



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

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

Est'd 1974

LIST OF ADD-ON COURSES FOR ACADEMIC YEAR 2021-2022

SL NO	Department	Name of add on Course	Course Code	Duration	Period (Date to Date)	Number of Students
1.	Department of Pharmaceutical chemistry	Course on Innovation in Green Chemistry	IGRCH 2021-22	30 hrs.	11/2/2022 to 4/6/2022	15
2.	Department of Pharmaceutical chemistry	Course on Applications of Molecular Docking in Pharmaceuticals	MDOC 2021-22	30 hrs.	1/1/2022 to 23/4/2022	15
3.	Department of Pharmaceutical chemistry	Course on Applied Bioinformatics	APBI 2021-22	30 hrs.	6/8/2022 to 15/10/2022	30
4.	Department of Pharmaceutics	Course on Hands on training for drug dose fixing and drug administration	HTDFA 2021-22	30 hrs.	5/1/2022 to 28/4/2022	13
5.	Department of Pharmaceutics	Course on Regulatory for Medical Devices Requirements	MDR 2021-2022	30 hrs.	3/1/2022 to 21/3/2022	10
6.	Department of Pharmaceutics	Course on Prescription Audit	PA 2021-22	30 hrs.	21/10/2021 to 13/1/2022	27
7.	Department of Pharmacognosy	Course in HPTLC and HPLC analysis of crude drugs	HACD 2021-22	30 hrs.	19/2/2022 to 13/5/2022	11
8.	Department of Pharmacognosy	Course in Monograph analysis of crude drugs	MACD 2021-22	30 hrs.	1/8/2022 to 22/10/2022	20
9.	Department of Pharmacognosy	Course in Natural immunity boosting drugs as therapeutic interventions	NIBD 2021-22	30 hrs.	1/8/2022 to 22/10/2022	20
10.	Department of Pharmacology	Course on In-Vitro Genotoxicity and Carcinogenicity studies	IGC 2021-22	30 hrs.	19/08/2022 to 02/12/2022	12
11.	Department of Pharmacology	Course on In-Vitro Mutagenicity and Teratogenicity activities	IMT 2021-22	30 hrs.	21/1/2022 to 14/5/2022	17

P. Padma



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12.	Department of Pharmacology	Course on Production and processing of biomolecules	PPB 2021-22	30 hrs.	6/8/2022 to 18/11/2022	11
13.	Department of Pharmacy practice	Course on Medical Transcription of Cardiovascular and respiratory diseases	MTCR 2021-22	30 hrs.	13/1/2022 to 26/3/2022	15
14.	Department of Pharmacy practice	Course on Rational use of antibiotics	RUA 2021-22	30 hrs.	6/8/2021 to 4/12/2021	9
15.	Department of Pharmacy practice	Course on Practice aspects and software's used in medical transcription	SMT 2021-22	30 hrs.	13/8/2021 to 11/12/2021	20
16.	Department of Pharmaceutical chemistry	Course on Research Methodology and Intellectual Property Rights	RMIPR 2021-22	30 hrs.	17/2/2022 to 5/5/2022	13
17.	Department of Pharmaceutical chemistry	Course on Pharma Marketing	PM	30 hrs.	07/01/2022 to 26/3/2022	10
18.	Department of Pharmaceutics	Course on Polymers and its application in Pharmaceuticals	PAP 2021-22	30 hrs.	7/1/2022 to 11/4/2022	10
19.	Department of Pharmaceutics	Course on Knowledge Enrichment on unit processing of Capsules	UPC 2021-22	30 hrs.	23/04/2022 to 28/6/2022	11
20.	Department of Pharmacognosy	Course on Applications of Plant tissue culture	PTC 2021-22	30 hrs.	12/2/2022 to 30/4/2022	15
21.	Department of Pharmacognosy	Course on Bioassay guided isolation and evaluation of herbal drugs	BAIEH 2021-22	30 hrs.	1/8/2022 to 17/10/2022	8
22.	Department of Pharmacology	Course on Detection of infectious disease by microbial typing	IMT 2021-22	30 hrs.	9/4/2022 to 23/7/2022	26
23.	Department of Pharmacology	Course on In-Vivo Pharmacological studies using alternative animal models	ASP 2021-2022	30 hrs.	9/4/2022 to 17/6/2022	10



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24.	Department of Pharmacy practice	Course on Statistical analysis system in clinical research	SAS 2021-22	30 hrs.	10/1/2022 to 26/3/2022	10
25.	Department of Pharmacy practice	Course on Understanding clinical documents and SOAP analysis	UCDSA 2021-22	30 hrs.	19/2/2022 to 7/5/2022	11

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COURSE ON INNOVATION IN GREEN CHEMISTRY

(COURSE CODE: IGRCH 2021-22)

NOTICE

Date: 1-2-2022

To

Notice Board

To be read in the class rooms

Course Coordinator-Mr. Akshay C,

To be filed

The Oxford College of Pharmacy, Bangalore introduces **30 hours** course on Innovation in green Chemistry for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 11th Feb 2022. The class will be conducted every Friday and Saturday after the college hours. The eligibility criteria include students pursuing Pharmacy degree, that is M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate). Interested students can enroll with Mr. Akshay C, course coordinator on or before 10th Feb 2022.

CO-ORDINATOR

Akshay C

HOD

Dr Jyoti Shrivastava

PRINCIPAL

Dr Padma M. Paarakh



Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Jyoti Shrivastava Department of Pharmaceutical Chemistry TOCP, Bangalore.
Program Coordinators	Mr. Akshay C Department of Pharmaceutical Chemistry TOCP, Bangalore.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm B. Pharm, M Pharm, Pharm D and Pharm D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, M Pharm, Pharm D and Pharm D (Post Baccalaureate)

For Further Information

Contact

Mr. Akshay C

Assistant Professor

Department of Pharmaceutical
Chemistry

TOCP, Bangalore

Email:

akshaybkn88@gmail.com

Course

on

**“INNOVATION IN GREEN
CHEMISTRY”**



Organized by

**THE OXFORD COLLEGE OF
PHARMACY**

Department of Pharmaceutical Chemistry,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Duration: 30 hours

Late date for Registration:-10/02/2022

Date of commencement:11/02/2022

**Date of examination: After completion
of 30hours classes**

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Mr Akshay C 7025784594

STRUCTURE

- Course will be conducted for total **30 hours** after the college hours.
- Course will be conducted through Offline mode.
- Every Friday and Saturday. (offline).

COURSE DESCRIPTION

The Department of Pharmaceutical Chemistry, TOCP , Bangalore introduces a thirty hours course on **INNOVATION IN GREEN CHEMISTRY** (Course Code: IGRCH 2021-22). This course offers the basic knowledge about the Green chemistry which can be applied in the drug development.

OBJECTIVES OF PROGRAM

- The course provides the knowledge on chemical processes and modern synthetic methods.
- It mainly focused on the design of chemical products and process that minimize or eliminate the use and generation of hazardous substances.
- This certificate course will help the students in design new methods of synthesis and use of alternate chemical reaction pathways for designing molecule.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus .

DURATION

- **Thirty hours.**

OUTCOME

- Design chemical processes that reduce or eliminate the use or generation of hazardous substances.
- Design, develop and implement synthetic chemical schemes and processes on different chemical methods.
- Use of eco friendly chemicals.

REGISTRATION PROCESS

- ☐ Contact your course coordinators and register.



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COURSE ON INNOVATION IN GREEN CHEMISTRY

(Course Code: IGRCH 2021-22)

List of Students

S.No	Student Name	Signature
1	KAVIARASAN M	Kavi
2	KIRAN CHAND	Kiran
3	KUSHAN RAJ P	Kushan
4	LAXMI SAGAR S	Sagar
5	MADALA INDRANI	Manu
6	MADHAN PRASAD M	Prasad
7	MADHU T	Madu
8	MAHESH GOWDA BN	Gowda
9	MANASA P	Manasa
10	MANOHAR S	Manu
11	MANOJ M	Manoj
12	MD ARIF IRFANI	Arif
13	MEENA D	Meena
14	MD ALI N	MD. ALI
15	MD SHAFIULLA K	Shafiullah

CO-ORDINATOR

Akshay C

HOD

Dr. Jyoti Shrivastava

P. Padma

PRINCIPAL

Dr. Padmaa M Paarakh



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COURSE ON INNOVATION IN GREEN CHEMISTRY

(Course Code: IGRCH 2021-22)

SYLLABUS

MODULE	TOPIC
Module I	Green chemistry
	Introduction green chemistry
	History of green chemistry
	Principles of green chemistry
	Prevention
	Atom economy
	Less hazardous chemical synthesis
	Designing safer chemical
	Safer solvents and auxiliaries
	Design for energy efficiency
	Use of renewable feedstocks
Module II	Reduce derivatives
	Principles of green chemistry
	Catalysis
	Design for degradation
	Real time analysis for pollution prevention
	Inherently benign chemistry for accident prevention
	Microwave assisted organic synthesis
	Microwave irradiation
	Mechanism of microwave
	A) Dielectric Heating
	B) Dipolar Polarization Mechanism
C) Conduction Mechanism	
Module III	Conventional heating and microwave heating
	Technique of microwave system
	Domestic house hold oven
	Reflux system
	Pressurized system
	Continuous flow system
	Microwave synthesis of nanoparticle
	Microwave synthesis
	Microwave assisted peptide synthesis
	Ultrasound Assisted Organic synthesis
	Introduction of UAOS
Types of sonochemical reaction	
Ultrasound assisted synthesis of heterocycle	


COURSE CO-ORDINATOR

MR. AKSHAY C


HOD

DR JYOTI SHRIVASTAVA


PRINCIPAL

DR. PADMAA M PAARAKH



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COURSE IN INNOVATION IN GREEN CHEMISTRY

(Course Code: IGRCH 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	11/02/2022	FRIDAY	4:30-6:00 PM	INAUGURATION AND MODULE I	Akshay C
2	18/02/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
3	25/02/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
4	04/03/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
5	11/03/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
6	18/03/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
7	25/03/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
8	01/04/2022	FRIDAY	4:30-5:30 PM	MODULE I	Akshay C
9	02/04/2022	SATURDAY	1:30-2:30 PM	MODULE I	Akshay C
10	02/04/2022	SATURDAY	3:00-4:00 PM	MODULE I	Akshay C
11	08/04/2022	FRIDAY	4:30-5:30 PM	MODULE II	Akshay C
12	15/04/2022	FRIDAY	4:30-5:30 PM	MODULE II	Akshay C
13	22/04/2022	FRIDAY	4:30-5:30 PM	MODULE II	Akshay C
14	23/04/2022	SATURDAY	2:30-3:30 PM	MODULE II	Akshay C
15	29/04/2022	FRIDAY	4:30-5:30 PM	MODULE II	Akshay C
16	30/04/2022	SATURDAY	1:30-2:30 PM	MODULE II	Akshay C
17	30/04/2022	SATURDAY	3:00-4:00 PM	MODULE II	Akshay C
18	06/05/2022	FRIDAY	4:30-5:30 PM	MODULE II	Akshay C
19	07/05/2022	SATURDAY	1:30-2:30 PM	MODULE II	Akshay C
20	07/05/2022	SATURDAY	3:00-4:00 PM	MODULE II	Akshay C
21	13/05/2022	FRIDAY	4:30-5:30 PM	MODULE III	Akshay C



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22	14/05/2022	SATURDAY	1:30-2:30 PM	MODULE III	Akshay C
23	14/05/2022	SATURDAY	3:00-4:00 PM	MODULE III	Akshay C
24	20/05/2022	FRIDAY	4:30-5:30 PM	MODULE III	Akshay C
25	21/05/2022	SATURDAY	1:30-2:30 PM	MODULE III	Akshay C
26	21/05/2022	SATURDAY	3:00-4:00 PM	MODULE III	Akshay C
27	27/05/2022	FRIDAY	4:30-5:30 PM	MODULE III	Akshay C
28	28/05/2022	SATURDAY	1:30-2:30 PM	MODULE III	Akshay C
29	28/05/2022	SATURDAY	3:00-4:00 PM	MODULE III	Akshay C
30	03/06/2022	FRIDAY	4:30-5:30 PM	MODULE III	Akshay C
31	04/06/2022	SATURDAY	1:30-2:30 PM	Valedictory	Valedictory


CO-ORDINATOR

Akshay C


HOD

Dr Jyoti shrivastava


PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON INNOVATION IN GREEN CHEMISTRY

(Course Code: IGRCH 2021-22)

OUTCOME REPORT

The Department of Pharmaceutical Chemistry, The Oxford College of Pharmacy, Bangalore- 560068, had completed course in INNOVATION IN GREEN CHEMISTRY 2021-22 (Course Code: IGRCH 2021-22). 15 students were registered and the course was conducted for 30 hours. This course trained registrants to have a key information throughout the Green chemistry process. The course provided knowledge on chemical processes and modern synthetic methods.

Outcomes : At the end of this course students were able to

- Design chemical processes that reduce or eliminate the use or generation of hazardous substances.
- Design, develop and implement chemical products and processes on different chemical method.
- Understand the use of eco-friendly chemicals.

The students were satisfied and were keen to attend such programs in future.

CO-ORDINATOR

Akshay C

HOD

Dr Jyothi Shrivastava

PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON INNOVATION IN GREEN CHEMISTRY

(Course Code: IGRCH 2021-22)

Completion Report

The Department of Pharmaceutical Chemistry, The Oxford college of Pharmacy, Bangalore, conducted a course on Innovation in green chemistry (Course Code:GRCH 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the innovations of Green chemistry to benefit them design chemical processes that reduce or eliminate the use or generation of hazardous substances.

The course was started with a inaugural function by welcoming the Principal Dr. Padmaa M Paarakh. The function was conducted at seminar room. All the participants were introduced by Mrs Pradeepa Prasad, Assistant professor Department of Pharmaceutical chemistry. 15 students joined for the function. The inaugural function has been summed up with the introductory lecture of course coordinator Mr. Akshay C.

Total 30 hours course had been conducted after the college hours on Friday and Saturday. Total 15 students were enrolled for this course.

The syllabus of the course had been divided into three modules. After the completion of each modules an internal assessment was conducted and overall test was conducted. The results of module I, II, III were analysed. Approximately 60 % students scored grade A (marks percentage-95-100%) in all the tests followed by 20 % who scored grade B (marks percentage-90-94%) and 20% scored grade C (marks percentage-85-80 %) and 0% Scored D (marks percentage-80-84%). The performance of the students in the tests were found good. About eighty percentage of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 4-6-22 and the participation certificate were distributed to all 15 students by the Principal Dr. Padmaa M.Paarakh and Head of the Department Dr Jyoti Shrivastava. Dr. Jyoti, thanked Principal madam and management for providing best infrastructure for carrying out such courses. On behalf of department, she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students for this course and congratulate the Department of Pharmaceutical Chemistry and the course coordinator Mr Akshay C for successful completion of the course.

CO-ORDINATOR

Mr. Akshay C

HOD

Dr Jyoti Shrivastava

PRINCIPAL

Dr Padmaa M P aarakh



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COURSE ON APPLICATIONS OF MOLECULAR DOCKING IN PHARMACEUTICALS

(Course Code: MDOC 2021-22)

NOTICE

Date: 20-12-2021

To

Notice Board

To be read in the class rooms

Course Coordinators - Mrs. Pradeepa Prasad & Mr. Akshay C

To be filed

The Oxford College of Pharmacy, Bangalore introduces **30 hours** course on **APPLICATIONS OF MOLECULAR DOCKING IN PHARMACEUTICALS** for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm. D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 1st Jan 2022 and will be conducted every Saturday after regular class hours. The eligibility criteria include students pursuing Pharmacy degree, that is M. Pharm, B. Pharm, Pharm. D and Pharm D (Post Baccalaureate) students. Interested students can enroll with Mrs. Pradeepa Prasad, & Mr. Akshay C, course coordinators on or before 30th Dec 2021.

COURSE CO-ORDINATORS

Mrs. Pradeepa Prasad

Mr. Akshay C

HOD

Dr. Jyoti Shrivastava

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Dr Padmaa M. Paarakh

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Organizing Committee

Dr. Padmaa M Paarakh,

Principal,
TOCP, Bangalore.

Chairman

Dr Jyoti Shrivastava
Department of
Pharmaceutical Chemistry
TOCP, Bangalore.

HOD

Mrs. Pradeepa Prasad &
Mr. Akshay C
Department of
Pharmaceutical Chemistry
TOCP, Bangalore.

Program
Coordinators

For Further Information Contact

Mrs. Pradeepa Prasad

Assistant Professor
Department of Pharmaceutical
Chemistry
TOCP, Bangalore

Email: pradeepapharm@gmail.com

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., M. Pharm B. Pharm, Pharm. D and Pharm. D (Post-Baccalaureate)

Course On “APPLICATIONS OF MOLECULAR DOCKING IN PHARMACEUTICALS”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutical Chemistry,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Duration: **30 hours**

Late date for Registration:-30/12/2021

Date of commencement:01/01/2022

Date of examination: After completion
of 30hours classes

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Mrs Pradeepa Prasad 8921969168

STRUCTURE

- Course will be conducted for **30 hours**.
- Course will be conducted through offline mode.
- Course will be conducted every Saturday after the college hours. (offline).

COURSE DESCRIPTION

The Department of Pharmaceutical Chemistry, TOCP, introduces a thirty hours certificate course on Applications Of Molecular Docking Pharmaceuticals (Course Code: MDOC 2021-22). This course offers the basic knowledge about the Docking tools which can be applied in the drug development research activities

OBJECTIVES OF PROGRAM

- The course provides the knowledge about the most frequently used methods in structure-based drug design.
- This docking study helps the students to analyse the conformation and orientation of molecules into the binding site of a macromolecular target.
- It provides the students to study on various software used for molecular docking studies.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus.

DURATION

Thirty hours.

OUTCOME

- This course will provides various docking methods, which is used in drug discovery studies and to develop the desired three-dimensional structures of compounds.
- Students will learn about methods used to estimate a compound's biological activity by looking at how it interacts with prospective targets.

REGISTRATION PROCESS

- Contact your course coordinators and register.



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COURSE ON APPLICATION OF MOLECULAR DOCKING IN PHARMACEUTICALS

(Course Code: MDOC 2021-22)

REGISTRATION LIST

S.No	Student Name	Signature
1	PAVITHRA S	
2	PAVITHRAN V	
3	POTLURI BHAVYA	
4	PRAKASH R	
5	PRASANTH S	
6	PRATHIKSHA KOTARI	
7	PRATIK JAIN	
8	PRITI DAS	
9	RAGAVENDIRAN S	
10	RAJESH B	
11	RAMYA A	
12	RANJITHA RAMESH SHETTY	
13	RANJITH KUMAR R	
14	ROHINI S	
15	ROOPESH R	

COURSE COORDINATORS

Mrs. Pradeepa Prasad
Mr. Akshay C

HOD

Dr. Jyoti Shrivastava

PRINCIPAL

Dr. Padmaa M. Paarakh



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Children's Education Society (Regd.)

