



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

EVALUATION OF ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOME BY THE INSTITUTION

The Oxford College of Pharmacy has a well-defined Course Outcomes for all course as per RGUHS Guideline. Those Course Outcomes (COs) are what the student should be able to do at the end of a course. The most important aspect of those COs are that it should be observable and measurable.

Each COs are assessed by using Direct assessment tools that reflect the knowledge level and skills of the students based on their performance in Continuous Assessment Test, Assignments, Tutorials, Concept Test etc. This Direct assessment is taken to attain individual Course Outcomes (COs) as per the university guidelines. As University has not given any POs so partial attainment only done and no weightage attainment is calculated.

When assessing student learning, two of the most common approaches followed by college are formative and summative assessments. The uses of a formative assessment is to gauge student understanding and identify knowledge gaps that may need extra work. Summative assessments are conducted at the end of a defined learning period and often represent the final grade for the course.



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P. Padma
PRINCIPAL



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Summary on Crosscutting Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum, Projects, Internship and Field work

The Oxford College of Pharmacy in Bangalore has incorporated a variety of courses into its curriculum, some of which aim to improve professional competencies and others of which aim to instil general competencies such as social ethical values, human values, environmental sensitivity, and so on, resulting in students' holistic development.

Ethics in education supports in educational system management and ensures that these behaviours contribute favourably to human well-being. The college has worked hard to provide value-based education to students in order to help them understand moral values and professional ethics, with the goal of strengthening values for a better citizen. Students in all pharmacy programmes are taught a variety of courses in order to instil and practise human values and professional ethics. Human values and professional ethics are addressed through the course "Pharmaceutical jurisprudence" offered in the V semester of UG programme.

Gender equality safeguards women and girls from harm. It is required for economic growth. The institution, imparting quality education to shape global leaders has firm belief in gender equity which is indispensable to ensure sustainable development of a country. To provide counselling to students, promote gender equity among students, and handle issues impacting the safety and security of female students, employees, and professors, the college has a Women's Grievance Cell.

To enhance awareness of environmental and sustainability issues, a variety of activities were organised for students from all programmes, including seminars, workshops, guest lectures, industry visits, and field excursions: The issues of Environment and Sustainability are addressed through the course "Environmental Studies" offered to pharmacy students in the V semester as well.

Projects/Internship/Fieldwork is an integral part of university syllabus which has been incorporate to impart the practical knowledge among students. The college has assigned well planned project works, internship practices and field works to the students of B.Pharm final year, M.Pharm final year & Pharm D



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fifth & sixth year. The projects & field works are well related & fulfil the present requirements of pharmacy field whereas internship gives an extensive idea of Clinical pharmacy to the students.

