | 26-5 | | |
| Average (allotted for Theory) | | Class test [3] | Home assign [3] | Attendance [4] | Total [10] |
| Average (obtained for Theory) | | 2.45 | 2.65 | 2 | 7-1 |

Remarks of HOD:

Sign. of subject In-charge

Sign. of Mentor

Sign. of H.O.D