The Oxford College of Pharmacy

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COURSE ON APPLICATIONS OF MOLECULAR DOCKING IN PHARMACEUTICALS

(Course Code: MDOC 2021-22)

SYLLABUS

MODULE	TOPIC
Module I	Introduction to Molecular Docking
	Introduction
	Molecular Docking Models
	Experimental Methods, Computational Docking
	Docking Classification
	Molecular Complementarity
	Molecular based Docking, Rigid docking, Flexible Docking
	Molecular Flexibility
Module II	Types and Mechanics of Docking
	Specialized types of docking
	Hydrated and Metal ion docking
	Mechanics of docking
	Molecular Representation
	Scoring methods and functions
	Search Algorithms
	Two Docking Philosophies
	Target selection and preparation, Ligand selection and Preparation
Docking	
Module III	Evaluation
	Evaluating docking results
	Docking Algorithms
	Drug Properties
	Binding properties Of Target & Ligand
	Drug Likeness & Properties -Solubility and Molecular weight
	Drug Scores
	Lipinski's Rule and Veber rule
	Drug properties calculation
	Application of Molecular Docking
Practical Consideration	

COURSE COORDINATORS

HOD

PRINCIPAL

Mrs. Pradeepa Prasad

Dr. Jyoti Shrivastava

Dr. Padmaa M. Paarakh

Mr. Akshay C

PRINCIPAL

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COURSE ON APPLICATIONS OF MOLECULAR DOCKING IN PHARMACEUTICALS (Course Code: MDOC 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	01/01/2022	SATURDAY	1:30-2:30 PM	INAUGURAL & MODULE 1	Mrs Pradeepa Prasad
2	01/01/2022	SATURDAY	03:00-04:00 PM	MODULE 1	Mrs Pradeepa Prasad
3	08/01/2022	SATURDAY	1:30-2:30 PM	MODULE 1	Mrs Pradeepa Prasad
4	08/01/2022	SATURDAY	03:00-04:00 PM	MODULE 1	Mrs Pradeepa Prasad
5	15/01/2022	SATURDAY	1:30-2:30 PM	MODULE 1	Mrs Pradeepa Prasad
6	15/01/2022	SATURDAY	03:00-04:00 PM	MODULE 1	Mrs Pradeepa Prasad
7	22/01/2022	SATURDAY	1:30-2:30 PM	MODULE 1	Mrs Pradeepa Prasad
8	22/01/2022	SATURDAY	03:00-04:00 PM	MODULE 1	Mrs Pradeepa Prasad
9	29/01/2022	SATURDAY	1:30-2:30 PM	MODULE 1	Mrs Pradeepa Prasad
10	29/01/2022	SATURDAY	03:00-04:00 PM	MODULE 1	Mrs Pradeepa Prasad
11	05/02/2022	SATURDAY	1:30-2:30 PM	MODULE 2	Mr Akshay C
12	05/02/2022	SATURDAY	03:00-04:00 PM	MODULE 2	Mr Akshay C
13	12/02/2022	SATURDAY	1:30-2:30 PM	MODULE 2	Mr Akshay C
14	12/02/2022	SATURDAY	03:00-04:00 PM	MODULE 2	Mr Akshay C
15	19/02/2022	SATURDAY	1:30-2:30 PM	MODULE 2	Mr Akshay C
16	19/02/2022	SATURDAY	03:00-04:00 PM	MODULE 2	Mr Akshay C
17	26/02/2022	SATURDAY	1:30-2:30 PM	MODULE 2	Mr Akshay C
18	26/02/2022	SATURDAY	03:00-04:00 PM	MODULE 2	Mr Akshay C
19	05/03/2022	SATURDAY	1:30-2:30 PM	MODULE 2	Mr Akshay C
20	05/03/2022	SATURDAY	03:00-04:00 PM	MODULE 2	Mr Akshay C
21	12/03/2022	SATURDAY	1:30-2:30 PM	MODULE 3	Mrs Pradeepa Prasad
22	12/03/2022	SATURDAY	03:00-04:00 PM	MODULE 3	Mrs Pradeepa Prasad
23	19/03/2022	SATURDAY	1:30-2:30 PM	MODULE 3	Mrs Pradeepa Prasad
24	19/03/2022	SATURDAY	03:00-04:00 PM	MODULE 3	Mrs Pradeepa Prasad



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25	26/03/2022	SATURDAY	1:30-2:30 PM	MODULE 3	Mrs Pradeepa Prasad
26	26/03/2022	SATURDAY	03:00-04:00 PM	MODULE 3	Mrs Pradeepa Prasad
27	09/04/2022	SATURDAY	1:30-2:30 PM	MODULE 3	Mrs Pradeepa Prasad
28	09/04/2022	SATURDAY	03:00-04:00 PM	MODULE 3	Mrs Pradeepa Prasad
29	16/04/2022	SATURDAY	1:30-2:30 PM	MODULE 3	Mrs Pradeepa Prasad
30	16/04/2022	SATURDAY	03:00-04:00 PM	MODULE 3	Mrs Pradeepa Prasad
31	23/04/2022	SATURDAY	1:30-2:30 PM	VALEDICTORY	VALEDICTORY

COURSE CO-ORDINATORS

Mrs. Pradeepa Prasad

Mr. Akshay C

HOD

Dr. Jyoti Shrivastava

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh

PRINCIPAL

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



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COURSE ON APPLICATION OF MOLECULAR DOCKING IN PHARMACEUTICALS

(Course Code: MDOC 2021-22)

OUTCOME REPORT

The Department of Pharmaceutical Chemistry, The Oxford College of Pharmacy, Bangalore- 560068, completed a course on APPLICATIONS OF MOLECULAR DOCKING IN PHARMACEUTICALS (Course Code: MDOC 2021-22). 15 students were registered and the course was conducted for **30 hours**. This course trains registrants to have a thorough knowledge about the docking theory that will be quite helpful in the further studies and research activities. The course focuses on the various theories and concepts of molecular docking, virtual screening and its practical application.

Course Outcome: At the end of this course students were able to

- Handle various software used for molecular docking studies.
- Learn the most frequently used methods of structure-based drug design.
- Use various docking methods, which are used in drug discovery studies and to develop the desired three-dimensional structures of compounds.
- Learn about methods used to estimate a compound's biological activity by looking at how it interacts with prospective targets.

The students were satisfied and were keen to attend such programs in future.

COURSE COORDINATORS

Mrs. Pradeepa Prasad

Mr. Akshay C

HOD

Dr. Jyoti Shrivastava

PRINCIPAL

Dr. Padmaa M. Paarakh





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COURSE ON APPLICATION OF MOLECULAR DOCKING IN PHARMACEUTICALS

(Course Code: MDOC 2021-22)

COMPLETION REPORT

The Department of Pharmaceutical Chemistry, The Oxford college of Pharmacy, Bangalore, conducted a course on Application of Molecular Docking In Pharmaceuticals (Course Code: MDOC 2021-22) for the academic year 2021-22. The course was intended to provide knowledge to the students about the basics of Molecular Docking to benefit them about the various virtual screening techniques, software for the design novel drugs and analysis of the data from experimental work. This course had given enough knowledge to understand methods of drug design, virtual analysing methods, docking and carrying out research in their future.

The course was started with a formal inaugural function started by welcoming the Principal Dr. M. Padmaa M Paarakh. All the participants were introduced by Mrs Pradeepa Prasad, Course Coordinator. About 15 students joined the meeting. Our Principal and Chairman had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Mr. Akshay C.

A total thirty hours course had been conducted on Saturdays. 15 students were enrolled for the course. The syllabus of the certificate course had been divided into three modules. After the completion of each modules an internal assessment was conducted and overall test was conducted after the completion of the course.

The final results of the tests conducted for module I, II, III, and approximately 34.2% students scored grade A (marks percentage-91-100%) in all the tests followed by 45% who scored grade B (marks percentage-81-90%) and 16.7% scored grade C (marks percentage-71-80 %) and 4.2 % scored grade D (marks percentage-61-70%). The performance of the students in the tests were found to be excellent. About 78% of the students had scored more than 80% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.

The valedictory function has been conducted on 23/04/2022 and the course participation certificates were distributed to all 15 students by the Principal Dr Padmaa M Paarakh and Head of the Department Dr Jyoti Shrivastava. Dr Jyoti Shrivastava, thanked Principal madam and management for providing the best infrastructure for carrying out such courses. On behalf of the department, she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and congratulate the Department of Pharmaceutical Chemistry, and the course coordinators Mr Akshay C and Mrs Pradeepa Prasad for successful completion of the course.

COURSE COORDINATORS

Mrs. Pradeepa Prasad

Mr. Akshay C

HOD

Dr. Jyoti Shrivastava

PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON APPLIED BIOINFORMATICS

(COURSE CODE: APBI 2021-22)

Notice

Date: 18-07-2022

To

Notice Board



To be read in the class rooms

Course Coordinators -Mrs. Vishnupriya S & Mrs Pradeepa Prasad

To be filed.

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on **Applied Bioinformatics** for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 6th Aug 2022 and will be conducted after the college hours on Thursday, Friday, and Saturday. The eligibility criteria include students pursuing Pharmacy degree, that is M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post Baccalaureate) students. Interested students can enroll with Mrs. Vishnupriya S & Mrs Pradeepa Prasad, course coordinators on or before 28th July 2022.

Course Coordinators

Mrs Vishnupriya S 
Mrs Pradeepa Prasad 


HOD

Dr Jyoti Shrivastava


PRINCIPAL

Dr Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Jyoti Shrivastava Department of Pharmaceutical Chemistry TOCP, Bangalore.
Program Coordinator	Mrs. Vishnupriya S & Mrs. Pradeepa prasad Department of Pharmaceutical Chemistry TOCP, Bangalore.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

For Further Information Contact

Mrs. Vishnupriya S
Assistant Professor
Department of Pharmaceutical
Chemistry
TOCP, Bangalore
Email: vishnupriya423@gmail.com

Course

On

“APPLIED BIOINFORMATICS”



Estd. 1974

Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutical Chemistry,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Duration: **30 hours**

Late date for Registration:-28/07/2022

Date of commencement:06/08/2022

Date of examination: After completion of
30hours classes

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e.,
M. Pharm, B. Pharm, Pharm. D and
Pharm. D (Post-Baccalaureate)

REGISTRATION

Registration Fees

NIL

It is a free course offered by The Oxford College of Pharmacy Bangalore-68

Contact person for registration

Mrs Vishnupriya S

8523960267

Mrs Pradeepa Prasad

8921969168

STRUCTURE

- Course will be conducted for total **30 hours** after the college hours.
- Course will be conducted through offline mode.
- Every Thursday, Friday and Saturday (Offline)

COURSE DESCRIPTION

The Department of Pharmaceutical Chemistry, TOCP , Bangalore introduces a thirty hours course on Applied Bioinformatics (Course Code: APBI 2021-22). This course offers the basic knowledge about the Bioinformatics tools which can be applied in the drug development.

OBJECTIVES OF TRAINING PROGRAM

TRAINING PROGRAM

- Through Bioinformatics studies analyses and provides key information throughout the entire drug discovery and development process
- Pharmaceutical bioinformatics one can gain the knowledge about research field related to bioinformatics and also can focus on studying biological and chemical processes in the pharmaceutical area; to understand how molecules interact with the human body and the drug discovery process

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus.

- **Thirty hours**

DURATION

OUTCOME

- This course will provides the uses of wide range of drug-related databases and software's, which can be used for various purposes, related to drug designing and development process.
- Students will learn about more methods for efficient target discovery and validation approaches
- Students will learn about predicting and understanding drug metabolism (biotransformation) including information regarding the structure-metabolism relationships.

REGISTRATION PROCESS

- Contact your course coordinators and register.



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Course on APPLIED BIOINFORMATICS

(Course Code: APBI 2021-22)

Registration list

S.No	Student Name	Signature
1	Abhishek J	<i>Abhishek J</i>
2	Ameen Khan	<i>Ameen Khan</i>
3	Anand Krishna C	<i>Anand Krishna</i>
4	Arjun MN	<i>Arjun</i>
5	Ashmitha Modak	<i>Ashmitha</i>
6	Bhuwaneswary	<i>Bhuwaneswary</i>
7	Bindu	<i>Bindu</i>
8	Bindu B N	<i>Bindu</i>
9	Chaithra Shree.N	<i>Chaithra Shree.N</i>
10	Chethan.G.K	<i>Chethan</i>
11	Christina James	<i>Christina James</i>
12	Deepak Datta.B.R	<i>D. Datta</i>
13	Ehtesham Qureshi	<i>Ehtesham</i>
14	Madhumitha Rajmohan	<i>Madhumitha</i>
15	Manjunath T	<i>Manjunath</i>
16	Nagaspondana	<i>Nagaspondana</i>
17	Prathiba.V	<i>Prathiba</i>
18	Prem Raj T	<i>Prem Raj T</i>
19	Ragavi.V	<i>Ragavi</i>
20	Rahul.V	<i>Rahul</i>
21	Rajdeep Kaur	<i>Rajdeep</i>
22	Sahana.K	<i>Sahana</i>
23	Saurabh Singh	<i>Saurabh Singh</i>
24	Shiva Kumar.G	<i>Shiva Kumar.G</i>
25	Sinchana D P	<i>Sinchana D.P.</i>
26	Supraja.R	<i>Supraja</i>
27	Sureksha.R.Rai	<i>Sureksha</i>
28	Tharani shree.K	<i>Tharani shree</i>
29	Touqeer Ahmad Bhat	<i>Touqeer</i>
30	Vishal Sasi Kannan	<i>Vishal</i>

Course Coordinators

Mrs Vishnupriya S *Vishnupriya*

Mrs Pradeepa Prasad *Pradeepa*

HOD

Dr Jyoti Shrivastava *Jyoti*

PRINCIPAL

Dr Padmaa M Paarakh *Padma*



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Course on Applied Bioinformatics

(Course Code: APBI 2021-22)

SYLLABUS

MODULES	TOPICS
MODULE - I	Introduction to bioinformatics
	Historical Overview of bioinformatics
	Objective of bioinformatics
	Broad coverage of bioinformatics
	Components of bioinformatics
	Human genome project
	Biological Databases
	Internet and Bioinformatics
	Knowledge discovery of bioinformatics
	Bioinformatics and molecular medicine
	Genomic medicine
	Medical informatics vs bioinformatics
	Bioinformatics database
	Classification of bioinformatics
Primary database secondary database	
MODULE - II	Proteins database
	Molecular modelling
	Quantum mechanics
	Ab initio method
	Density function theory
	Semi empirical molecular orbital methods
	Molecular mechanics
	Molecular mechanics and energy minimization
	Homology modelling
	Structure and prediction by homology modelling
	Steps of homology modelling
	De novo drug design
	Molecular dynamics method
	Applications
Limitations of bioinformatics	

COURSE COORDINATORS:


HOD


PRINCIPAL

Mrs VISHNUPRIYA S 

Dr JYOTI SHRIVASTAVA

Dr PADMAA M PAARAKH

Mrs PRADEEPA PRASAD 



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Course on **APPLIED BIOINFORMATICS** (Course Code: APBI 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	6-8-2022	Saturday	1.30-2.30	Inauguration and Module- 1	Mrs Pradeepa prasad
2	11-8-2022	Thursday	4.30-5.30	Module-1	Mrs Pradeepa prasad
3	12-8-2022	Friday	4.30-5.30	Module-1	Mrs Pradeepa prasad
4	13-8-2022	Saturday	1.30-2.30	Module-1	Mrs Pradeepa prasad
5	18-8-2022	Thursday	4.30-5.30	Module-1	Mrs Pradeepa prasad
6	19-8-2022	Friday	4.30-5.30	Module-1	Mrs Pradeepa prasad
7	20-8-2022	Saturday	1.30-2.30	Module-1	Mrs Pradeepa prasad
8	25-8-2022	Thursday	4.30-5.30	Module-1	Mrs Pradeepa prasad
9	26-8-2022	Friday	4.30-5.30	Module-1	Mrs Pradeepa prasad
10	27-8-2022	Saturday	1.30-2.30	Module-1	Mrs Pradeepa prasad
11	01-9-2022	Thursday	4.30-5.30	Module-1	Mrs Pradeepa prasad
12	02-9-2022	Friday	4.30-5.30	Module-1	Mrs Pradeepa prasad
13	03-9-2022	Saturday	1.30-2.30	Module-1	Mrs Pradeepa prasad
14	08-9-2022	Thursday	4.30-5.30	Module-1	Mrs Pradeepa prasad
15	09-9-2022	Friday	4.30-5.30	Module-1	Mrs Pradeepa prasad
16	10-9-2022	Saturday	1.30-2.30	Module-2	Mrs Pradeepa prasad
17	15-9-2022	Thursday	4.30-5.30	Module-2	Mrs Vishnupriya S
18	16-9-2022	Friday	4.30-5.30	Module-2	Mrs Vishnupriya S
19	17-9-2022	Saturday	1.30-2.30	Module-2	Mrs Vishnupriya S
20	22-9-2022	Thursday	4.30-5.30	Module-2	Mrs Vishnupriya S
21	23-9-2022	Friday	4.30-5.30	Module-2	Mrs Vishnupriya S
22	24-9-2022	Saturday	1.30-2.30	Module-2	Mrs Vishnupriya S
23	29-9-2022	Thursday	4.30-5.30	Module-2	Mrs Vishnupriya S
24	30-9-2022	Friday	4.30-5.30	Module-2	Mrs Vishnupriya S
25	01-10-2022	Saturday	1.30-2.30	Module-2	Mrs Vishnupriya S
26	06-10-2022	Thursday	4.30-5.30	Module-2	Mrs Vishnupriya S
27	07-10-2022	Friday	4.30-5.30	Module-2	Mrs Vishnupriya S
28	08-10-2022	Saturday	1.30-2.30	Module-2	Mrs Vishnupriya S
29	13-10-2022	Thursday	4.30-5.30	Module-2	Mrs Vishnupriya S
30	14-10-2022	Friday	4.30-5.30	Module-2	Mrs Vishnupriya S
31	15-10-2022	Saturday	1.30-2.30	Valedictory function	Valedictory

Course Coordinators:

Mrs Vishnupriya S
Mrs Pradeepa Prasad

HOD

Dr Jyoti Shrivastava

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Course on APPLIED BIOINFORMATICS

(Course Code: APBI 2021-22)

Outcome Report

The Department of Pharmaceutical Chemistry, The Oxford College of Pharmacy, Bangalore- 560068, had completed course on APPLIED BIOINFORMATICS (Course Code: APBI 2021-22). About 30 students were registered and the course was conducted for 30 hours. This course trains registrants to have a key information throughout the drug discovery and development process. The course focuses on the various theories and concepts to understand, how molecules interact with the human body and the drug discovery process.

Outcomes: At the end of this course students were able to

- Use wide range of drug-related databases and software's, which can be used for various purposes, related to drug designing and development process.
- Learn about more methods for efficient target discovery and validation approaches.
- Learn about predicting and understanding drug metabolism (biotransformation) including information regarding the structure-metabolism relationships.

Course Coordinators

Mrs Vishnupriya S

Mrs Pradeepa Prasad


HOD

Dr Jyoti Shrivastava


PRINCIPAL

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Course on APPLIED BIOINFORMATICS

(Course Code: APBI 2021-22)

Completion Report

The Department of Pharmaceutical Chemistry, The Oxford college of Pharmacy, Bangalore, conducted a course on Applied Bioinformatics (Course Code: APBI 2021-22) for the academic year 2021-22. The course was intended to impart knowledge about the basics principles and techniques related applied bioinformatics.

The course was started with an inaugural function by welcoming the Principal, Dr Padmaa M Paarakh. The function was conducted at Room NO-506 and all the participants were introduced by Course Coordinators Mrs Vishnupriya S, Mrs Pradeepa prasad. Total 30 students were present. Our Principal had emphasized on the importance of doing such courses for the betterment of their future. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs Vishnupriya S.

A total 30 hours' course had been conducted after the college hours on Thursday, Friday, and Saturday. Total 30 students were enrolled in this course. The syllabus of the course had been divided into two modules. After the completion of each modules an internal assessment was conducted and overall test was conducted after the completion of the course. The final results of the tests conducted for module I, II, and overall. Approximately 32.2 % students scored grade A (marks percentage-95-100%) in all the tests followed by 38.9 % who scored grade B (marks percentage-90-94%) and 28.9 % scored grade C (marks percentage-85-89%) and 0 % scored grade D (marks percentage-80-84%). The performance of the students in the tests were found good. About ninety percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 15/10/2022 and the course participation certificate were distributed to all 30 students by the Principal Dr Padmaa M Paarakh and Head of the Department Dr Jyoti Shrivastava. Dr. Jyoti thanked Principal madam and management for providing best infrastructure for carrying out such courses. On Behalf of department, she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, TOCP Bangalore had appreciated the enthusiasm of the students in this course and congratulate the Department of Pharmaceutical Chemistry and the course coordinator Mrs Vishnupriya S and Mrs Pradeepa prasad for successful completion of the course.

Course Coordinators

Mrs Vishnupriya S

Mrs Pradeepa Prasad


HOD

Dr Jyoti Shrivastava


PRINCIPAL

Dr Padmaa M Paarakh



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**COURSE ON HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG
ADMINISTRATION**
(Course Code: HTDFA 2021-22)

Notice

Date: 21/12/2021

To

Notice Board

To be read in the class rooms

Course Coordinators- Mrs. Uma Prabha.

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on Hands on Training for Drug Dose Fixing and Drug Administration for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Bachelorette) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 5th January 2022 and will be conducted every Wednesday and Thursday after class hours. The eligibility criteria include students pursuing Pharmacy degree that is M. Pharm, B. Pharm, Pharm^{*} D and Pharm D (Post Baccalaureate) students. Interested students can enroll with Mrs. Uma Prabha, course coordinator on or before 28th dec 2021.

Course Co-ordinator

Mrs. Uma Prabha


HOD

Dr Gururaj S Kulkarni


Principal

Dr Padmaa M. Paarakh



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Organizing Committee

Chairperson	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Gururaj S Kulkarni Department of Pharmaceutics TOCP, Bangalore.
Program Coordinator	Mrs. Uma Prabha Assistant Professor Department of Pharmaceutics TOCP, Bangalore

For Further Information Contact

Mrs. Uma Prabha
Department of Pharmaceutics
TOCP, Bangalore
Email:

christyprabha4jesus@gmail.com

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B Pharm, M Pharm, Pharm D, Pharm D Post Baccalaureate and PhD Programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug control Board, Karnataka respectively, approved by A.I.C.T.E and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) and M. Pharm students.

Course On “HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG ADMINISTRATION”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutics
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 28 Dec 2021

Date of commencement: 5 Jan 2022

Planned Examination : April 2022

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Mrs. Uma Prabha 8889219391

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Wednesday and Thursday after the college hours.

COURSE DESCRIPTION

The Department of Pharmaceutics TOCP , Bangalore- 560068 introduces a thirty hours certificate course on Hands on training for drug dose fixing and drug administration (course code: HTDFA 2021-2022). This course offers the basic knowledge about drug dosage fixing and Research on drug administration which can be applied in the lab and research work.

OBJECTIVES OF PROGRAM

- Studies on drug dosage fixing explains about the best therapeutic impact, safety, bioavailability, individualization, and therapeutic window.
- Research on drug administration offers information on precise delivery, patient compliance, route selection, timing, monitoring, and patient education

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus

DURATION

Thirty hours beginning from 5th January 2022.