Signature

Dean Academic

Signature

Principal

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ACADEMIC CALENDER 2023-2024

1.	Last week of September 2023	Academic Curriculum meeting
2.	1st Week of Oct 2023 (4 OCT 2023) Tentatively	Inauguration & Orientation Commencement of Classes for I Sem B. Pharm and I Year Pharma.D.
3.	02.11.2023	Kannada Rajyotsava
4.	3 rd Week of Nov 2023	Seminar/Workshop/Journal Club/Guest lecture
5.	3 rd Week Dec 2023 (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, I & II-year PharmD (PB) & Commencement of Hospital Internship for VI PharmD and III PB students Commencement of Dissertation for M. Pharm III Sem Students
6.	4th Week of Dec 2023	Seminar/Workshop/Journal Club/Guest lecture
7.	4th Week of Jan 2024	Seminar/Workshop/Journal Club/Guest lecture
8.	27.01.2024	Republic Day
9.	2 nd Week of Feb 24	Seminar/Workshop/Journal Club/Guest lecture
10.	3 rd Week of Feb 2024	I-Sessional Examination for I, III, V and VII Sem of B. Pharm (RSS)/ I-PharmD
11.	3 rd Week of Feb 2024	Faculty Development Programme
12.	2 nd Week of Mar 2024	Seminar/Workshop/Journal Club/Guest lecture
13.	06.03.2024	ML Sharooof's Birthday celebration
14.	09.03.2024	International Women's Day
15.	3 rd Week of Mar 2024	II-Sessional Examination for (II, III, IV/I PB, V/ II (PB) PharmD & I Sem M. Pharm)
16.	3 rd Week of Mar 2024	Seminar/Workshop/Journal Club/Guest lecture
17.	15.04.2024	Dr. BR Ambedkar Jayanti Celebration
18.	4 th Week of Apr 2024	Non-University Examination (I Sem B. Pharm (Communication skills, Remedial Biology/Mathematics) & III Sem B. Pharm (Computer applications)
19.	2 nd Week of May 2024	II Sessional Examination for (I, III, V and VII Sem of B. Pharm (RSS)/ I Sem M. Pharm)
20.	3 rd Week of June 2024	Academic & Administrative audit
21.	May/ June 2024 (Tentatively)	RGUHS End Sem Exam -I, III, V and VII Sem of B. Pharm (RSS)/ I & III Sem M. Pharm (RSS) & RGUHS Supplementary Exam B. Pharm, M. Pharm, PharmD
22.	3 rd Week of June 2024	II Sessional Examination for (I, II, III, IV-I PB & V Pharm D, II PB)
23.	1 st Week of July 2024	Academic Curriculum meeting
24.	1 st Week of July 2024	Commencement of classes for Even semester II, IV, VI, VIII Sem B. Pharm/ II Sem M. Pharm & Dissertation for IV Sem M. Pharm
25.	1 st Week of July 2024	Seminar/Workshop/Journal Club/Guest lecture
26.	2 nd Week of July 2024	Seminar/Workshop/Journal Club/Guest lecture
27.	2 nd Week of Aug 2024	Seminar/Workshop/ Journal Club/Guest lecture
28.	16.08.2024	Independence Day Celebration
29.	3 rd Week of Aug 2024	I-Sessional Examination for (II, IV, VI & VIII Sem of B. Pharm (RSS)/II Sem M. Pharm (RSS)
30.	3 rd Week of Aug 2024	Faculty Development Programme
31.	1 st Week of Sep 2024	Seminar/Workshop/ Journal Club/Guest lecture
32.	1 st Week of Sep 2024	Cultural events
33.	05.09.2024	Teacher's Day Celebration



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34.	2 nd Week of Sep 2024	Online /Offline Alumni Meet-2024
35.	3 rd Week of Sep 2024	III Sessional Examination for I-V Pharm D, I & II Pharm D PB
36.	25.09.2024	Pharmacist's Day Celebration
37.	4th Week of Sep 2024	II-Sessional Examination- II, IV and VI Sem of B. Pharm (RS5)/ II Sem M.Pharm (RS5)
38.	1st Week of Oct 2024	Last Working Day of Academic Year 2023-24 For I-V Pharm D(RS2), I & II Pharm D PB (RS)

*Classes will be ongoing in line with the date of commencement of classes till last working day of Academic year 2023-2024.

*It is advised to conduct minimum of two seminars/ Workshops from each Department.

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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
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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



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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	✓	✓



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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	✓	✓





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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		✓





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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)





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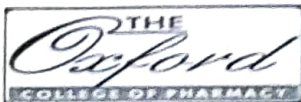
Department of Pharmacology			
Subject code	Subject Name	QP Set-I	QP Set-II
MPA101T	Modern Pharmaceutical Analytical Techniques		✓
MPL101T	Advanced Pharmacology-I		✓
MPL102T	Pharmacological and Toxicological Screening methods-I		✓
MPL103T	Cellular and Molecular Pharmacology	✓	

P. Prasad Signature

Chairperson, Question Scrutinizing Committee

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✓ Set ①
S-T

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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:

- 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 *
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

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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		

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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





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S-1

The Oxford College of Pharmacy

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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 <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



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S-II

The Oxford College of Pharmacy

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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			
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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
2. Write the problems faced in research on marine drugs such as Chemical screening and their solution.		7.5	CO 1
3. Write a note on ICAR in medicinal plant cultivation and importance of herbal drug industry.		7.5	CO 1
4. Describe in details cereals and grains and health drinks as nutraceuticals.		7.5	CO 3
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.			

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P. Padma

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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.


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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



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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	✓	✓



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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	✓	✓



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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)



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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	✓	





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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		✓



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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



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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
G-2



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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