OUTCOME

At the end of this course students were able to:

- 1)Recognize the legal requirements for carrying out HTDFA and medication dosage fixing.
- 2)Understand the concepts of Segment I, II and III.
- 3)Recognize the procedures needed to carry out the Improved Therapeutic Efficacy and Tolerability.
- 4)Perform the drug fixing and drug administration evaluation in preclinical studies.
- 5)Patient Compliance and Simplified Regimens, Tailored Drug Therapy, Cost Reduction and Health Outcomes.

REGISTRATION PROCESS

Directly contact Course Co-Ordinator and register.



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COURSE ON HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG ADMINISTRATION

(Course Code: HTDFA 2021-22)

List of students

S. No	Name of the student	Signature
1	KIRAN P	
2	MONISHA KC	
3	MONISHA S	
4	NITHIN KUMAR C	
5	PURUSHOTHAM M	
6	SHIWANI SINGH	
7	YAKSHITHA V	
8	YAKSHITHA M	
9	AHALAYA R	
10	ASTIK	
11	CHITRA V	
12	DIVYASHREE T	
13	MYTHILI PRIYANKA C	

Course Coordinator

Mrs. Uma Prabha

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa Paarakh



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COURSE ON HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG

ADMINISTRATION

(Course Code: HTDFA 2021-22)

SYLLABUS

MODULES	TOPICS
Module I	Introduction to Drug Dose Fixing and Administration
	Importance of accurate drug dosing and administration
	Overview of common routes of drug administration
	Routes of Drug Administration
	Oral administration
	Intramuscular injection
	Subcutaneous injection
	Topical administration
	Inhalation
	Considerations for each route, including patient factors and equipment required
Module II	Legal and ethical considerations in drug administration.
	Injection Techniques
	Medication Safety
	Handling Special Populations
	Adverse Reactions and Side Effects
	Documentation and Record-Keeping
	Hands-on Practice
	Enteral Tube Medication Administration
	Medication Safety: Preventing Medication Errors



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	Handling and Storage of Medications
Module III	Adverse Drug Reactions: Recognition and Management
	Patient Assessment Prior to Medication Administration
	Legal and Ethical Considerations in Medication Administration
	Documentation and Reporting of Medication Administration
	Patient Education Regarding Medication Use
	Special Considerations for High-Risk Medications (e.g., chemotherapy drugs)
	Emergency Medication Administration: Protocols and Procedures
	Simulation-Based Training Scenarios for Medication Administration
	Role of Interdisciplinary Collaboration in Safe Medication Use
	Continuous Quality Improvement in Medication Administration Practices

CO-ORDINATORS

Mrs. Uma Prabha

HOD

Dr Gururaj S Kulkarni

PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG ADMINISTRATION

(Course Code: HTDFA 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
				Inaugural	Dr. Padmaa M Paarakh
1	5/1/2022	Wednesday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
2	6/1/2022	Thursday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
3	12/1/2022	Wednesday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
4	19/1/2022	Wednesday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
5	20/1/2022	Thursday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
6	27/1/2022	Thursday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
7	2/2/2022	Wednesday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
8	3/2/2022	Thursday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
9	9/2/2022	Wednesday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
10	10/2/2022	Thursday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
11	16/2/2022	Wednesday	4:30PM-5:30PM	Module-1	Mrs. Uma Prabha
12	17/2/2022	Thursday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
13	23/2/2022	Wednesday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
14	24/2/2022	Thursday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
15	2/3/2022	Wednesday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
16	3/3/2022	Thursday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
17	9/3/2022	Wednesday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
18	10/3/2022	Thursday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
19	16/3/2022	Wednesday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
20	17/3/2022	Thursday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha



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21	23/3/2022	Wednesday	4:30PM-5:30PM	Module-2	Mrs. Uma Prabha
22	24/3/2022	Thursday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
23	30/3/2022	Wednesday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
24	31/3/2022	Thursday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
25	6/4/2022	Wednesday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
26	7/4/2022	Thursday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
27	13/4/2022	Wednesday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
28	20/4/2022	Wednesday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
29	21/4/2022	Thursday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
30	27/4/2022	Wednesday	4:30PM-5:30PM	Module-3	Mrs. Uma Prabha
31	28/4/2022	Thursday	4:30PM-5:30PM	Valedictory	Dr Gururaj S Kulkarni

Course Co-ordinator

Mrs. Uma Prabha

HOD

Dr Gururaj S Kulkarni

Principal

Dr Padmaa M. Paarakh



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COURSE ON HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG ADMINISTRATION

(Course Code: HTDFA 2021-2022)

Outcome Report

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore- 560068, completed a course on Hands on Training for Drug Dose Fixing and Drug Administration (course code HTDFA 2021-22). 13 students were registered and the course was conducted for **30 hours**. This course has helped the students to understand the basic concept of Drug Dose Fixing and Drug Administration studies in the animals like mice and rats. It explains about the methods used in the study of Drug Dose Fixing and Drug Administration studies.

Outcome: At the end of this course students were able to:

1. Recognize the legal requirements for carrying out HTDFA and medication dosage fixing.
2. Understand the concepts of Segment I, II and III.
3. Recognize the procedures needed to carry out the Improved Therapeutic Efficacy and Tolerability.
4. Perform the drug fixing and drug administration evaluation in preclinical studies.
5. Patient Compliance and Simplified Regimens, Tailored Drug Therapy, Cost Reduction and Health Outcomes.

The students were satisfied and were keen to attend such programs in future.

COORDINATOR


HOD


PRINCIPAL

Mrs. Uma Prabha

Dr Gururaj S Kulkarni

Dr Padmaa M. Paarakh



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COURSE ON HANDS ON TRAINING FOR DRUG DOSE FIXING AND DRUG ADMINISTRATION

(Course Code: HTDFA 2021-22)

Completion Report

The Department of Pharmaceutics, The Oxford college of Pharmacy, Bangalore, conducted a course on Hands on Training for Drug Dose Fixing and Drug Administration (Course Code: HTDFA 2021-22) for the academic year 2021-22. Studies on drug dosage fixing explains about the best therapeutic impact, safety, bioavailability, individualization, and therapeutic window. Research on drug administration offers information on precise delivery, patient compliance, route selection, timing, monitoring, and patient education.

The course was started with a formal inaugural function started by welcoming the Principal Dr. Padmaa M Paarakh. The function was conducted offline and all the participants were introduced by Mrs. Uma Prabha, Course Coordinator. Our Principal and Director had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs. Uma Prabha.

A total 30 hours course had been conducted after the college hours on Wednesday and Thursday. 13 students attended the course and benefited. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted through Microsoft Forms and the tests were assigned in the Assignment section. All the students were written the test. The final results of the tests conducted for module I, II, III, and overall are depicted in the graph below with the percent of students and the grade scored in the tests conducted during the course. Approximately 72.61 % students scored grade A (marks percentage-95-100%) in all the tests followed by 8.86 % who scored grade B (marks percentage-90-94%) and % scored grade C 9.87 % (marks percentage-85-90 %) and 9.0 % scored



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grade D (marks percentage-75-84 %). The performance of the students in the tests were found to be excellent. About 81.47% of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.

The valedictory function has been conducted on 28/04/2022 and the course participation certificates were distributed to all 13 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr Gururaj S Kulkarni. Dr Gururaj S Kulkarni thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of Pharmaceutics department, he promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmaceutics, and the course coordinator Mrs. Uma Prabha for successful completion of the course.

COORDINATOR

Mrs. Uma Prabha

HOD

Dr Gururaj S Kulkarni

PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON REGULATORY FOR MEDICAL DEVICES REQUIREMENTS

(Course Code: MDR 2021-2022)

Notice

Date: 22/12/2021

To

Notice Board

To be read in the class rooms

Course Coordinators- Dr. Gururaj S Kulkarni

To be filed

The Oxford College of Pharmacy, Bangalore introduces a 30 hours course on Regulatory For Medical Devices Requirements for the academic year 2021-2022, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is 30 hours. The classes for the course will start from 3rd January 2022 and will be conducted every Monday and Saturday after class hours. The eligibility criteria include students pursuing Pharmacy degree that is M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. Interested students can enroll with Dr Gururaj S Kulkarni course coordinator on or before 28th December 2021

Course Co-ordinator

HOD

Principal

Dr Gururaj S Kulkarni

Dr Gururaj S Kulkarni

Dr. Padmaa M Paarakh



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Organizing Committee

Chairperson	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Gururaj S Kulkarni Department of Pharmaceutics TOCP, Bangalore.
Program Coordinator	Dr. Gururaj S Kulkarni Department of Pharmaceutics TOCP, Bangalore.

For Further Information Contact

Dr Gururaj S Kulkarni
Department of Pharmaceutics
TOCP, Bangalore
Email: skguru2006@gmail.com

THE OXFORD COLLEGE OF

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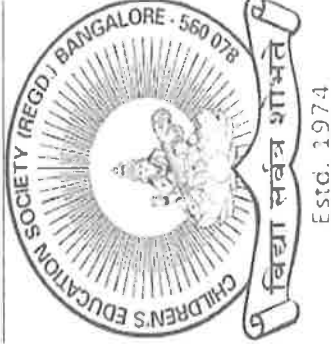
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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) and M. Pharm students.

Course On

“Regulatory for Medical Devices Requirements”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutics
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 28 Dec 2021

Date of commencement: 3 Jan 2022

Planned Examination : March 2022

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Dr. Gururaj S Kulkarni 9886564346

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Monday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmaceutics TOCP , Bangalore- 560068 introduces a thirty hours certificate course on Regulatory for Medical Devices Requirements. (Course Code: MDR 2021-2022). These course covers a wide range of topics such as quality assurance, manufacturing, regulatory requirements, and product design in the medical devices.

OBJECTIVES OF

PROGRAM

- Medical devices play a crucial role in various healthcare settings, from basic home use to advanced medical facilities, aiding in diagnosis, treatment, monitoring, and intervention for acute and chronic illnesses.
- The course covers topics such as the classification of medical devices, design and development regulations, ongoing compliance requirements, and the responsibilities of manufacturers, importers, and distributors.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus

DURATION

Thirty hours beginning from 3rd January 2022.

OUTCOME

At the end of this course students were able to:

- 1) A comprehensive understanding of the legal requirements for maintaining medical device compliance, ensuring patient safety.
- 2) Designing and developing medical devices to international quality standards.
- 3) Cover the responsibilities of manufacturers & distributors, as well as the ongoing compliance requirements for medical devices.
- 4) Help individuals stay up-to-date with current regulations and meet the legal requirements for manufacturing, distributing, selling medical devices.

REGISTRATION PROCESS

Directly contact Course Co-Ordinator and register.



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COURSE ON REGULATORY FOR MEDICAL DEVICES REQUIREMENTS

Course Code: MDR 2021-2022)

List of students

S. No	Name of the student	Signature
1	SRIVIGNESH M	
2	SURUGESH ARALI	
3	SUPRAJA M	
4	SURYA V	
5	TANUSHREE JAIN	
6	THANGAPANDI J	
7	THOMAS	
8	UMER KHALIQ MIR	
9	VARENYA S SARANGAMATH	
10	VIJAY KUMAR R	

Course Co-Ordinator

Dr. Gururaj S Kulkarni

HOD

Dr. Gururaj.S Kulkarni

Principal

Dr. Padmaa M Paarakh



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COURSE ON REGULATORY FOR MEDICAL DEVICES REQUIREMENTS

(Course Code: MDR 2021-2022)

SYLLABUS

MODULES	TOPICS
Module I	Overview of medical device regulations
	Medical device classification
	Design and development of medical devices
	Clinical investigation and evaluation
	Labeling and packaging of medical devices
	Risk management and evaluation
	Quality management system for medical devices
	Medical device single audit program (MDSAP)
	Good manufacturing practices (GMP)
Harmonized standards for medical devices	
Module II	Advantages and Disadvantages of Medical devices
	Post-market surveillance and vigilance
	Government regulations for medical devices
	Sterilization and aseptic processing of medical devices
	Medical device reporting and adverse event reporting
	International standards for medical device regulations
	Medical device registration and listing



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	Pre-market approval and notification procedures
	Technical documentation and design dossiers
	Compliance with regulatory requirements for medical devices
Module III	Role and responsibilities of manufacturers, importers, and distributor
	Reimbursement and payment for medical devices
	Cybersecurity and IT infrastructure for medical devices
	Advertising and promotion of medical devices
	Intellectual property and patent protection for medical devices
	Clinical trials and ethics for medical devices
	Special regulations for certain types of medical devices
	Legal frameworks for medical device regulations
	Cross-border trade and regulatory compliance for medical devices
	International harmonization of medical device regulations.

CO-ORDINATORS

Dr. Gururaj S Kulkarni

HOD

Dr. Gururaj S Kulkarni

PRINCIPAL

Dr. Padma M Paarakh



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

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Children's Education Society (Regd.)

The Oxford College of Pharmacy

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COURSE ON REGULATORY FOR MEDICAL DEVICES REQUIREMENTS

(Course Code: MDR 2021-2022)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	3/1/2022	Monday	4:30PM-5:30PM	Inaugural Module-1	Dr. Padmaa. M. Paarakh Dr. Gururaj S Kulkarni
2	10/1/2022	Monday	4:30PM-5:30PM	Module-1	Dr. Gururaj S Kulkarni
3	17/1/2022	Monday	4:30PM-5:30PM	Module-1	Dr. Gururaj S Kulkarni
4	22/1/2022	Saturday	2:00PM-3:00PM	Module-1	Dr. Gururaj S Kulkarni
5	22/1/2022	Saturday	3:00PM-4:00PM	Module-1	Dr. Gururaj S Kulkarni
6	24/1/2022	Monday	4:30PM-5:30PM	Module-1	Dr. Gururaj S Kulkarni
7	29/1/2022	Saturday	2:00PM-3:00PM	Module-1	Dr. Gururaj S Kulkarni
8	29/1/2022	Saturday	3:00PM-4:00PM	Module-1	Dr. Gururaj S Kulkarni
9	31/1/2022	Monday	4:30PM-5:30PM	Module-1	Dr. Gururaj S Kulkarni
10	5/2/2022	Saturday	2:00PM-3:00PM	Module-1	Dr. Gururaj S Kulkarni
11	5/2/2022	Saturday	3:00PM-4:00PM	Module-1	Dr. Gururaj S Kulkarni
12	7/2/2022	Monday	4:30PM-5:30PM	Module-2	Dr. Gururaj S Kulkarni
13	12/2/2022	Saturday	2:00PM-3:00PM	Module-2	Dr. Gururaj S Kulkarni
14	12/2/2022	Saturday	3:00PM-4:00PM	Module-2	Dr. Gururaj S Kulkarni
15	14/2/2022	Monday	4:30PM-5:30PM	Module-2	Dr. Gururaj S Kulkarni
16	19/2/2022	Saturday	2:00PM-3:00PM	Module-2	Dr. Gururaj S Kulkarni
17	19/2/2022	Saturday	3:00PM-4:00PM	Module-2	Dr. Gururaj S Kulkarni
18	21/2/2022	Monday	4:30PM-5:30PM	Module-2	Dr. Gururaj S Kulkarni
19	26/2/2022	Saturday	2:00PM-3:00PM	Module-2	Dr. Gururaj S Kulkarni



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20	26/2/2022	Saturday	3:00PM-4:00PM	Module-2	Dr. Gururaj S Kulkarni
21	28/2/2022	Monday	4:30PM-5:30PM	Module-2	Dr. Gururaj S Kulkarni
22	5/3/2022	Saturday	2:00PM-3:00PM	Module-3	Dr. Gururaj S Kulkarni
23	5/3/2022	Saturday	3:00PM-4:00PM	Module-3	Dr. Gururaj S Kulkarni
24	7/3/2022	Monday	4:30PM-5:30PM	Module-3	Dr. Gururaj S Kulkarni
25	12/3/2022	Saturday	2:00PM-3:00PM	Module-3	Dr. Gururaj S Kulkarni
26	12/3/2022	Saturday	3:00PM-4:00PM	Module-3	Dr. Gururaj S Kulkarni
27	14/3/2022	Monday	4:30PM-5:30PM	Module-3	Dr. Gururaj S Kulkarni
28	19/3/2022	Saturday	2:00PM-3:00PM	Module-3	Dr. Gururaj S Kulkarni
29	19/3/2022	Saturday	3:00PM-4:00PM	Module-3	Dr. Gururaj S Kulkarni
30	21/3/2022	Monday	4:30PM-5:30PM	Module-3	Dr. Gururaj S Kulkarni
31	21/3/2022	Monday	5:30PM-6:00PM	Valedictory	Dr. Gururaj S Kulkarni

Course Co-ordinators

Dr. Gururaj S Kulkarni

HOD

Dr. Gururaj S Kulkarni

Principal

Dr Padmaa M. Paarakh



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COURSE ON REGULATORY FOR MEDICAL DEVICES REQUIREMENTS

(Course Code: MDR 2021-2022)

Outcome Report

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore- 560068, completed a course on Regulatory for medical devices requirements (Course Code: MDR 2021-2022). 10 students were registered and the course was conducted for **30 hours**. This course has helped the students to understand the basic concept of regulatory controls, regional guidelines for manufacturing practices and the development of norms and standards to guarantee the quality, safety, and efficacy of medical devices available globally.

Outcome: At the end of this course students were able to:

- 1) A comprehensive understanding of the legal requirements for maintaining medical device compliance, ensuring patient safety.
- 2) Designing and developing medical devices to international quality standards.
- 3) Explained about the responsibilities of manufacturers & distributors, as well as the ongoing compliance requirements for medical devices.
- 4) Aided individuals to stay up-to-date with current regulations and meet the legal requirements for manufacturing, distributing, selling medical devices.

The students were satisfied and were keen to attend such programs in future.


CO-ORDINATOR

Dr Gururaj S Kulkarni


HOD

Dr Gururaj S Kulkarni


PRINCIPAL

Dr Padmaa M Parakh



Children's Education Society (Regd.)

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COURSE ON REGULATORY FOR MEDICAL DEVICES REQUIREMENTS

(Course Code: MDR 2021-2022)

Completion Report

The Department of Pharmaceutics, The Oxford college of Pharmacy, Bangalore, conducted a course on Regulatory for medical devices requirements (Course Code: MDR 2021-22) for the academic year 2021-22. This course aims to ensure access to good quality, affordable health products, advance universal health coverage, address health emergencies, and promote healthier populations. Medical devices play a crucial role in various healthcare settings, from basic home use to advanced medical facilities, aiding in diagnosis, treatment, monitoring, and intervention for acute and chronic illnesses. Additionally, these programs focus on regulatory controls, regional guidelines for manufacturing practices, and the development of norms and standards to guarantee the quality, safety, and efficacy of medical devices available globally.

The course was started with a formal inaugural function started by welcoming Principal Dr. Padmaa M Paarakh. The function was conducted offline and all the participants were introduced by Dr Gururaj S Kulkarni, Course Coordinator. Our Principal and Director had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Dr Gururaj S Kulkarni.

A total 30 hours course had been conducted after the college hours on Monday and Saturday. 10 students attended the course and benefited. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted through Microsoft Forms and the tests were assigned in the Assignment section. All the students had written the test. The final results of the tests conducted for module I, II, III, and overall are depicted in the graph below with the percent of students and the grade scored in the tests conducted during the course. Approximately 72.61 % students scored grade A (marks percentage-95-100%) in all the tests followed by 8.86 % who scored grade B (marks percentage-90-94%) and % scored grade C 9.87 % (marks percentage-85-90 %) and 9.0 % scored grade D (marks percentage-75-84 %). The performance of the students in the tests were found to be excellent. About 81.47% of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.



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The valedictory function has been conducted on 21/03/2022 and the course participation certificates were distributed to all 10 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr. Gururaj S Kulkarni. Dr. Gururaj S Kulkarni thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of department he promised to carry out such courses in future also.

The guest of the valedictory function, Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmaceutics, and the course coordinator Dr Gururaj S Kulkarni for successful completion of the course.

CO-ORDINATOR

Dr. Gururaj S Kulkarni

HOD

Dr. Gururaj S Kulkarni

PRINCIPAL

Dr. Padmaa M Paarakh



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COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-22)

Notice

Date: 16/10/2021

To

Notice Board

To be read in the class rooms

Course Coordinator- Dr. Vikram T

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on **Prescription Audit** for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Bacculaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 21st October 2021 and will be conducted every Thursday and Saturday after class hours. The eligibility criteria include students pursuing Pharmacy degree that is M. Pharm, B. Pharm, Pharm D and Pharm D (Post Bacculaureate) students. Interested students can enroll with Dr. Vikram.T, course coordinator on or before 18th October 2021.

Course Co-ordinator

Dr. Vikram.T

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padma M Paarakh

Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr. Gururaj S Kulkarni Department of Pharmaceutics TOCP, Bangalore.
Program Coordinator	Dr. Vikram T Department of Pharmaceutics TOCP, Bangalore.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B Pharm, M Pharm, Pharm D, Pharm D Post Baccalaureate and PhD Programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug control Board, Karnataka respectively, approved by A.I.C.T.E and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) and M. Pharm students.

Course On “Prescription Audit”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutics,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 18 Oct 2021

Date of commencement: 21 Oct 2021

Planned Examination : Jan 2022

For Further Information Contact

Dr Vikram.T

Assistant Professor
Department of Pharmaceutics
TOCP, Bangalore
Email: vikramtchoudhary4@gmail.com

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bangalore-68
Contact person for registration	Dr. Vikram.T 9901007009

OBJECTIVES OF PROGRAM

- To assess the extent of irrational prescribing.
- Detection of prescribing errors with their reasons.
- To reduce the irrational usage of antibiotics, syrups, injections, etc.
- Identification of areas of practice that require further education of practitioners.
- Ensuring that drug therapy meets current standards of care
- Controlling drug cost

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Saturday and Monday after the college hours.

COURSE DESCRIPTION

The Department of Pharmaceutics TOCP , Bangalore- 560 068 introduces a thirty hours certificate course on Prescription Audit (Course Code: PA 2021-22). This course offers the basic knowledge about the Prescription auditing which can be applied in the lab and research work.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus

DURATION

Thirty hours beginning from 21 October 2021.

OUTCOME

At the end of this course students were able to:

- 1) Analyze and interpret the results of Prescription audits and provide feedback to the service providers/admin.
- 2) Improve prescription quality at public health facilities.
- 3) Promote the rational use of drugs.
- 4) Reduce prescription errors and thus improves patient safety.
- 5) Reduce the cost of treatment by reducing unnecessary prescriptions (e.g. Antibiotics), efficient use of therapeutic agents, encouraging generic medicines, and reducing polypharmacy.
- 6) Improving Quality of Care (QoC).

REGISTRATION PROCESS

Directly contact Course Co-Ordinator and register.



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COURSE ON PRESCRIPTION AUDIT

(Course Code: PA)

List of students

S. No	Name of the student	Signature
1	ABHIRAMI P PILLAI	Abhirami..
2	AFRAH FATHIMA	Afrah Fathima
3	AIJINGHUN UMSONG	Ajingsong
4	AKSHAYA S	Akshaya S
5	AMIT KUMAR JENA	Amit Kumar Jena
6	ARUSHI NAIR	Arushi Nair
7	BHAVANA M REDDY	Bhavana
8	HARSHITHA GS	Harshitha
9	HASHUBA.N	Hashuba.
10	HEENA K	Heena
11	JAIN RITIK VINOD KUMAR	Jain Ritik
12	KEERTHI REDDY M	Keerthi
13	KIRUBA EVANJALIN M	Kiruba
14	MOHAMMED SHADAAB	Mohammed Shadaab
15	MOHAMMED AAZAM N	Mohammed Aazam
16	MONISH T	Monish T
17	NISHITHA S	Nishitha S
18	RAHIB S	Rahib S
19	RAKSHITHA.K.C	Rakshitha-K.C
20	SOUMYAJIT BHOWMIK	Soumyajit
21	SRI NILASH KUMAR N	Sri Nilash
22	SWATHI TK	Swathi TK
23	UTTARA. S	Uttara S
24	VEDHA SHREE KS	Vedha Shree KS



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25	VENCY V	<i>Penaly.v.</i>
26	VISHWATHEJA B	<i>W. J. B.</i>
27	SWARUPAM SARKAR	<i>S. S.</i>

Course Co-ordinator

Dr. Vikram T

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa. M. Paarakh

P. Padma



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COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-2022)

SYLLABUS

MODULES	TOPICS
Module I	Introduction
	What is Prescription Audit
	Importance of Conducting Prescription Audit
	Pre-requisites of Prescription Audit
	Objectives of Prescription Audit
	Characteristics of Prescription Audit
Module II	How to conduct Prescription Audit
	Prescription Audit Methodology
	General Principles of Conducting Prescription Audit
	Audit Criteria
	Frequency of Conducting Prescription Audit
Module III	WHO Prescribing Indicators
	Improving Prescription Practices The Quality Cycle
	Overview of Quality Improvement Cycle for Prescription Audit
	Expected Outcomes
	Target users

COURSE CO-ORDINATORS

Dr. Vikram T

HOD

Dr. Gururaj S Kulkarni

PRINCIPAL

Dr. Padmaa M Paarakh



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COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	21/10/2021	Thursday	4:30PM-5:30PM	Inaugural Module-1	Dr.Vikram.T
2	23/10/2021	Saturday	2:00PM-3:00PM	Module-1	Dr.Vikram.T
3	23/10/2021	Saturday	3:00PM-4:00PM	Module-1	Dr.Vikram.T
4	28/10/2021	Thursday	4:30PM-5:30PM	Module-1	Dr.Vikram.T
5	30/10/2021	Saturday	2:00PM-3:00PM	Module-1	Dr.Vikram.T
6	06/11/2021	Saturday	3:00PM-4:00PM	Module-1	Dr.Vikram.T
7	11/11/2021	Thursday	4:30PM-5:30PM	Module-1	Dr.Vikram.T
8	13/11/2021	Saturday	2:00PM-3:00PM	Module-1	Dr.Vikram.T
9	13/11/2021	Saturday	3:00PM-4:00PM	Module-1	Dr.Vikram.T
10	18/11/2021	Thursday	4:30PM-5:30PM	Module-1	Dr.Vikram.T
11	20/11/2021	Saturday	2:00PM-3:00PM	Module-1	Dr.Vikram.T
12	20/11/2021	Saturday	3:00PM-4:00PM	Module-2	Dr.Vikram.T
13	25/11/2021	Thursday	4:30PM-5:30PM	Module-2	Dr.Vikram.T
14	27/11/2021	Saturday	2:00PM-3:00PM	Module-2	Dr.Vikram.T
15	27/11/2021	Saturday	3:00PM-4:00PM	Module-2	Dr.Vikram.T
16	02/12/2021	Thursday	4:30PM-5:30PM	Module-2	Dr.Vikram.T
17	04/12/2021	Saturday	2:00PM-3:00PM	Module-2	Dr.Vikram.T
18	04/12/2021	Saturday	3:00PM-4:00PM	Module-2	Dr.Vikram.T
19	09/12/2021	Thursday	4:30PM-5:30PM	Module-2	Dr.Vikram.T
20	11/12/2021	Saturday	2:00PM-3:00PM	Module-2	Dr.Vikram.T
21	11/12/2021	Saturday	3:00PM-4:00PM	Module-2	Dr.Vikram.T
22	16/12/2021	Thursday	4:30PM-5:30PM	Module-3	Dr.Vikram.T



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23	18/12/2021	Saturday	2:00PM-3:00PM	Module-3	Dr.Vikram.T
24	18/12/2021	Saturday	3:00PM-4:00PM	Module-3	Dr.Vikram.T
25	23/12/2021	Thursday	4:30PM-5:30PM	Module-3	Dr.Vikram.T
26	30/12/2021	Thursday	4:30PM-5:30PM	Module-3	Dr.Vikram.T
27	01/01/2022	Saturday	2:00PM-3:00PM	Module-3	Dr. Vikram.T
28	01/01/2022	Saturday	3:00PM-4:00PM	Module-3	Dr.Vikram.T
29	06/01/2022	Thursday	4:30PM-5:30PM	Module-3	Dr.Vikram.T
30	13/01/2022	Thursday	4:30PM-5:30PM	Valedictory	Dr.Vikram.T

Course Co-ordinator

Dr. Vikram T

HOD

Dr. Gururaj S Kulkarni

P. Padma
Principal

Dr. Padmaa M Paarakh



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COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-22)

Outcome Report

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore- 560068, completed a course on Prescription Audit 2021-22 (Course Code: PA 2021-22). 27 students were registered and the course was conducted for **30 hours**. This course has helped the students to understand the basic concepts of Prescription Audit. It explains about the Characteristics studies.

Outcome: At the end of this course students were able to:

- 1) Analyze and interpret the results of Prescription audits and provide feedback to the service providers/ admin.
- 2) Improve prescription quality at public health facilities.
- 3) Promote the rational use of drugs.
- 4) Reduce prescription errors and thus improves patient safety.
- 5) Reduce the cost of treatment by reducing unnecessary prescriptions (e.g. Antibiotics), efficient use of therapeutic agents, encouraging generic medicines, and reducing polypharmacy.
- 6) Improving Quality of Care (QoC).

The students were satisfied and were keen to attend such programs in future.

Course Co-ordinator

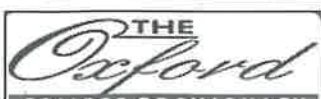
Dr. Vikram T

HOD

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COURSE ON PRESCRIPTION AUDIT

(Course Code: PA 2021-22)

Completion Report

The Department of Pharmaceutics, The Oxford college of Pharmacy, Bangalore, conducted a course on Prescription Audit (Course Code: PA 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the basics of Prescription Audit studies according to the WHO guidelines and to benefit them about the various general principles of conducting Prescription Audit. This course had given enough knowledge to understand different steps, quality improvement and importance of Prescription Audit.

The course was started with a formal virtual inaugural function by Principal Dr. Padmaa. M. Paarakh. The function was conducted offline and all the participants were introduced by Dr. Vikram T, Course Co-ordinator. Our Principal and HOD had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Dr. Vikram T.

A total 30 hours course had been conducted after the college hours on Thursday and Saturday. About 27 students were attended the course and benefited. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted through Microsoft Forms and the tests were assigned in the Assignment section. All the students were written the test. The final results of the tests conducted for module I, II, III, and overall with the percent of students and the grade scored in the tests conducted during the course. Approximately 72.61 % students scored grade A (marks percentage-95-100%) in all the tests followed by 8.86 % who scored grade B (marks percentage-90-94%) and % scored grade C 9.87 % (marks percentage-85-90 %) and 9.0 % scored grade D (marks percentage-75-84 %). The performance of the students in the tests were found to be excellent. About 81.47% of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.

The valedictory function has been conducted on 13/01/22 and the course participation certificates were distributed to all 27 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr.



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Gururaj S Kulkarni. Dr. Gururaj S Kulkarni thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of department she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa.M. Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmaceutics, and the course coordinator Dr. Vikram T for successful completion of the course.

COURSE CO-ORDINATOR

Dr. Vikram T

HOD

Dr. Gururaj S Kulkarni

PRINCIPAL

Dr Padmaa M. Paarakh



Children's Education Society (Regd.)

The Oxford College of Pharmacy

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Karnataka; Approved by Pharmacy Council of India, New Delhi)

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Course in HPTLC and HPLC analysis of crude drugs

(Course Code: HACD2021-22)

Notice

Date: 10.02.2022

To

Notice Board

To be read in the class rooms

Dr Padmaa M Paarakh, Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30-hour** course in **HPTLC and HPLC analysis of crude drugs** for the academic year 2021-22, for the benefit of B. Pharm students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 19th February 2022 and will be conducted every Friday and Saturday after the regular classes. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm. Interested students can enroll with Dr Padmaa M Paarakh, Course coordinator on or before 14th February 2022.


Coordinator

Dr. Padmaa M Paarakh


HOD

Dr. Padmaa M Paarakh


Principal

Dr. Padmaa M Paarakh



Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD & Course Coordinator	Dr. Padmaa M Paarakh, Dept of Pharmacognosy TOCP, Bengaluru.

For Further Information Contact

Dr. Padmaa M Paarakh
Professor,

Department of Pharmacognosy,
TOCP, Bengaluru.

Email:
padmaampaarakh@gmail.com

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm. Students from third, fourth, fifth, sixth, seventh, eighth semesters B. Pharm.

Course On

“HPTLC and HPLC analysis of crude drugs”



THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacognosy,
1st Main Road., Hongasandra,
Bengaluru, Karnataka -560 068

Important Dates

Duration: 30 hours

**Last date for registration: 14th February
2022**

**Date of commencement: 19th February
2022**

**Final Examination : After Completion
of 30 hrs class.**

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Dr Padmaa M Paarakh Course Coordinator 9880681532

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Friday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacognosy, TOCP, Bengaluru introduces a thirty hours course on HPTLC and HPLC analysis of crude drugs (Course Code: HACD2021-22). This course offers the basic knowledge about HPTLC and HPLC application in analysis of crude drug.

OBJECTIVES OF THE

TRAINING PROGRAM

- To gain knowledge about the analytical methods like HPTLC and HPLC.
- Number of the analytical method are available but chosen method should be sensitive, specific, fast and accurate to carrying out analysis.
- The present course is aimed towards a better understanding of the basic concepts and advances in analytical techniques in HPTLC, HPLC and characterization of crude drug.

COURSE OUTCOME

- This course provides an overview of Advanced analytical instrumental techniques like HPTLC and HPLC.
- Role of HPTLC and HPLC in identification, characterization and quantification of drug
- Acquiring Skills in selecting the suitable techniques for analysis of crude drugs
- To apply the knowledge learnt in developing new procedures for analysis of crude drug.

FINAL ASSESSMENT

Final exam will be conducted at the end of the syllabus.

DURATION

Thirty hours beginning from 19th February 2022

REGISTRATION PROCESS

Students can directly contact respective class teachers and register.



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Course in HPTLC and HPLC analysis of crude drugs 2021-22

(Course Code: HACD2021-22)

List of Students

S.No.	Regn No	Name of the Students	Signature
1	20P5625	Chandana N	Chandana N
2	20P5626	Deepthi R	Deepthi R
3	20P5627	Dhanushree Narayan	Dhanushree R
4	20P5628	Dhruva R Nadig	Dhruva R
5	20P5629	Gagana K	Gagana K
6	20P5630	Giresha Naidu M	Giresha Naidu M
7	20P5632	Gowtham Gowda M R	G. Gowda M.R
8	20P5633	Hari Kishor R	Hari Kishor R
9	20P5634	Haritha R	Haritha R
10	20P5635	Hruthika L	Hruthika L
11	20P5636	Hruthika B	Hruthika B

P. Padma

Coordinator

Dr. Padmaa M Paarakh

P. Padma

HOD & Principal

Dr. Padmaa M Paarakh



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Course in HPTLC and HPLC analysis of crude drugs

(Course Code: HACD2021-22)

Syllabus

Module	Chapter/Topic
Module 1	HPTLC-Introduction, basic principle, difference between HPTLC and TLC
	HPTLC- instrumentation
	Validation of HPTLC
	Applications of HPTLC
Module 2	HPLC-introduction, comparison with column chromatography
	Types of HPLC techniques
	Parameters involved in HPLC method of separation
	HPLC- instrumentation
	Applications of HPLC
	Comparative study between HPTLC and HPLC
Module 3	Assay of <i>Aloes</i> by HPTLC
	Assay of <i>Withania somnifera</i> by HPTLC
	Assay of <i>Ocimum tenuiflorum</i> by HPTLC
	Assay of <i>Aegle marmelos</i> by HPTLC
	Assay of <i>Emblica officinalis</i> by HPTLC
	Assay of <i>Glycyrrhiza glabra</i> by HPTLC
	Assay of <i>Lawsonia inermis</i> by HPTLC
	Assay of <i>Embelia ribes</i> by HPTLC
	Assay of <i>Cassia acutifolia</i> by HPTLC
Module 4	Assay of <i>Mucuna pruriens</i> by HPLC
	Assay of <i>Centella asiatica</i> by HPLC
	Assay of <i>Acacia pennata</i> by HPLC
	Assay of <i>Acacia nilotica</i> by HPLC
	Assay of <i>Argyrea nervosa</i> by HPLC
	Assay of <i>Carthamus tinctorius</i> by HPLC
	Assay of <i>Cedrus deodara</i> by HPLC
	Assay of <i>Phyllanthus amarus</i> by HPLC

P. Padma
Coordinator

PP
HOD

P. Padma
Principal

Dr. Padmaa M Paarakh

Dr. Padmaa M Paarakh

Dr. Padmaa M Paarakh





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Course in HPTLC and HPLC analysis of crude drugs

(Course Code: HACD2021-22)

Session timetable

S No	Date	Day	Time	Module	Faculty
1.	19.02.2022	Saturday	1.30 to 2.30 PM	Inaugural Module 1	Dr Padmaa M Paarakh
2.	19.02.2022	Saturday	2.30 to 3.30 PM	Module 1	Dr Padmaa M Paarakh
3.	25.02.2022	Friday	4.00 to 5.00 PM	Module 1	Dr Padmaa M Paarakh
4.	26.02.2022	Saturday	1.30 to 2.30 PM	Module 1	Dr Padmaa M Paarakh
5.	26.02.2022	Saturday	2.30 to 3.30 PM	Module 1	Dr Padmaa M Paarakh
6.	04.03.2022	Friday	4.00 to 5.00 PM	Module 2	Dr Padmaa M Paarakh
7.	05.03.2022	Saturday	1.30 to 2.30 PM	Module 2	Dr Padmaa M Paarakh
8.	05.03.2022	Saturday	2.30 to 3.30 PM	Module 2	Dr Padmaa M Paarakh
9.	11.03.2022	Friday	4.00 to 5.00 PM	Module 2	Dr Padmaa M Paarakh
10.	12.03.2022	Saturday	1.30 to 2.30 PM	Module 2	Dr Padmaa M Paarakh
11.	12.03.2022	Saturday	2.30 to 3.30 PM	Module 2	Dr Padmaa M Paarakh
12.	18.03.2022	Friday	4.00 to 5.00 PM	Module 2	Dr Padmaa M Paarakh
13.	19.03.2022	Saturday	1.30 to 2.30 PM	Module 2	Dr Padmaa M Paarakh
14.	19.03.2022	Saturday	2.30 to 3.30 PM	Module 3	Dr Padmaa M Paarakh
15.	25.03.2022	Friday	4.00 to 5.00 PM	Module 3	Dr Padmaa M Paarakh
16.	26.03.2022	Saturday	1.30 to 2.30 PM	Module 3	Dr Padmaa M Paarakh
17.	26.03.2022	Saturday	2.30 to 3.30 PM	Module 3	Dr Padmaa M Paarakh
18.	01.04.2022	Friday	4.00 to 5.00 PM	Module 3	Dr Padmaa M Paarakh
19.	08.04.2022	Friday	4.00 to 5.00 PM	Module 3	Dr Padmaa M Paarakh
20.	09.04.2022	Saturday	1.30 to 2.30 PM	Module 3	Dr Padmaa M Paarakh



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21	09.04.2022	Saturday	2.30 to 3.30 PM	Module 3	Dr Padmaa M Paarakh
22	22.04.2022	Friday	4.00 to 5.00 PM	Module 3	Dr Padmaa M Paarakh
23	23.04.2022	Saturday	1.30 to 2.30 PM	Module 4	Dr Padmaa M Paarakh
24	23.04.2022	Saturday	2.30 to 3.30 PM	Module 4	Dr Padmaa M Paarakh
25	29.04.2022	Friday	4.00 to 5.00 PM	Module 4	Dr Padmaa M Paarakh
26	30.04.2022	Saturday	1.30 to 2.30 PM	Module 4	Dr Padmaa M Paarakh
27	30.04.2022	Saturday	2.30 to 3.30 PM	Module 4	Dr Padmaa M Paarakh
28	06.05.2022	Friday	4.00 to 5.00 PM	Module 4	Dr Padmaa M Paarakh
29	07.05.2022	Saturday	1.30 to 2.30 PM	Module 4	Dr Padmaa M Paarakh
30	07.05.2022	Saturday	2.30 to 3.30 PM	Module 4	Dr Padmaa M Paarakh
31	13.05.2022	Friday	4.00 to 5.00 PM	Valedictory function	Dr Padmaa M Paarakh


Coordinator

Dr. Padmaa M Paarakh


HOD

Dr. Padmaa M Paarakh


Principal

Dr. Padmaa M Paarakh





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Course in HPTLC and HPLC analysis of crude drugs 2021-22

(Course Code: HACD2021-22)

Course Outcome Report

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore- 560068, completed course in HPTLC and HPLC analysis of crude drugs (Course Code: HACD2021-22). About 11 students were registered and the course was conducted for 30 hours. This course trained the participants towards a better understanding of the basic concepts and advances in analytical techniques like HPTLC and HPLC and characterization of crude drug

Course Outcome: At the end of this course students were able to

- This course provides an overview of advanced analytical instrumental techniques like HPTLC and HPLC.
- Role of HPTLC and HPLC in identification, characterization and quantification of drug
- Acquiring Skills in selecting the suitable techniques for analysis of crude drugs
- To apply the knowledge learnt in developing new procedures for analysis of crude drug.

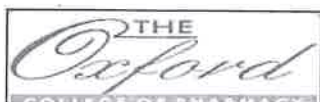
The students were satisfied and were keen to attend such programs in future

P. Padma
Coordinator

Dr. Padmaa M Paarakh

P. Padma
HOD & Principal

Dr. Padmaa M Paarakh





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Course in HPTLC and HPLC analysis of crude drugs 2021-22

(Course Code: HACD2021-22)

Course completion Report

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore, organized a course in HPTLC and HPLC analysis of crude drugs (Course Code: HACD2021-22) for the academic year 2021-22. This course offers the basic knowledge about HPTLC and HPLC application in analysis of crude drug. Number of the analytical method are available but chosen method should be sensitive, specific, fast and accurate to carrying out analysis. The present course is aimed towards a better understanding of the basic concepts and advances in analytical techniques like HPTLC, HPLC and characterization of crude drug.

The course was started with a formal inaugural function by welcoming the chief guest Dr Ravi Kumar, Director, The Oxford Group of Institutions. The programme was conducted at Room No 501 and all the participants were introduced by Dr Padmaa M Paarakh, Course Coordinator. About 11 were present. The inaugural function has been summed up with the introductory lecture of course co-ordinator.

A total thirty-hour course had been conducted each of one hour duration after the class on Friday and Saturday. The syllabus of the course had been divided into four modules. After the completion of each module an internal assessment was conducted, and overall test was conducted after the completion of the course.

The results of the tests conducted for all the four modules and overall are depicted in the graph with the percent of students and the grade scored by them in the tests conducted during the course.

The performance of the students in the tests were found to be excellent. Approximately 45.45% students scored grade A in all the tests followed by 36.36 % who scored grade B and 18.18 % scored grade C. Students have shown keen interest in attending and learning the contents of the course and doubts were clarified after the classes.

The valedictory function has been conducted on 13/05/22 and the course Participation certificate was distributed to all the students. The guest of the valedictory function, Dr. Ravi Kumar, Director, The Oxford Group of Institutions appreciated the enthusiasm of the students and the efforts taken by the course co-ordinator in organizing the course. Principal had thanked the Management for providing support in organizing such courses. Based on the overwhelming response from the students we planned to organize such courses in future.


Coordinator

Dr. Padmaa M Paarakh


HOD & Principal

Dr. Padmaa M Paarakh





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Course In Monograph Analysis of Crude Drugs

(Course Code: MACD2021-22)

Notice

Date: 25.07.2022

To

Notice Board

To be read in the class rooms

Dr Padmaa M Paarakh, Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces a 30 hours course in Monograph analysis of Crude drugs for the academic year 2021-22, for the benefit of B. Pharm students. There is no academic credit offered for this course. The total duration of this course is 30 hours. The classes for the course will start from 1st August 2022 and will be conducted every Saturday and Monday after the regular classes. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm. Interested students can enroll with Dr Padmaa M Paarakh, Course coordinator on or before 29th July 2022.

COURSE CO-ORDINATOR

Dr. Padmaa M Paarakh

HOD

Dr. Padmaa M Paarakh

PRINCIPAL

Dr. Padmaa M Paarakh



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

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Organizing Committee

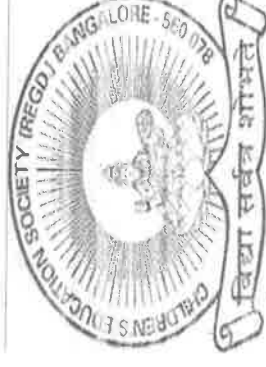
Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD	Dr. Padmaa M Paarakh,
Course Coordinator	Dr. Padmaa M Paarakh, Dept of Pharmacognosy TOCP, Bengaluru.

For Further Information Contact

Dr. Padmaa M Paarakh,
Professor,
Department of Pharmacognosy,
TOCP, Bengaluru.
Email:
padmaampaarakh@gmail.com

Course
in

“Monograph analysis of Crude drugs”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacognosy,
1st Main Road., Hongasandra,
Bengaluru, Karnataka -560 068

Important Dates

Duration: **30 hours**

Last date for registration: 29th July
2022

Date of commencement: 1st August
2022

Final Examination : October 2022

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm. Students from third, fourth, fifth, sixth, seventh, eighth semesters B. Pharm, M. Pharm.

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Course Coordinator 9880681532

STRUCTURE

- Course will be conducted for **30 hours** after the college hours.
- Course will be conducted through offline mode.
- Every Saturday and Monday after the college hours(Offline).

COURSE DESCRIPTION

The Department of Pharmacognosy, TOCP, Bengaluru introduces 30 hours course on **Monograph analysis of crude drugs** (Course Code: MACD2021-22). This course offers knowledge about Monograph analysis of crude drugs.

OBJECTIVES OF THE TRAINING PROGRAM

- To gain knowledge about the importance and uses of monographs.
- Different steps involved in development of monographs.
- The present course is aimed towards a better understanding of Indian Pharmacopoeia and role of IPC in developing quality monographs.

FINAL ASSESSMENT

Final exam will be conducted at the end of the session.

DURATION

30 hours beginning from 1st August 2022

COURSE OUTCOME

- This course provides an overview of monograph, importance and us.
- Role of IPC in developing quality monographs.
- Steps involved in the preparation of monograph according to standard pharmacopoeias.
- To apply the knowledge learnt in developing new monographs crude drugs.

REGISTRATION PROCESS

Students can directly contact with course coordinator.





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Course In Monograph Analysis of Crude Drugs

(Course Code: MACD2021-22)

Registration list

S.No.	Name of the Students	Signature
1.	Manohar K	Manohar K
2.	Manoj Kumar M	Manoj Kumar M
3.	Mansi Ben Oza	Mansi Ben Oza
4.	Meghana S	Meghana S
5.	Meghana Nadgir	Meghana N.
6.	Mithun N	Mithun N.
7.	Mohammed Shafiq N	Md. Shafiq N
8.	Monika S Reddy	Monika S Reddy
9.	Monika N	Monika N
10.	Nasiba N K	Nasiba N K
11.	Nidhishree S	Nidhishree S
12.	Janhavi Arya	Janhavi Arya
13.	Kailash Chandra C	Kailash Chandra C
14.	Karthik M	Karthik M
15.	Kaviarasu S	Kaviarasu S
16.	Kavya N	Kavya N
17.	Kavya Shree S	Kavya Shree S
18.	Kavya M Pari	Kavya M. Pari
19.	Kavya M	Kavya M
20.	Kishan K	Kishan K

P. Padma

COURSE CO-ORDINATOR

Dr. Padmaa M Paarakh

P. Padma

HOD

Dr. Padmaa M Paarakh

P. Padma

PRINCIPAL

Dr. Padmaa M Paarakh



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Course In Monograph Analysis of Crude

(Course Code: MACD2021-22)

Syllabus

MODULES	Topic
MODULE 1	Introduction
	Preparation, purpose, content, use of monographs
	Indian Pharmacopoeia (IP)
	History of IP
MODULE 2	Role of IPC in frequent publication of IP
	Growth of IP standards
	Monograph development of herbs
	Monograph development of processed herbs and herbal products
MODULE 3	Individual monograph on herbal medicines according to WHO
	A brief history of pharmacopoeias: A global perspective
	Monograph analysis of <i>Acacia catechu</i>
	Monograph analysis of <i>Achyranthus aspera</i>
MODULE 4	Monograph analysis of <i>Agele marmelos</i>
	Monograph analysis of <i>Aloe barbadensis</i>
	Monograph analysis of <i>Andrographis paniculata</i>
	Monograph analysis of <i>Bacopa monnieri</i>
MODULE 5	Monograph analysis of <i>Centella asiatica</i>
	Monograph analysis of <i>Curcuma longa</i>
	Monograph analysis of <i>Emblica officinalis</i>


COURSE CO-ORDINATOR

Dr. Padmaa M Paarakh


HOD

Dr. Padmaa M Paarakh


PRINCIPAL

Dr. Padmaa M Paarakh



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Course In Monograph Analysis of Crude Drugs

(Course Code: MACD2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	01.08.2022	Saturday	1:30 – 2:30PM	Inaugural Module 1	Dr. Padmaa M Paarakh
2	06.08.2022	Saturday	1:30 – 2:30PM	Module 1	Dr. Padmaa M Paarakh
3	08.08.2022	Monday	4:00- 5:00PM	Module 1	Dr. Padmaa M Paarakh
4	13.08.2022	Saturday	1:30 – 2:30PM	Module 1	Dr. Padmaa M Paarakh
5	13.08.2022	Saturday	2:30 -3:30PM	Module 1	Dr. Padmaa M Paarakh
6	20.08.2022	Saturday	1:00- 2:00PM	Module 2	Dr. Padmaa M Paarakh
7	20.08.2022	Saturday	1:30 – 2:30PM	Module 2	Dr. Padmaa M Paarakh
8	22.08.2022	Monday	4:00- 5:00PM	Module 2	Dr. Padmaa M Paarakh
9	27.08.2022	Saturday	1:30 – 2:30PM	Module 2	Dr. Padmaa M Paarakh
10	27.08.2022	Saturday	1:30 – 2:30PM	Module 2	Dr. Padmaa M Paarakh
11	29.08.2022	Monday	4:00- 5:00PM	Module 3	Dr. Padmaa M Paarakh
12	03.09.2022	Saturday	1:30 – 2:30PM	Module 3	Dr. Padmaa M Paarakh
13	03.09.2022	Saturday	2:30 -3:30PM	Module 3	Dr. Padmaa M Paarakh
14	05.09.2022	Monday	4:00- 5:00PM	Module 3	Dr. Padmaa M Paarakh
15	10.09.2022	Saturday	1:30 – 2:30PM	Module 3	Dr. Padmaa M Paarakh
16	10.09.2022	Saturday	2:30 -3:30PM	Module 4	Dr. Padmaa M Paarakh
17	12.09.2022	Monday	4:00- 5:00PM	Module 4	Dr. Padmaa M Paarakh
18	17.09.2022	Saturday	1:30 – 2:30PM	Module 4	Dr. Padmaa M Paarakh
19	17.09.2022	Saturday	2:30 -3:30PM	Module 4	Dr. Padmaa M Paarakh
20	19.09.2022	Monday	4:00- 5:00PM	Module 4	Dr. Padmaa M Paarakh
21	24.09.2022	Saturday	1:30 – 2:30PM	Module 4	Dr. Padmaa M Paarakh
22	24.09.2022	Saturday	2:30 -3:30PM	Module 4	Dr. Padmaa M Paarakh
23	26.09.2022	Monday	4:00- 5:00PM	Module 5	Dr. Padmaa M Paarakh
24	01.10.2022	Saturday	1:30 – 2:30PM	Module 5	Dr. Padmaa M Paarakh
25	01.10.2022	Saturday	2:30 -3:30PM	Module 5	Dr. Padmaa M Paarakh
26	03.10.2022	Monday	4:00- 5:00PM	Module 5	Dr. Padmaa M Paarakh
27	08.10.2022	Saturday	1:30 – 2:30PM	Module 5	Dr. Padmaa M Paarakh
28	08.10.2022	Saturday	1:00- 2:00PM	Module 5	Dr. Padmaa M Paarakh
29	10.10.2022	Monday	4:00- 5:00PM	Module 5	Dr. Padmaa M Paarakh
30	15.10.2022	Saturday	1:30 – 2:30PM	Module 5	Dr. Padmaa M Paarakh
31	22.10.2022	Saturday	2:30 -3:30PM	Valedictory function	Dr. Padmaa M Paarakh

P. Padua

COURSE CO-ORDINATOR

Dr. Padmaa M Paarakh

P. Padua

HOD

Dr. Padmaa M Paarakh

P. Padua

PRINCIPAL

Dr. Padmaa M Paarakh



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

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Karnataka; Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

Course In Monograph Analysis of Crude Drugs

(Course Code: MACD2021-22)

OUTCOME REPORT

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore-560068, completed Course on Monograph analysis of crude drugs 2021-22 (Course Code: MACD2021-22). About 20 students were registered and the course was conducted for 30 hours. This course offers knowledge about important and uses of Monograph analysis of crude drugs. It also helps in better understanding of Indian Pharmacopoeia and role of IPC in developing quality monographs.

OUTCOMES: At the end of this course students were able to

- Know overview of monograph, importance and its uses.
- Know the role of IPC in developing quality monographs.
- Understand the steps involved in the preparation of monograph according to standard pharmacopoeias.
- Apply the knowledge learnt in developing new monographs crude drugs.

The students were satisfied and were keen to attend such programmes in future.

P. Padma

COURSE CO-ORDINATOR

Dr. Padmaa M Paarakh

P

HOD

Dr. Padmaa M Paarakh

P. Padma

PRINCIPAL

Dr. Padmaa M Paarakh



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Course In Monograph Analysis of Crude Drugs

(Course Code: MACD2021-22)

Course completion Report

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore, conducted a course in Monographic analysis of crude drugs (Course Code: MACD2021-22) for the academic year 2021-22. This course offers knowledge about Monograph analysis of crude drugs. It also helps in better understanding of Indian Pharmacopoeia and role of IPC in developing quality monographs.

The course was started with a inaugural function by welcoming the chief guest Dr. Ravi Kumar, Director, The Oxford Group of Institutions. The program was conducted at Room No. 506 and all the participants were introduced by Dr Padmaa M Paarakh, Course Coordinator. Total 20 students were present. The inaugural function has been summed up with the introductory lecture of course coordinator Dr Padmaa M Paarakh.

A total thirty-hour course had been conducted after college hours on Saturday and Monday. Total 20 students have enrolled for this course.

The syllabus of the course had been divided into five modules. After the completion of each module an internal assessment was conducted, and overall test was conducted after the completion of the course.

The results of the tests conducted for all the three modules and overall were analysed. Approximately 59.17 % students scored grade A (Marks percentage 95-100%) in all the tests followed by 28.33% who scored grade B (Marks percentage 90-94%) and 12.5 % scored grade C (Marks percentage 85-89%).

The performance of the students in the tests were found excellent. About ninety one percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 22/10/2022 and the course participation certificate were distributed to all 20 students. The guest of the valedictory function, Dr. Ravi Kumar, Director, The Oxford Group of Institutions appreciated the enthusiasm of the students and the efforts taken by the course coordinator in organizing the course. The principal had thanked the management for providing best infrastructure for carrying out such courses in future also. The guest of the valedictory function Dr. Ravi Kumar, Director, had appreciated the enthusiasm of the students in this course and Congratulate the Department of Pharmacognosy for successful completion of course.

COURSE CO-ORDINATOR

Dr. Padmaa M Paarakh

HOD

Dr. Padmaa M Paarakh

PRINCIPAL

Dr. Padmaa M Paarakh



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

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Course in Natural Immunity Boosting Drugs as Therapeutic Interventions

(Course Code: NIBD2021-22)

Notice

Date: 25.07.2022

To

Notice Board

To be read in the class rooms

Mrs Sravani T, Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course in Natural immunity boosting drugs as therapeutic interventions for the academic year 2021-22, for the benefit of B. Pharm students. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 1st August 2022 and will be conducted every Saturday and Monday after the regular classes. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm. Interested students can enroll with Mrs Sravani T, Course coordinator on or before 29th July 2022.

T. Sravani
COURSE CO-ORDINATOR

Ms. T Sravani

P. Padma
HOD

Dr. Padmaa M Paarakh

P. Padma
PRINCIPAL

Dr. Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
Course Co-ordinator	Mrs. T Sravani Dept. of Pharmacognosy TOCP, Bengaluru.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm. Students from third, fourth, fifth, sixth, seventh, eighth semesters B. Pharm, Pharm. D, Pharm. D (PB), M. Pharm.

Course In Natural immunity boosting drugs as therapeutic interventions



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacognosy,
1st Main Road., Hongasandra,
Bengaluru, Karnataka -560 068

Important Dates

Duration: **30 hours**

Last date for registration: 29th July
2022

Date of commencement: 1st August
2022

Final Examination : October 2022

For Further Information Contact

Mrs. T Sravani
Assistant Professor,
Department of Pharmacognosy,
TOCP, Bengaluru.

Email :
Sravisagar11@gmail.com

REGISTRATION

Registration NIL

Fees It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68

Contact Mrs. T Sravani
person for Course Co-ordinator
registration 9739012427

STRUCTURE

- Course will be conducted for **30 hours** after the college hours.
- Every Saturday and Monday after the college hours(Offline).

COURSE DESCRIPTION

The Department of Pharmacognosy, TOCP, Bengaluru introduces a thirty hours course on **Natural immunity boosting drugs as therapeutic interventions (NIBD2021-22)**. This course offers the basic knowledge about drugs which play a major role to boost the immunity.

OBJECTIVES OF THE TRAINING PROGRAM

- To gain knowledge about the Immunity and ways to improve it.
- Number of herbal drugs play an important role in management of few diseases.
- The present course is aimed towards a better understanding of the drugs which are beneficial for boosting up immunity and help as therapeutic interventions.

FINAL ASSESSMENT

Final exam will be conducted at the end of the syllabus

DURATION

Thirty hours beginning from 1st August 2022.

COURSE OUTCOME

- This course provides an overview of Immunity and immune boosters.
- Role of herbal drugs used in day-to-day life to boost immunity.
- To apply the knowledge learnt about the herbal drugs in preventing and management of few diseases.

REGISTRATION PROCESS

Students can directly contact respective class teachers and register.



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Course in Natural immunity boosting drugs as therapeutic interventions

(Course Code: NIBD2021-22)

List of students

S.No.	Name of the Students	Signature
1.	Chandana N	Chandana N
2.	Deepthi R	Deepthi
3.	Dhanushree Narayan	Dhanushree
4.	Dhruva R Nadig	Dhruva
5.	Gagana K	Gagana K
6.	Giresha Naidu M	Giresha Naidu M
7.	Gowtham Gowda M R	G. Gowda M. R
8.	Hari Kishor R	Hari Kishor R
9.	Haritha R	Haritha R
10.	Hruthika L	Hruthika L
11.	Hruthika B	Hruthika B
12.	Iyswarya G M	Iyswarya G. M
13.	Karthik S	Karthik S
14.	Kavya P Reddy	Kavya P
15.	Keerthi Gowda M	Keerthi
16.	Kiran G M	Kiran
17.	Krishna R	Krishna R
18.	Kruthic Revanth G	Kruthic Revanth G
19.	Kruthika S G	Kruthika S. G
20.	Madhushree	Madhushree

Sravani T
COURSE CO-ORDINATOR

Ms. T Sravani

P. Padma
HOD

Dr. Padmaa M Paarakh

P. Padma
PRINCIPAL

Dr. Padmaa M Paarakh



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Course in Natural Immunity Boosting Drugs as Therapeutic Interventions

(Course Code: NIBD2021-22)

Syllabus

MODULES	Chapter/Topic
MODULE 1	What is Immune system?
	What factors depress Immune system
	Does an immune boosting diet exist?
	Role of herbs to boost the immune system
	Ayurveda's immunity boosting measures for self-care during COVID-19
	Immunity enhancing formulations prescribed by AYUSH
MODULE 2	Corona virus and role of immune boosters
	Role of herbs as natural immune boosters
	Role of Ashwagandha as immune booster
	Role of Mulethi as immune booster
	Role of Amla as immune booster
MODULE 3	Role of Tulsi as immune booster
	Role of Neem as immune booster
	Role of Guduchi as immune booster
	Role of Ginger as immune booster
	Role of Honey as immune booster
MODULE 4	Role of Turmeric as immune booster
	Role of Brahmi as immune booster
	Role of Mandukaparni immune booster
	Role of Black cumin as immune booster
	Role of Echinacea as immune booster
	Role of Peppermint as immune booster
	Role of Tea as immune booster
MODULE 5	Role of Garlic as immune booster
	Role of Cinnamon as immune booster
	Role of Tulsi as immune booster



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	Role of Pippali as immune booster
	Role of Astragalus as immune booster

SRAVANI T
COURSE CO-ORDINATOR
Ms. T Sravani

PP
HOD

Dr. Padmaa M Paarakh

P. Padma
PRINCIPAL

Dr. Padmaa M Paarakh



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Course in Natural Immunity Boosting Drugs as Therapeutic Interventions

(Course Code: NIBD2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	01.08.2022	Saturday	1:30 – 2:30PM	Inaugural Module 1	Dr. Padmaa Paarakh Mrs. Sravani T
2	06.08.2022	Saturday	1:30 – 2:30PM	Module 1	Mrs. Sravani T
3	08.08.2022	Monday	4:00- 5:00PM	Module 1	Mrs. Sravani T
4	13.08.2022	Saturday	1:30 – 2:30PM	Module 1	Mrs. Sravani T
5	13.08.2022	Saturday	2:30 -3:30PM	Module 1	Mrs. Sravani T
6	20.08.2022	Saturday	1:30 – 2:30PM	Module 1	Mrs. Sravani T
7	20.08.2022	Saturday	2:30 -3:30PM	Module 2	Mrs. Sravani T
8	22.08.2022	Monday	4:00- 5:00PM	Module 2	Mrs. Sravani T
9	27.08.2022	Saturday	1:30 – 2:30PM	Module 2	Mrs. Sravani T
10	27.08.2022	Saturday	2:30 – 2:30PM	Module 2	Mrs. Sravani T
11	29.08.2022	Monday	4:00- 5:00PM	Module 2	Mrs. Sravani T
12	03.09.2022	Saturday	1:30 – 2:30PM	Module 3	Mrs. Sravani T
13	03.09.2022	Saturday	2:30 -3:30PM	Module 3	Mrs. Sravani T
14	05.09.2022	Monday	4:00- 5:00PM	Module 3	Mrs. Sravani T
15	10.09.2022	Saturday	1:30 – 2:30PM	Module 3	Mrs. Sravani T
16	10.09.2022	Saturday	2:30 -3:30PM	Module 3	Mrs. Sravani T
17	12.09.2022	Monday	4:00- 5:00PM	Module 3	Mrs. Sravani T
18	17.09.2022	Saturday	1:30 – 2:30PM	Module 4	Mrs. Sravani T
19	17.09.2022	Saturday	2:30 -3:30PM	Module 4	Mrs. Sravani T
20	19.09.2022	Monday	4:00- 5:00PM	Module 4	Mrs. Sravani T
21	24.09.2022	Saturday	1:30 – 2:30PM	Module 4	Mrs. Sravani T
22	24.09.2022	Saturday	2:30 -3:30PM	Module 4	Mrs. Sravani T
23	26.09.2022	Monday	4:00- 5:00PM	Module 4	Mrs. Sravani T
24	01.10.2022	Saturday	1:30 – 2:30PM	Module 5	Mrs. Sravani T
25	01.10.2022	Saturday	2:30 -3:30PM	Module 5	Mrs. Sravani T
26	03.10.2022	Monday	4:00- 5:00PM	Module 5	Mrs. Sravani T
27	08.10.2022	Saturday	1:30 – 2:30PM	Module 5	Mrs. Sravani T
28	08.10.2022	Saturday	2:30 -3:30PM	Module 5	Mrs. Sravani T
29	10.10.2022	Monday	4:00- 5:00PM	Module 5	Mrs. Sravani T
30	15.10.2022	Saturday	1:30 – 2:30PM	Module 5	Mrs. Sravani T
31	22.10.2022	Saturday	2:30 -3:30PM	Valedictory function	Mrs. Sravani T

Sravani T
COURSE CO-ORDINATOR

Ms. T Sravani

PP
HOD

Dr. Padmaa M Paarakh

P. Padma
PRINCIPAL

Dr. Padmaa M Paarakh



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Course in Natural Immunity Boosting Drugs as Therapeutic Interventions

(Course Code: NIBD2021-22)

Outcome Report

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore-560068, completed Course in Natural immunity boosting drugs as therapeutic interventions (Course Code: NIBD2021-22). 20 students were registered and the course was conducted for 30hours. The present course helps to gain knowledge about the immunity and ways to improve it. And also understand the drugs which are beneficial for boosting up immunity and help as therapeutic interventions.

OUTCOMES: At the end of this course students were able to

- Understand the overview of immunity and immune boosters.
- Know the role of herbal drugs used in day-to-day life to boost immunity.
- Apply the knowledge learnt about the herbal drugs in preventing and management of few diseases.

The students were satisfied and were keen to attend such programmes in future.

SRAVANI.T
COURSE CO-ORDINATOR

Ms. T Sravani


HOD

Dr. Padmaa M Paarakh


PRINCIPAL

Dr. Padmaa M Paarakh



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Course in Natural Immunity Boosting Drugs as Therapeutic Interventions
(Course Code: NIBD2021-22)

COMPLETION REPORT

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore, organized a course in Natural immunity boosting drugs as therapeutic interventions (Course Code: NIBD2021-22) for the academic year 2021-22. This course offers knowledge about immunity boosting drugs. This course provides an overview of immunity boosting drugs, importance and its uses.

The course was started with a formal inaugural function by welcoming the Principal Dr. Padmaa M Paarakh. The function was conducted at Room NO-501 and all the participants were introduced by Mrs Sravani T, Course Coordinator. Total 20 students were present. The inaugural function had been summed up with the introductory lecture of course coordinator Mrs Sravani T.

A total 30hours course had been conducted after the college hours of every Saturday & Monday and. Total 20 students were enrolled for this course.

The syllabus of the course had been divided into five modules. After the completion of each module an internal assessment was conducted, and overall test was conducted after the completion of the course.

The results of the tests conducted for all the five modules and overall were analysed. Approximately 51 % students scored grade A (marks percentage 95-100%) in all the tests followed by 40% who scored grade B (marks percentage 90-94%) and 9% scored grade C (marks percentage 85-89%). The performance of the students in the tests were found excellent. About ninety percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 22.10.2022 and the participation certificate distributed to all 20 students by the Principal, Dr Padmaa M Paarakh. The coordinator had thanked Principal and management for providing best infrastructure for carrying out such courses in future also. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, had appreciated the enthusiasm of the students in this course and Congratulate the Department of Pharmacognosy and the course coordinator Mrs Sravani T for successful completion of course.


CO-ORDINATOR

Mrs Sravani T


HOD

Dr. Padmaa M Paarakh


PRINCIPAL

Dr. Padmaa M Paarakh





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COURSE ON IN-VITRO GENOTOXICITY AND CARCINOGENICITY STUDIES

(Course Code: IGC 2021-22)

Notice

Date: 09-08-2022

To

Notice Board

To be read in the class rooms

Mrs. Meghana K N,

Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on In- vitro Genotoxicity and Carcinogenicity Studies for the academic year 2021-22, for the benefit of, B. Pharm, Pharm. D and Pharm. D (Post baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 19th August 2022 and will be conducted every Friday and Saturday after regular classes. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) students. Interested students can enroll with Meghana K N, course coordinator on or before 18th August 2022.

Course Co-coordinator

Mrs. Meghana K N

HOD

Dr. Noopur Srivastava

Principal

Dr. Padmaa M Paarakh



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Organizing Committee

Chairman Dr. Padmaa M Paarakh,
Principal,
TOCP, Bangalore.

HOD Dr Noopur Srivastava
Department of
Pharmacology
TOCP, Bangalore.

Program
Coordinator Mrs. Meghana K N,
Department of
Pharmacology
TOCP, Bangalore.

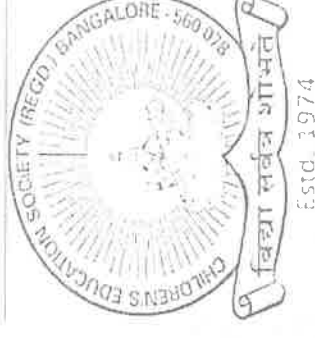
For Further Information Contact

Mrs. Meghana K N
Assistant Professor
Department of Pharmacology
TOCP, Bangalore

Email:
meghana7243@gmail.com

Course On

“In-vitro Genotoxicity and Carcinogenicity Studies”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacology
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 18 Aug 2022

Date of commencement: 19 Aug 2022

Planned Examination : After the
completion of 30hrs of classes

THE OXFORD COLLEGE OF PHARMACY

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate).

REGISTRATION

Registration NIL

- It is a free course offered by The Oxford College of Pharmacy Bangalore-68

Contact Meghana K N
person for 8884183476
registartion

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Friday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacology, TOCP , Bangalore- 560068 introduces a thirty hours course on In-vitro Genotoxicity and carcinogenicity Studies (Course Code: IGC 2021-22). This course offers the necessary knowledge of preclinical studies in experimental animals including design, conduct and interpretation of results.

OBJECTIVES OF PROGRAM

- In-vitro Genotoxicity and carcinogenicity Studies is an important concept which helps to understand and demonstrate various In-vitro methods for pharmacological screening of cytotoxins.
- This course will help the students to appreciate the importance of In-vitro methods in Genotoxicity studies.
- This course will help the students to appreciate the importance of In-vitro methods in carcinogenicity studies.

FINALASSESSMENT

Final exams will be conducted at the end of the syllabus by test.

DURATION

Thirty hours beginning from 19th August 2022.

OUTCOME

- Appraise the importance of in-vitro cytotoxicity studies in pharmacological screening of drugs.
- Understand Novel Markers and pathways involved in cancer studies.
- Appreciate various genotoxins and demonstrate various in-vitro genotoxic assays

REGISTRATION PROCESS

Directly contact Course Co-Ordinator and register.



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COURSE ON IN-VITRO GENOTOXICITY AND CARCINOGENECITY STUDIES

(Course Code: IGC 2021-22)

List of students

S.NO	Name of the student	Signature
1	SHARATH J	Sharath
2	SHEIKH MUNEEB UL RAHMAN	Sheikh
3	SHWETHA S	Shwetha
4	SHIVRAJ KUMAR B	Shiv. K
5	SNEHA S	Sneha
6	SOMSHEKAR G	Somshekar
7	SOUNDARYA T S	Soundarya
8	SUDHARSHAN V	Sudharshan
9	SUJAN KUMAR P	Sujan. K
10	SUJITHA RANI E	Sujitha
11	SUSHMITHA N	Sushmitha
12	SUVANJALI MISHRA	Suvanjali

Meghna

Course Co-coordinator

Mrs. Meghana K N

N. Srivastava

HOD

Dr. Noopur Srivastava

P. Padma

Principal

Dr. Padmaa M Parakh



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The Oxford College of Pharmacy

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COURSE ON TOXICOLOGICAL APPROACHES IN CLINICAL TRIALS

(Course Code: IGC 2021-22)

SYLLABUS

MODULE	TOPICS
MODULE -I	In- Vitro Genotoxicity studies : Introduction
	Ames test
	Aberration test
	Mammalian cell micronucleus test
	Gene mutation test
	Comet assay
	Genotoxicity screening
	Significance and use in Environmental monitoring
MODULE -II	Chromosomal aberration studies - Introduction
	Fluorescence Microscopy
MODULE -III	Genotoxic carcinogens
	Non genotoxic carcinogens
MODULE -IV	Micronucleus test – Introduction
	Principle, Description of Micronucleus test
	Data and reporting
MODULE -V	In vitro Carcinogenicity studies : Introduction
	Method of Carcinogenicity studies
	Concepts of Bioassay
	Evaluation of Carcinogenic potential
MODULE -VI	Significance and use in environmental monitoring
	Concepts of Immunotoxicity studies
	Concepts of reproductive toxicity studies
	Invitro models used in Carcinogenicity studies
	ICH guidelines for carcinogenic studies
	Carcinogenicity gene expression studies
	Caspases 3
	Caspases 8
	Caspases 9
Heat shock protein – 27	
Heat shock protein- 90	

Meghna

Course Co-coordinator

Mrs. Meghana K N

Srivastava

HOD

Dr. Noopur Srivastava

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COURSE ON IN – VITRO GENOTOXICITY AND CARCINOGENECITY STUDIES

(Course Code: IGC 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	19-08-2022	Friday	4.30-5.30 pm	Inaugural Module-1	Mrs. Meghana K N
2	20-08-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Meghana K N
3	26-08-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Meghana K N
4	27-08-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Meghana K N
5	02-09-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Meghana K N
6	03-09-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Meghana K N
7	09-09-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Meghana K N
8	10-09-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Meghana K N
9	16-09-2022	Friday	4.30-5.30 pm	Module-2	Mrs. Meghana K N
10	17-09-2022	Saturday	1.30-2.30 pm	Module-2	Mrs. Meghana K N
11	23-09-2022	Friday	4.30-5.30 pm	Module-3	Mrs. Meghana K N
12	24-09-2022	Saturday	1.30-2.30 pm	Module-3	Mrs. Meghana K N
13	30-09-2022	Friday	4.30-5.30 pm	Module-4	Mrs. Meghana K N
14	01-10-2022	Saturday	1.30-2.30 pm	Module-4	Mrs. Meghana K N
15	07-10-2022	Friday	4.30-5.30 pm	Module-4	Mrs. Meghana K N
16	14-10-2022	Friday	4.30-5.30 pm	Module-5	Mrs. Meghana K N
17	15-10-2022	Saturday	1.30-2.30 pm	Module-5	Mrs. Meghana K N
18	21-10-2022	Friday	4.30-5.30 pm	Module-5	Mrs. Meghana K N
19	22-10-2022	Saturday	1.30-2.30 pm	Module-5	Mrs. Meghana K N
20	28-10-2022	Friday	4.30-5.30 pm	Module-5	Mrs. Meghana K N
21	29-10-2022	Saturday	1.30-2.30 pm	Module-6	Mrs. Meghana K N



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22	04-11-2022	Friday	4.30-5.30 pm	Module-6	Mrs. Meghana K N
23	05-11-2022	Saturday	1.30-2.30 pm	Module-6	Mrs. Meghana K N
24	11-11-2022	Friday	4.30-5.30 pm	Module-6	Mrs. Meghana K N
25	12-11-2022	Saturday	1.30-2.30 pm	Module-6	Mrs. Meghana K N
26	18-11-2022	Friday	4.30-5.30 pm	Module-6	Mrs. Meghana K N
27	19-11-2022	Saturday	1.30-2.30 pm	Module-6	Mrs. Meghana K N
28	25-11-2022	Friday	4.30-5.30 pm	Module-6	Mrs. Meghana K N
29	26-11-2022	Saturday	1.30-2.30 pm	Module 6	Mrs. Meghana K N
30	02-12-2022	Friday	4:30-5:30 pm	Module 6	Mrs. Meghana K N
31	02-12-2022	Friday	5:30-6:00 pm	Valedictory	Dr. Noopur Srivatsava

Course Co-coordinator

Mrs Meghana K N

HOD

Dr. Noopur Srivastava

Principal

Dr. Padmaa M Paarakh



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COURSE ON IN-VITRO GENOTOXICITY AND CARCINOGENECITY STUDIES

(Course Code: IGC 2021-22)

Outcome Report

The Department of Pharmacology, The Oxford College of Pharmacy, Bangalore- 560068, completed course on In-Vitro Genotoxicity and Carcinogenicity Studies (Course Code: IGC 2021-22). 12 students were registered and the course was conducted for 30 hours. This course has helped the students to understand and demonstrate various in-vitro methods for pharmacological screening of cytotoxins and to appreciate the importance of in-vitro methods in Genotoxicity studies and Carcinogenicity studies.

Outcome: At the end of this course students were able to:

- 1) Understand the importance of In-vitro cytotoxicity studies in pharmacological screening of drugs.
- 2) Understand the Novel markers and pathways involved in cancer studies.
- 3) Understand the various genotoxins and demonstrate various in-vitro genotoxic assays.

The students were satisfied and were keen to attend such programs in future.

COURSE COORDINATOR

Mrs. Meghana K N

N. Srivastava
HOD

Dr Noopur Srivastava

P. Padma
PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON IN-VITRO GENOTOXICITY AND CARCINOGENECITY STUDIES

(Course Code: IGC 2021-22)

Course completion Report

The Department of Pharmacology, The Oxford college of Pharmacy, Bangalore, conducted a course on In-vitro Genotoxicity and Carcinogenicity studies (Course Code: IGC 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the basics of Genotoxicity and Carcinogenicity to benefit them about various invitro techniques which are applicable in day to day life research. This course had given enough knowledge to understand the different techniques to perform various genotoxicity studies and in calculating the toxic doses and attaining the knowledge regarding the various effects of genotoxicity and to corelate with the therapeutics.

The course was started with an inaugural function by welcoming the Principal Dr. Padmaa M Paarakh and Dr. Noopur Srivatsava, HOD, Department of Pharmacology. The function was conducted at Room no-507 and all the participants were introduced by Mrs. Meghana K N, Course Coordinator. Our Principal had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs. Meghana K N.

A 30 hours course had been conducted after the college hours on Friday and Saturday. The 12 students were enrolled directly by contacting the class coordinator. The syllabus of the course had been divided into six modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted through offline in class room. The final results of the tests conducted for module I, II, III, IV, V, VI and overall are depicted in the graph below with the percent of students and the grade scored in the tests conducted during the course. Approximately 50% students scored grade A (marks percentage-95-100%) in all the tests followed by 25% who scored grade B (marks percentage-90-94%) and 16.66% scored grade C (marks percentage-85-90 %) and 8.33% scored grade D (marks percentage-80-94 %). The performance of the students in the tests were found to be excellent. About ninety percent of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.



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The valedictory function has been conducted on 02/12/2022 in the class room and the course completion certificates are distributed to 12 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr. Noopur Srivastava. Dr. Noopur thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of department she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmacology and the course coordinator, Mrs. Meghan K N for successful completion of the course.

COURSE COORDINATOR

Mrs. Meghana K N

Megh

N. Srivastava
HOD

Dr Noopur Srivastava

P. Padmaa
PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON INVITRO MUTAGENECITY AND TERATOGENECITY ACTIVITIES

(Course Code: IMT 2021-22)

Notice

Date: 10-01-2022

To

Notice Board

To be read in the class rooms

Dr. G Venkata Karthik Kumar Reddy

Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on Invitro mutagenecity and teratogenecity activities (Course code : IMT 2021-22) for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 21st January 2022 and will be conducted every Friday and Saturday after class hours. The eligibility criteria include students pursuing Pharmacy degree, that is M.Pharm, B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) students. Interested students can enroll with Dr. G Venkata Karthik Kumar Reddy, course coordinator on or before 20th January 2022.

Karthik

Course Co-coordinator

Dr. G Venkata Karthik Kumar Reddy

Nivastava

HOD

Dr. Noopur Srivastava

P. Padma

Principal

Dr. Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Noopur Srivastava Department of Pharmacology TOCP, Bangalore.
Program Coordinator	Dr. G Venkata Karthik Kumar Reddy , Department of Pharmacology TOCP, Bangalore.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B Pharm, M Pharm, Pharm D, Pharm D Post Baccalaureate and PhD Programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug control Board, Karnataka respectively, approved by A.I.C.T.E and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) and M. Pharm students.

For Further Information Contact

Dr. G Venkata Karthik Kumar Reddy
Assistant Professor
Department of Pharmacology
TOCP, Bangalore.

Email:

reddyskarthee1995@gmail.com

Course On

“Invitro Mutagenicity and Teratogenicity Activities”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacology
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 20 Jan 2022

Date of commencement: 21 Jan 2022

Planned Examination : May 2022

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Dr. G Venkata Karthik Kumar Reddy 8884183476

STRUCTURE

- Course will be conducted for **30 hours**.
- Course will be conducted through offline.
- Every Friday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacology, TOCP, Bangalore- 560068 introduces a thirty hours course on In vitro Mutagenicity and Teratogenicity studies. (Course Code: IMT 2021-22). This course offers the necessary knowledge of preclinical studies in experimental animals including design, conduct and interpretation of results

OBJECTIVES OF PROGRAM

- Understand and demonstrate various in-vitro methods for pharmacological screening of mutagens and teratogens.
- Appreciate the importance of in vitro methods in mutagenic studies.
- Appreciate the importance of in vitro methods in teratogenic methods.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by test.

DURATION

Thirty hours beginning from 21st January 2022.

OUTCOME

- Appraise the importance of in-vitro mutagenic studies in pharmacological screening of drugs.
- Understand novel markers and pathways involved in mutagenic studies.
- Appraise the importance in-vitro teratogenic studies in pharmacological screening of drugs.
- REGISTRATION PROCESS
Directly contact Course Co-Ordinator and register.

Name :- Dr. G Karthik Reddy
Phone :- 8884183476



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COURSE ON INVITRO MUTAGENECITY AND TERATOGENECITY ACTIVITIES

(Course Code: IMT 2021-22)

SYLLABUS

MODULE	TOPICS
MODULE -I	INTRODUCTION : Mutagenecity
	Mutagenecity study Guidelines
	Tests for Mutagenecity - Bacterial mutagenecity
	b) Forward gene mutation tests using the <i>Hprt</i> and <i>Xprt</i> genes
	In vitro chromosomal damage assays - (a) Chromosomal aberration assay
	(b) Micronucleus (MN) assay
	(c) TK assay in mammalian cells
	In vitro DNA damage/repair assays.
DNA adduct assays	
MODULE -II	Unscheduled DNA synthesis (UDS) assay in mammalian liver
	Mutagenic mode of action and adverse outcomes
	INTRODUCTION : Teratogenecity
	An Overview of Teratology
	Teratology Study guidelines
	Biological Concerns on the selection of animal models for teratogenic screening.
	Validated Embryonic stem cell with murine embryonic stem cells
	Human Pluripotent stem cells to assess developmental toxicity in osteogenic lineage.
Chick Embryonic Cardiomyocyte Micromass System for Assessing Developmental Cardiotoxicity of Drugs	
Flow Cytometry to Evaluate Potential Developmental Toxicants in the Embryonic Stem Cell	
MODULE -III	Morphology-Based Whole Embryo Culture for Developmental Toxicity of Drugs.
	Western Blot Methodologies for Analysis of In Vitro Protein Expression Induced by Teratogenic agents
	Manipulation of MicroRNAs in Cultured Mouse Embryos: Applications for Developmental Toxicology
	The Phenotypic and Behavioral Effects of Teratogenic Drugs in <i>Caenorhabditis elegans</i>
	Effect of Teratogens on Development of <i>Drosophila melanogaster</i>
	Cellular Responses in <i>Drosophila melanogaster</i> Following Teratogen Exposure
	Behavioral Teratogenesis in <i>Drosophila melanogaster</i>
	Evaluation of Teratogenicity of Pharmaceuticals Using FETAX
	Histological Observation of Teratogenic Phenotypes Induced in Frog Embryo Assays
	Visualization of Gene Expression Patterns by In Situ Hybridization on Early Stages of Development of <i>Xenopus laevis</i>
Analysis of Lethality and Malformations During Zebrafish (<i>Danio rerio</i>) Development	

Karthik

Course Co-coordinator

Dr. G Venkata Karthik Kumar Reddy

Srivastava

HOD

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P. Padma
Principal

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COURSE ON INVITRO MUTAGENECITY AND TERATOGENECITY ACTIVITIES

(Course Code: IMT 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	21-01-2022	Friday	4.30-5.30 pm	Inaugural Module-1	Dr. Padmaa M Paarakh Dr. G Karthik Reddy
2	22-01-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
3	28-01-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
4	29-01-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
5	04-02-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
6	05-02-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
7	11-02-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
8	12-02-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
9	18-02-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
10	19-02-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
11	25-02-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
12	26-02-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
13	04-03-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
14	05-03-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
15	11-03-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
16	12-03-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
17	18-03-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
18	19-03-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
19	25-03-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
20	26-03-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
21	01-04-2022	Friday	4.30-5.30 pm	Module-3	Dr. G Karthik Reddy
22	08-04-2022	Friday	4.30-5.30 pm	Module-3	Dr. G Karthik Reddy



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23	09-04-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
24	16-04-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
25	22-04-2022	Friday	4.30-5.30 pm	Module-3	Dr. G Karthik Reddy
26	23-04-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
27	30-04-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
28	06-05-2022	Friday	4.30-5.30 pm	Module-3	Dr. G Karthik Reddy
29	07-05-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
30	14-05-2022	Saturday	1.30-2.30 pm	Module-3	Dr. G Karthik Reddy
31	14-05-2022	Saturday	2.30-3.00 pm	Valedictory	Dr. Noopur Srivatsava

Karthik

Course Co-coordinator

Dr. G Venkata Karthik Kumar Reddy

Noopur

HOD

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P. Padma

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COURSE ON INVITRO MUTAGENICITY AND TERATOGENECITY ACTIVITIES

(Course Code: IMT 2021-22)

Outcome Report

The Department of Pharmacology, The Oxford College of Pharmacy, Bangalore- 560068, completed a course on in-vivo mutagenicity and teratogenicity activities 2021-22 (Course Code: IMT 2021-22). 17 students were registered and the course was conducted for **30 hours**. This course has helped the students to understand the basic concept of in vivo mutagenicity and teratogenicity studies in the animals like mice and rats. It explains about the methods used in the study of mutagenic and teratogenic studies.

Outcome: At the end of this course students were able to:

- 1) Understand the importance of in-vitro mutagenic studies in pharmacological screening of drugs
- 2) Understand the novel markers and pathways involved in mutagenic studies.
- 3) Understand the importance of teratogenic studies in pharmacological screening of drugs
- 4) Understand the applications of mutagenic and teratogenic studies in drug discovery and research.

The students were satisfied and were keen to attend such programs in future.

Karthik

COORDINATOR

Dr. Venkata Karthik Kumar Reddy

Srivastava

HOD

Dr Noopur Srivastava

P. Padma

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON INVITRO MUTAGENICITY AND TERATOGENECITY ACTIVITIES

(Course Code: IMT 2021-22)

Completion Report

The Department of Pharmacology, The Oxford college of Pharmacy, Bangalore, conducted a course on In vivo mutagenicity and teratogenicity activities (Course Code: IMT 2021-22) for the academic year 2022-23. The course was intended to impart knowledge to the students about the basics of Toxicity studies according to the OECD guidelines and to benefit them about the various models used for the screening of mutagenesis and teratogenesis. This course had given enough knowledge to understand types of toxicity, methods used for evaluating the toxicity studies and knowledge on toxicokinetics.

The course was started with a formal virtual inaugural function started by welcoming the chief guest Dr Ravi Kumar, Director, The Oxford Group of Institution, Bangalore, and Principal Dr. M. Padmaa Paarakh. The function was conducted offline and all the participants were introduced by Dr. Venkata Karthik Kumar Reddy, Course Coordinator. Our Principal and Director had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Dr. Venkata Karthik Kumar Reddy.

A total 30 hours course had been conducted after the college hours on Monday and Saturday. About 17 students were attended the course and benefited. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted through Microsoft Forms and the tests were assigned in the Assignment section. All the students were written the test. The final results of the tests conducted for module I, II, III, and overall are depicted in the graph below with the percent of students and the grade scored in the tests conducted during the course. Approximately 72.61 % students scored grade A (marks percentage-95-100%) in all the tests followed by 8.86 % who scored grade B (marks percentage-90-94%) and % scored grade C 9.87 % (marks percentage-85-90 %) and 9.0 % scored grade D (marks percentage-75-84 %). The performance of the students in the tests were found to be excellent. About 81.47% of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.



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Children's Education Society (Regd.)

The Oxford College of Pharmacy

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

Approved by Pharmacy Council of India, New Delhi)

Accredited by NAAC and International Accreditation Organization (IAO)

The valedictory function has been conducted on 14/05/23 and the course participation certificates were distributed to all 17 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr. Noopur Srivastava. Dr. Noopur thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of department, she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmacology, and the course coordinator Dr. Venkata Karthik Kumar Reddy for successful completion of the course.

COORDINATOR

Karthik

Dr. Venkata Karthik Kumar Reddy

Srivastava
HOD

Dr Noopur Srivastava

P. Padma
PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON PRODUCTION AND PROCESSING OF BIOMOLECULES

(Course Code:PPB 2021-2022)

Notice

Date: 08-07-2022

To

Notice Board

To be read in the class rooms

Course Coordinators

Dr.G.Venkata Karthik Kumar Reddy

Mrs.Meghna K.N

To be filed

The Department of Pharmacology ,The Oxford College of Pharmacy, Bangalore introduces a 30 hours course on Production And Processing Of Biomolecules for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post baccaulaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is 30 hours. The classes for the course will start from 6 August 2022 and will be conducted every Friday and Saturday (two hours/day) after regular classes. The eligibility criteria include students pursuing Pharmacy degree, that is M.Pharm, B. Pharm, Pharm D, and Pharm. D (Post baccaulaureate) students. Interested students can enroll with Dr. G Venkata Karthik Kumar Reddy, Mrs.Meghna K.N course coordinators on or before August 5th 2022.

Course Co-coordinator

Karthik

Dr. G Venkata Karthik Kumar Reddy

Mrs. Meghna K.N

Meghna

Shrivastava
HOD

Dr. Noopur Srivastava

D. Padma
Principal

Dr. Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Noopur Srivastava Department of Pharmacology TOCP, Bangalore.
Program Coordinator	Dr. G Venkata Karthik Kumar Reddy, / Mrs. Meghana K N, Department of Pharmacology TOCP, Bangalore.

For Further Information Contact

Dr. G Venkata Karthik Kumar Reddy,
/Mrs Meghana K N
Assistant Professor
Department of Pharmacology
TOCP, Bangalore

Email:

reddyskarthik.1005@gmail.com
meghana.743@gmail.com

Course On “Production And Processing Of Biomolecules”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacology
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 05-08-2022

Date of commencement: 06-08-2022

Planned Examination : After
completion of 30 hours of classes

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B Pharm, M Pharm, Pharm D, Pharm D Post Baccalaureate and PhD Programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug control Board, Karnataka respectively, approved by A.I.C.T.E and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B.Pharm, PharmD, Pharm.D (Post baccalaureate) and M Pharm

REGISTRATION

Registration NIL

Fees It is a free course offered by The Oxford College of Pharmacy Bangalore-68

Contact Dr. G Venkata Karthik
person for Kumar Reddy
registration 8884183476

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Friday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacology, TOCP, Bangalore- 560068 introduces a thirty hours course on Production And Processing Of Biomolecules (Course Code: PPB 2021-22). This course offers the necessary knowledge of preclinical studies in experimental animals including design conduct and interpretation of results.

OBJECTIVES OF

PROGRAM

- This course will help the students to understand and demonstrate various production methods for biomolecules and appraise the importance of biomolecules in pharm screening

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by test.

DURATION

Thirty hours beginning from 6th August 2022

OUTCOME

- To make students understand the role of biomolecules in pharmacological screening and research.

REGISTRATION PROCESS

Directly contact Course Co-Ordinator and register.



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COURSE ON PRODUCTION AND PROCESSING OF BIOMOLECULES

(Course Code: PPB 2021-22)

List of students

S.NO	Name of the student	Signature
1	KIRAN P	
2	MONISHA K.C	
3	MONISHA S	
4	NITHIN KUMAR	
5	PURUSHOTTAM M	
6	YAKSHITHA M	
7	SHIVANI	
8	ATHMAJA SHETTY	
9	KRISHNAGIRI KRISHNABABU	
10	RAKESH BABU SN	
11	YOGARAJ R	

Course Co-coordinator

HOD

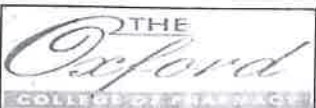
Dr. G Venkata Karthik Kumar Reddy

Dr. Noopur Srivastava

Mrs. Meghana K N

Principal

Dr. Padma M Paarakh



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COURSE ON PRODUCTION AND PROCESSING OF BIOMOLECULES

(Course Code: PPB 2021-22)

SYLLABUS

MODULES	TOPICS
Module I	Marketing and Pharmaceutical market
	Principles Of Membrane Transport
	Different Membrane Proteins
	Mechanism Of Action Of Membrane Proteins
	Application Of Different Membrane Proteins
	Signal Transduction Concepts
	Mechanism Of Signal Transduction
	Interpretation Of Sensory Information Provided By Proteins
	Proteins As Molecular Motor
	Introduction To Biomolecular Project
	Planning, Design Of A Biochemical Project
Module II	Product Decision And Promotion
	Competence, Ability And Planning Of Biochemical Project
	Methods Of Expression
	Purification Of Soluble Proteins
	Purification Of Membrane Bound Proteins
	Characterisation Of Soluble Proteins
	Characterisation Of, Membrane Bound Proteins
	Common Spectroscopic Methods
	Mutations For Characterisation Of Protein Stability
	Mutation For Protein Structure
	Function Of Mutations In Proteins
Module III	Professional Marketing Channels And Pricing
	Designing Of Cloning Experiments
	Designing Of Primers For PCR
	Designing Experimental Protocol
	Presentation Of Experimental Result In Written Report
	Products Analysis And Ability Meet Customer Demands
	Scope Of Biochemical Projects In Recent Advancements
	Interpretation Of Information In Production Of Biochemical Products
	Role Of Biomolecules In Pharm Screening
	Processing Of Biomolecules In Project

CO-ORDINATORS

N. Srivastava
HOD

P. Padma
PRINCIPAL

Mrs. Meghna K.N

Megh

Dr. Noopur Srivastava

Dr. Padmaa M. Paarakh

Dr. Venkata Karthik Kumar Reddy

Karthik



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COURSE ON PRODUCTION AND PROCESSING OF BIOMOLECULES

(Course Code: PPB 2021-2022)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	06-08-2022	Saturday	1.30-2.30 pm	Inaugural Module-1	Dr. Padmaa M Paarakh Dr. G Karthik Reddy
2	12-08-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
3	13-08-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
4	19-08-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
5	20-08-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
6	26-08-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
7	27-08-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
8	02-09-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
9	03-09-2022	Saturday	1.30-2.30 pm	Module-1	Dr. G Karthik Reddy
10	09-09-2022	Friday	4.30-5.30 pm	Module-1	Dr. G Karthik Reddy
11	10-09-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
12	16-09-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
13	17-09-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
14	23-09-2022	Friday	4.30-5.30 pm	Module-2	Dr. G Karthik Reddy
15	24-09-2022	Saturday	1.30-2.30 pm	Module-2	Dr. G Karthik Reddy
16	30-09-2022	Friday	4.30-5.30 pm	Module-2	Mrs Meghna K.N
17	01-10-2022	Saturday	1.30-2.30 pm	Module-2	Mrs Meghna K.N
18	01-10-2022	Saturday	2.30-3.30 pm	Module-2	Mrs Meghna K.N
19	07-10-2022	Friday	4.30-5.30 pm	Module-2	Mrs Meghna K.N
20	14-10-2022	Friday	1.30-2.30 pm	Module-2	Mrs Meghna K.N
21	15-10-2022	Saturday	1.30-2.30 pm	Module-3	Mrs Meghna K.N



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22	21-10-2022	Friday	4.30-5.30 pm	Module-3	Mrs Meghna K.N
23	22-10-2022	Saturday	1.30-2.30 pm	Module-3	Mrs Meghna K.N
24	28-10-2022	Friday	4.30-5.30 pm	Module-3	Mrs Meghna K.N
25	29-10-2022	Saturday	1.30-2.30 pm	Module-3	Mrs Meghna K.N
26	04-11-2022	Friday	4.30-5.30 pm	Module-3	Mrs Meghna K.N
27	05-11-2022	Saturday	1.30-2.30 pm	Module-3	Mrs Meghna K.N
28	05-11-2022	Saturday	2.30-3.30 pm	Module-3	Mrs Meghna K.N
29	12-11-2022	Saturday	1.30-2.30 pm	Module-3	Mrs Meghna K.N
30	18-11-2022	Friday	4.00-5.00 pm	Module-3	Mrs Meghna K.N
31	18-11-2022	Friday	5:00-5:30 pm	Validictory	Dr. Noopur Srivatsava

Course Co-coordinator

Karthik

Srivastava

HOD

P. Padma
Principal

Dr. G Venkata Karthik Kumar Reddy

Dr. Noopur Srivastava

Dr. Padmaa M Paarakh

Mrs Meghna K.N

Megh



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COURSE ON PRODUCTION AND PROCESSING OF BIOMOLECULES

(Course Code:PPB 2021-22)

Outcome Report

The Department of Pharmacology, The Oxford College of Pharmacy, Bangalore- 560068, completed course on Production And Processing Of Biomolecules (Course Code:PPB). 11 students were registered and the course was conducted for 30 hours after regular classes. This course has helped the students to understand and demonstrate various production methods for biomolecules in Pharm screening. It enabled the students to understand the role of biomolecules in pharmacological screening and research.

Outcome: At the end of this course students were able to:

- 1) Understand the principles for membrane transport catalysed by membrane proteins ,mechanism of signal transduction ,interpretation of sensory information by proteins and design of biochemical project.
- 2) Understand about Designing biochemical project, methods for expression ,purifying, characterising proteins .
- 3) Understand about Designing cloning experiments , independently follow experimental protocol and present experimental result in written report.

The students were satisfied and were keen to attend such programs in future.

COORDINATOR *Venkata K*

Dr. G Venkata Karthik Kumar Reddy

Mrs Meghna K.N

Megh

Srivastava
HOD

Dr. Noopur Srivastava

P. Padma
PRINCIPAL

Dr. Padmaa M Paarakh



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COURSE ON PRODUCTION AND PROCESSING OF BIOMOLECULES

(Course Code:PPB 2021-22)

Course completion Report

The Department of Pharmacology, The Oxford college of Pharmacy, Bangalore, conducted a course on Production And Processing Of Biomolecules (Course Code:PPB 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about understanding of general concepts of developing better products and service. Students will learn how to analyse clinical trials ,understand about different aspects of pharmacological screening and will also learn about motivation and prescribing habits of the physician.

The course was started with an inaugural function by welcoming the Principal Dr. Padmaa M Paarakh and Dr. Noopur Srivatsava, HOD, Department of Pharmacology . The function was conducted at Room no-501 and all the participants were introduced by Dr. G Venkata Karthik Kumar Reddy and Mrs Meghna K.N, Course Coordinators.11students were present in the session. Our Principal had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture by course coordinator Dr. G Venkata Karthik Kumar Reddy. A 30 hours course had been conducted,after the college hours. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted with the set of questionnaires .The final results of the tests conducted for 3 modules and overall are depicted below with the percent of students and the grade scored in the tests conducted during the course. Approximately 47.8% students scored grade A (marks percentage-95-100%) in all the tests followed by 33.4 % who scored grade B (marks percentage-90-94%) and 16.5% scored grade C (marks percentage-85-90 %) and 2.5% scored grade D (marks percentage-80-94 %). The performance of the students in the tests were found to be excellent. About fifty percent of the students had scored excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.



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The valedictory function has been conducted in the class room and the course completion certificates were distributed to 11 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr. Noopur Srivastava. thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of department she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmacology and the course coordinator Dr. G Venkata Karthik Kumar Reddy and Mrs. Meghna K.N for successful completion of the course.

COORDINATORS

Dr. G Venkata Karthik Kumar Reddy

Mrs. Meghna K.N

N. Srivastava

HOD

Dr Noopur Srivastava

P. Padma

PRINCIPAL

Dr. Padmaa M. Paarakh

Megh



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COURSE ON MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE
(COURSE CODE:MTCR 2021-22)

NOTICE

Date: 1-01-2022

To

Notice Board

To be read in the class rooms

Course Co-ordinator- Dr.Juveria Banu.

To be filed

The Oxford College of Pharmacy,Bangalore introduces a **30 hours** course on Medical Transcription of Cardiovascular and Respiratory disease for academic year 2021-2022 for the benefit of M.Pharm,B.Pharm, PharmD,Pharm.D(Post-Baccalaureate)students.This course is offered at no cost.There is no academic credit offered for this course.The total duration of this course is **30 hours**.The classes for the course will start from 13thJanuary 2022 and will be conducted every Thursday,Friday and Saturday after college hours.The eligibility criteria include students Pursuing Pharmacy Degree M.Pharm,B.Pharm,Pharm.D and Pharm.D(Post-Baccalaureate).Interested students can enroll with Dr.Juveria Banu,course coordinator on or before 10th January 2022.


COURSE CO-ORDINATOR

Dr Juveria Banu


HOB

Dr Parthasarathy G


PRINCIPAL

Dr Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr G Parthasarathy Department of Pharmacy Practice TOCP, Bangalore.
Program Coordinator	Dr Juveria Banu Department of Pharmacy Practice TOCP, Bangalore.

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For Further Information Contact

Dr. Juveria Banu
Assistant Professor
Department of Pharmacy Practice
TOCP, Bangalore
Email: juveribanu4@gmail.com

Course

On

“MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacy Practice,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Duration: **30 hours**

Last date for registration: 10th January
2022

Date commencement : 13th January
2022

Planned Examination :after completion
of 30 hours classes

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree
i.e. Mpharm, B.Pharm, (seventh, eighth
semester B.Pharm) Pharm. D and Pharm.
D (Post-Baccalaureate)

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Dr Juvéria Banu 8660477997

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Thursday, Friday, Saturday after the college hours (Offline mode).
- Course will be conducted through offline mode.

COURSE DESCRIPTION

The Department of Pharmacy practice, TOCP, Bangalore introduces a thirty hours course on Medical transcription of cardiovascular and respiratory disease (Course Code: MTCR2021-22). This course offers the basic knowledge about the medical terms and terminologies used in medical transcription of cardiovascular and respiratory diseases.

OBJECTIVES OF TRAINING PROGRAM

- Develop the skills needed to use medical dictionaries and other reference materials.
- Learn ways to effectively transcribe a variety of medical documents.
- Learn medical terms and ways in which terminologies used in medical documents.
- Focusing of correct spelling, pronunciation as well as definition

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by offline test.

DURATION

- **Thirty hours**

COURSE OUTCOME

- Students will understand the basic terminologies and medical coding in the field of pharmacy.
- This course provides an opportunity to get a job as medical transcriptionist in various organisations.
- Students will Acquire the basic, knowledge, understanding, and relevant skills required to transcribe healthcare dictation and to prepare accurate patient documents.
- Students will be able to learn about the rules of medical transcription and improve the quality of transcription by being well versed in medical terms.

REGISTRATION PROCESS

- Students can directly contact to the course coordinator Dr Juvéria Banu.



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COURSE ON MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE [COURSE CODE:MTCR 2021-22]

REGISTRATION LIST

Sl no	Reg No	Name of student	Sign
1.	17P2668	Dinesh Balram	Dk
2.	17P2723	Swetha G	Swetha
3.	18P1552	Adithya J	Adithya J
4.	18P1556	Aparna O M	Aparna
5.	18P1557	Arroju Hrithik	Arroju
6.	18P1563	Balakrishnan	Balakrishnan
7.	18P1569	Dhanashekar	Dhanashekar
8.	18P1573	Goudham T	Goudham
9.	18P1576	Harsha	Harsha
10.	18P1601	Naveen Kumar C	Naveen
11.	18P1604	Pavithran	Pavithran
12.	18P1606	Prakash R	Prakash
13.	18P1609	Pratik Jain	Pratik
14.	18P1613	Ramya A	Ramya
15.	18P1627	Shri Vignesh	Shri Vignesh


COURSE CO-ORDINATOR

Dr. Juveria Banu


HOD

Dr. Parthasarathy G


PRINCIPAL

Dr. Padmaa M Paarakh



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COURSE ON MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE (COURSE CODE: MTCR2021-22)

Syllabus

MODULES	TOPICS
MODULE - I	Medical Transcription Overview
	Roles & Responsibilities of medical transcriptionist
	Records of Medical Transcription
	Roots, Suffix, Prefix in Medical Record
	Benefits of medical transcription
	Common abbreviations in medical records
	Prefix of medical terminologies
	Suffix of medical terminologies
	Common terminologies in clinical settings
	Transcription notations
	Introduction to Cardiovascular system
	Anatomy of cardiovascular system
	Fundamentals of cardiovascular disease
	Types of cardiovascular disease
MODULE - II	Basic medical terminologies in cardiology
	Abbreviations used in Cardiology
	Role of cardiovascular transcription in healthcare
	Common cardiology reports
	Medical transcription of ECG
	Challenges of cardiology transcription
	Introduction to Pulmonology
	Basic medical terminologies in Pulmonology
	Anatomy of respiratory system
	Fundamentals of respiratory disease
	Types of respiratory tract infections
	Role of pulmonology transcription in healthcare
	Common pulmonology reports
	Challenges of pulmonology transcription
Soap format and Chart notes.	
Applications and limitations of medical transcription.	

COURSE COORDINATOR

Dr Juveria Banu

HOD

Dr Parthasarathy

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE

(Course Code: MTCR2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1.	13/01/2022	THURSDAY	4.30-5.30PM	Inauguration Module 1	Dr.Juveria Banu
2.	14/01/2022	FRIDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
3.	20/01/2022	THURSDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
4.	21/01/2022	FRIDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
5.	22/01/2022	SATURDAY	1:30 – 2:30PM	Module 1	Dr.Juveria Banu
6.	27/01/2022	THURSDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
7.	28/01/2022	FRIDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
8.	29/01/2022	SATURDAY	1:30 – 2:30PM	Module 1	Dr.Juveria Banu
9.	3/02/2022	THURSDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
10.	4/02/2022	FRIDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
11.	5/02/2022	SATURDAY	1:30 – 2:30PM	Module 1	Dr.Juveria Banu
12.	10/02/2022	THURSDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
13.	11/02/2022	FRIDAY	4.30-5.30PM	Module 1	Dr.Juveria Banu
14.	12/02/2022	SATURDAY	1:30 – 2:30PM	Module 1	Dr.Juveria Banu
15.	17/02/2022	THURSDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
16.	18/02/2022	FRIDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
17.	19/02/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr.Juveria Banu
18.	24/02/2022	THURSDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
19.	25/02/2022	FRIDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
20.	26/02/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr.Juveria Banu
21.	3/03/2022	THURSDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu



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22.	4/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
23.	5/03/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr.Juveria Banu
24.	10/03/2022	THURSDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
25.	11/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
26.	12/03/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr.Juveria Banu
27.	17/03/2022	THURSDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
28.	18/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
29.	19/03/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr.Juveria Banu
30.	25/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr.Juveria Banu
31.	26/03/2022	SATURDAY	1:30 – 2:30PM	Valedictory	Valedictory Dr.Juveria Banu

COURSE CO-ORDINATOR

Dr.Juveria Banu

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE

(COURSE CODE: MTCR 2021-22)

OUTCOME REPORT

The Department of Pharmacy Practice, The Oxford College of Pharmacy, Bangalore-560068, completed course on Medical transcription of cardiovascular and respiratory disease. (Course Code: MTCR 2021-22). 15 students were registered and the course was conducted for 30 hours. This course offers the basic knowledge about the medical terms and terminologies used in medical transcription of cardiovascular and respiratory diseases.

OUTCOMES : At the end of this course students were able to,

- Understand the basic terminologies and medical coding in the field of pharmacy.
- Earn an opportunity to get a job as medical transcriptionist in various organisations.
- Acquire the basic knowledge, understanding, and relevant skills required to transcribe healthcare dictation and to prepare accurate patient documents.
- Learn about the rules of medical transcription and improve the quality of transcription by being well versed in medical terms

COURSE CO-ORDINATOR

Dr Juveria Banu

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON MEDICAL TRANSCRIPTION OF CARDIOVASCULAR AND RESPIRATORY DISEASE

(COURSE CODE: MTCR2021-22)

COMPLETION REPORT

The Department of Pharmacy Practice, The Oxford College of Pharmacy, Bangalore conducted a course on Medical transcription of cardiovascular and respiratory disease (CourseCode:MTCR2021-22) for the academic year 2021-22. This course offers the basic knowledge about the medical terms and terminologies used in medical transcription of cardiovascular and respiratory diseases.

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room No-501 and all the participants were introduced by Course Coordinator Dr Juveria Banu. Total 15 students were present. The inaugural function has been summed up with the introductory lecture of course coordinator Dr Juveria Banu.

A total 30 hours course had been conducted after college hours on Thursday, Friday and Saturday. Total 15 students were enrolled for this course.

The syllabus of the course had been divided into two modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. The final results of the tests conducted for module I, II and overall were analysed. Approximately 45% students scored grade A (marks percentage-91-100%) in all the tests followed by 40% who scored grade B (marks percentage-81-90%) and 11.6 % scored grade C (marks percentage-71-80 %) and 3.3 % scored grade D (marks percentage 61-70).

The performance of the students in the tests were found excellent. About eighty percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 26/03/2022 and the course participation certificate were distributed to all 15 students by the Principal Dr. Padmaa M. Paarakh and Head of the Department Dr Parthasarathy. Dr Parthasarathy thanked Principal madam and management for providing best infrastructure for carrying out such courses. On behalf of department she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students for this course and congratulated the Department of Pharmacy Practice and the course coordinator Dr Juveria Banu for the successful completion of the course.

COURSE CO-ORDINATOR

Dr Juveria Banu

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh



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Course on

RATIONAL USE OF ANTIBIOTICS

(COURSE CODE: RUA 2021-22)

Notice

Date: 10-07-2021

To

Notice Board

To be read in the classrooms

Dr Merin Susan Abraham -Course Coordinators

To be filed

The Department of Pharmacy practice, The Oxford College of Pharmacy, Bangalore introduces **30 hours** short term course on RATIONAL USE OF ANTIBIOTICS for the academic year 2021-22, for the benefit of B. Pharm, M pharm and Pharm. D. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 06th Aug 2021 and will be conducted after the college hours on Friday and Saturday. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm, M pharm and Pharm. D students. Interested students can enroll with Dr Sri Priya course coordinators on or before 24th July 2021.

Merin

COURSE COORDINATOR

DR MERIN SUSAN ABRAHAM

[Signature]

HOD

DR. PARTHASARATHY G

P. Padma

PRINCIPAL

DR. PADMAA M PAARAKH



Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD	Dr. Parthasarathy G HOD, Department of Pharmacy Practice TOCP, Bangalore.
Course coordinator	Mrs Merin Susan Abraham Assistant professor, Department of Pharmacy Practice TOCP, Bangalore.

For Further Information Contact

Dr. Parthasarathy G ,HOD
Department of Pharmacy Practice
Email: mypartha@gmail.com

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, M pharm, Pharm. D, Pharm. D (Post-Baccalaureate) and M. Pharm. Students from second, third, fourth, fifth Pharm. D and first, second, third Pharm. D (Post baccalaureate) and from fifth, sixth, seventh, eighth semesters B. Pharm.

Course

On

“RATIONAL USE OF ANTIBIOTICS”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacy practice
1st Main rd., Hongasandra,
Bengaluru, Karnataka -560 068

Important Dates

Duration: **30 hours**

Last date for registration: 24/07/2021

Date of commencement: 06 AUG 2021

Final Evaluation : DEC 2021

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Mrs MERIN SUSAN ABRAHAM Course Coordinator
<u>STRUCTURE</u>	<ul style="list-style-type: none">560068 introduces a course on Course will be conducted for 30 hours.Course will be conducted via offline mode,Every Friday and Saturday after the college hours.
<u>COURSE DESCRIPTION</u>	The Department of Pharmacy Practice , TOCP , Bangalore- RATIONAL USE OF ANTIBIOTICS(RUA 2021-22) teaches the basic of editing, grammar and coding and also recording and transcribing equipment . The course focuses on the various spectrum of communication technologies and the advanced software used in medical transcription.

OBJECTIVES OF THE PROGRAM

- Explain to patients and health care providers the importance of antibiotic stewardship in the care of individual patients and the community at large.
- Structure a conversation to effect change in the antibiotic prescribing patterns of other providers using techniques based in behavioral psychology
- Describe elements of an effective antibiotic stewardship program and explain the inter-professional collaborations and leadership support necessary for its success.

FINAL ASSESSMENT

Final evaluation will be conducted at the end of the syllabus

DURATION

- 30 hours** beginning from AUG 2022

COURSE OUTCOME

- By the end of this module, participants should be able to: highlight mechanisms by which microorganisms develop antimicrobial resistance;
- illustrate the emergence and global spread of drug resistant organisms;
- demonstrate the use of clinical guidelines in choosing appropriate empiric antimicrobial therapy.
- understanding of the following concepts and practices: Antibiotic susceptibility, antibiotic resistance and breakpoints, and Factors that contribute to antibiotic resistance.

REGISTRATION PROCESS

Students can directly contact respective course coordinator – Mrs Merin Susan Abraham
Contact: 9741334131



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Course on RATIONAL USE OF ANTIBIOTICS

(COURSE CODE: RUA 2021-22)

REGISTRATION LIST

S.No	Student Name	Signature
1	Lal Remruathi	Lal Remurathi
2	Abhishek NB	Abhishek
3	Aditi Singh	Aditi Singh
4	Akishitha Y	Akishitha
5	Amrin M	Amrin M
6	Anushree V A	Anushree VA
7	Avanikaa B S	Avanikaa BS
8	Bidve Dev Santosh	Bidve Dev
9	Bishal Kumar Dey	Bishal kumar Dey

Merin

COURSE COORDINATOR

MRS MERIN SUSAN ABRAHAM

Parthasarathy

HOD

DR. PARTHASARATHY G

P. Padma

PRINCIPAL

DR. PADMAA M PAARAKH



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Course on

RATIONAL USE OF ANTIBIOTICS

(COURSE CODE: RUA 2021-22)

MODULES	TOPICS
MODULE - I	Introduction Rational use of antibiotics
	Antibiotics and its classification
	Need and selection of antibiotics
	Foundation of antibiotic era
	Approach to a suspected bacterial infection
	The principal of antibiotic prescribing
	Guidelines for the rational use of antibiotics
	Guidelines for antibiotic prophylaxis in surgery
	Indications of surgical antibiotic prophylaxis
	General principles in use of antibiotics
	Antibiotic usage in respiratory infections
	Antibiotic usage in urinary tract infection
	Antibiotic usage in skin and soft tissue infection
	Antibiotic usage in musculoskeletal infection
Antibiotic usage in gastrointestinal infection	
MODULE - II	Antibiotic usage in CNS infections
	Antibiotic usage in CVS infections
	Culture sensitivity test and its interpretations
	Rationality and irrationality of antibiotic use
	Consequences of irrational antibiotic use
	Antibiotic resistance
	strategies in antibiotic usage and monitoring
	Rational use of antibiotics by patients
	Intravenous to oral conversion in antibiotics
	Social aspects of antibiotic prescribing
	Evidence bases medicine
	Prescribing antibiotics for everyday infection
	Drug use evaluation
	Responsibilities of a drug and therapeutic committee
Role of a pharmacist in rational use of antibiotic	
Introduction Rational use of antibiotics	

Merin
COURSE COORDINATOR

MRS MERIN SUSAN ABRAHAM

Parthasarathy
HOD

DR. PARTHASARATHY G

P Padma
PRINCIPAL

DR. PADMAA M PAARAKH



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Course on
RATIONAL USE OF ANTIBIOTICS
(COURSE CODE: RUA 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	06-8-2021	Friday	4.00-5.00PM	Inaugural Module-1	Dr. Padmaa. M. Paarakh Mrs Merin Susan Abraham
2	07-8-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
3	13-8-2021	Friday	4.00-5.00PM	Module-1	Mrs Merin Susan Abraham
4	14-8-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
5	21-8-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
6	27-8-2021	Friday	4.00-5.00PM	Module-1	Mrs Merin Susan Abraham
7	28-8-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
8	03-9-2021	Friday	4.00-5.00PM	Module-1	Mrs Merin Susan Abraham
9	04-9-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
10	11-9-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
11	17-9-2021	Friday	4.00-5.00PM	Module-1	Mrs Merin Susan Abraham
12	18-9-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
13	24-9-2021	Friday	4.00-5.00PM	Module-1	Mrs Merin Susan Abraham
14	25-9-2021	Saturday	2.00-3.00PM	Module-1	Mrs Merin Susan Abraham
15	01-10-2021	Friday	4.00-5.00PM	Module-1	Mrs Merin Susan Abraham
16	08-10-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
17	09-10-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
18	16-10-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham



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19	22-10-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
20	23-10-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
21	29-10-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
22	30-10-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
23	06-11-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
24	12-11-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
25	13-11-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
26	19-11-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
27	20-11-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
28	26-11-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
29	27-11-2021	Saturday	2.00-3.00PM	Module-2	Mrs Merin Susan Abraham
30	03-12-2021	Friday	4.00-5.00PM	Module-2	Mrs Merin Susan Abraham
31	04-12-2021	Saturday	2.00-3.00PM	Valedictory	Dr. Padmaa. M. Paarakh Mrs Merin Susan Abraham

Merin

COURSE COORDINATOR

MRS MERIN SUSAN ABRAHAM

HOD

DR. PARTHASARATHY G

P. Padmaa
PRINCIPAL

DR. PADMAA M PAARAKH



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Course on

RATIONAL USE OF ANTIBIOTICS

(COURSE CODE: RUA 2021-22)

COURSE OUTCOME

The Department of Pharmacy practice, The Oxford College of Pharmacy, Bangalore- 560068, is conducting course on **RATIONAL USE OF ANTIBIOTICS** (Course Code: RUA 2021-22). Overall, 09 students were registered, and the course was conducted for **30 hours**. This course provides thorough knowledge about the rationality of antibiotic usage and understand the concept of antibiotic susceptibility antibiotic resistance and breakpoints. The course focuses on the various theories and concepts antibiotic rationality.

COURSE OUTCOME: At the end of this course students were able to

- Highlight mechanisms by which microorganisms develop antimicrobial resistance.
- Illustrate the emergence and global spread of drug resistant organisms.
- Demonstrate the use of clinical guidelines in choosing appropriate empiric antimicrobial therapy.
- Understanding of the following concepts and practices: Antimicrobial susceptibility, antimicrobial resistance and breakpoints, and Factors that contribute to antimicrobial resistance.

COURSE COORDINATOR

MRS MERIN SUSAN ABRAHAM

HOD

DR. PARTHASARATHY G

PRINCIPAL

DR. PADMAA M PAARAKH



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Course on

RATIONAL USE OF ANTIBIOTICS

(COURSE CODE: RUA 2021-22)

COMPLETION REPORT

The Department of Pharmacy practice, The Oxford college of Pharmacy, Bangalore, conducted a course on RATIONAL USE OF ANTIBIOTICS (Course Code: RUA 2021-22) for the academic year 2021-22. The course was intended to have a thorough knowledge about the rationality of antibiotic usage and understand the concept of antibiotic susceptibility antibiotic resistance and breakpoints.

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room NO-501 and all the participants were introduced by Course Coordinators Mrs Merin Susan Abraham. Total 09 students were present. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs Merin Susan Abraham

A total 30 hours course had been conducted after college hours on ever Friday and Saturday. Total 09 students were enrolled.

The syllabus of the certificate course had been divided into two modules. After the completion of each modules an internal assessment was conducted, and overall test was conducted after the completion of the course. The results of the tests conducted for module I, II, and overall. Approximately 44.4 % students scored grade A (marks percentage-100%) in all the tests followed by 33.4 % who scored grade B (marks percentage-90%) and 11.1 % scored grade C (marks percentage-80%) and 11.1 % scored grade D (marks percentage-70 and below %).

The performance of the students in the tests were found excellent. About eighty five percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 04-12-2021 and the course completion certificate distributed to all Nine students by the Principal and Head of the Department Dr Parthasarathy, and he had thanked Principal and management for providing best infrastructure for carrying out such courses. Behalf of department he promised to carry out such courses in future also. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, had appreciated the enthusiasm of the students in this course and thanked the Department of Pharmacy practice and the course coordinator Mrs Merin Susan Abraham.

COURSE COORDINATOR

DR MERIN SUSAN ABRAHAM

HOD

DR. PARTHASARATHY G

PRINCIPAL

DR. PADMAA M PAARAKH



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Course on

PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION

(COURSE CODE: SMT 2021-22)

Notice

Date: 10-07-2021

To

Notice Board

To be read in the classrooms

Dr Sri Priya -Course Coordinators

To be filed

The Department of Pharmacy practice, The Oxford College of Pharmacy, Bangalore introduces **30 hours** short term course on PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION for the academic year 2021-22, for the benefit of B. Pharm, M pharm and Pharm. D. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course **is 30 hours**. The classes for the course will start from 13TH Aug 2021 and will be conducted after the college hours on Friday and Saturday. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm, M pharm and Pharm. D students. Interested students can enroll with Dr Sri Priya course coordinators on or before 06th Aug 2021.

COURSE COORDINATOR

DR. SRIPRIYA C

HOD

DR. PARTHASARATHY G

PRINCIPAL

DR. PADMAA M PAARAKH



Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD	Dr. Parthasarathy G HOD, Department of Pharmacy Practice TOCP, Bangalore.
Course coordinator	Dr. SRIPRIYA Assistant professor, Department of Pharmacy Practice TOCP, Bangalore.

THE OXFORD COLLEGE OF PHARMACY

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, M pharm, Pharm. D, Pharm. D (Post-Baccalaureate) and M. Pharm. Students from second, third, fourth, fifth Pharm. D and first, second, third Pharm. D (Post baccalaureate) and from fifth, sixth, seventh, eighth semesters B. Pharm.

For Further Information Contact

Dr. Parthasarathy G, HOD
Department of Pharmacy Practice
Email: mypartha@gmail.com

Course

On

“PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION



Estd. 1974

Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacy practice
1st Main rd., Hongasandra,
Bengaluru, Karnataka -560 068

Important Dates

Duration: **30 hours**

Last date for registration: 06/08/2021

Date of commencement: 13 AUG 2021

Final Evaluation : DEC 2021

REGISTRATION

Registration NIL

Fees It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68

Contact Dr SRI PRIYA
Course Coordinator
registration

STRUCTURE

- Course will be conducted for **30 hours.**
- Course will be conducted via offline mode,
- Every Friday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacy Practice , TOCP , Bangalore- 560068 introduces a course on **Practice aspects and softwares used in medical transcription(SMT2021-22)** teaches the basic of editing, grammar and coding and also recording and transcribing equipment . The course focuses on the various spectrum of communication technologies and the advanced software used in medical transcription.

OBJECTIVES OF THE PROGRAM

PROGRAM

- Properly interpret medications, dosages, and instructions for medication administration.
- Correctly spell commonly prescribed medications.
- Identify basic types of medical records, including work types, components, formatting, and documentation standards.
- After completing the course, the candidate can begin working as a medical transcriptionist in a hospital, private company, or pharmaceutical company.

FINAL ASSESSMENT

Final evaluation will be conducted at the end of the syllabus

DURATION

30 hours beginning from AUG 2022

COURSE OUTCOME

- To prepare for entry level inhouse employment as medical transcriptionist.
- To acquire information to medical record and provide services as health information technician.
- To provide the basic knowledge, understanding and relevant skills required to transcribe health care dictation.
- To prepare accurate patent documents by following professional and ethical principles.

REGISTRATION PROCESS

Students can directly contact respective course coordinator –
Dr sri priya
Contact: 9741334131



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Accredited by NAAC and International Accreditation Organization (IAO)

Course on

PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION

(COURSE CODE: SMT 2021-22)

S.No	Student Name	Signature
1	Manash pratim taid	
2	Manoj A N	
3	Meghna	
4	Mohamed ashwaq S	
5	Mohammed Sameer s	
6	Mouneshwar V	
7	Mounika R	
8	Muralidharan c	
9	N Jeevitha	
10	N Nandhi shri	
11	Naman kumar sethi	
12	Namitha	
13	Nandhini R	
14	Nanditha R	
15	Naveen kumar C	
16	Navya R Reddy	
17	Nawaz N	
18	Neelakanta	
19	Nisarga S T	
20	Ojaswitha K	

COURSE COORDINATOR

DR. SRI PRIYA

HOD

DR. PARTHASARATHY G

PRINCIPAL

DR. PADMAA M PAARAKH



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

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e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;



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Course on

PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION

(COURSE CODE: SMT 2021-22)

MODULES	TOPICS
MODULE - I	Introduction to medical transcription
	Historical Overview of medical transcription
	Objective of medical transcription
	Technology and the medical professionals
	Keyboard kinetics
	Basic computer components and terminology
	Grammar and punctuations
	Medical word building
	Study about antivirus software
	Qwerty keyboard
	Sleuthing in keyboard
	A brief history of speech recognition technology
	Audio transcription
	Front end versus back-end audio transcription
	Setup for transcription
MODULE - II	The transcription and its tools
	Different software used in medical transcription
	Microsoft outlook
	Using the quick access toolbar in outlook
	Using autocorrect and auto text
	Proofing the document in outlook
	Use of Microsoft excel in medical transcription
	Use of Microsoft words in medical transcription
	Introduction- dictation software
	Benefits of dictation software
	Types of dictation software
	Implementation planning for dictation software
	Engaging with dictation software
	access to dictation software
	Use of dictation software in medical transcription
Introduction to medical transcription	

COURSE COORDINATOR

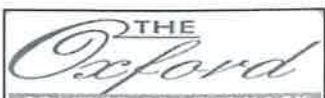
DR SRIPRIYA

HOD

DR. PARTHASARATHY G

PRINCIPAL

DR. PADMAA M PAARAKH





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

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Course on

PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION

(COURSE CODE: SMT 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	13-8-2021	Friday	4.00-5.00PM	Inaugural Module-1	Dr. Padmaa. M. Paarakh Dr Sripriya
2	14-8-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
3	21-8-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
4	27-8-2021	Friday	4.00-5.00PM	Module-1	Dr Sripriya
5	28-8-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
6	03-9-2021	Friday	4.00-5.00PM	Module-1	Dr Sripriya
7	04-9-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
8	11-9-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
9	17-9-2021	Friday	4.00-5.00PM	Module-1	Dr Sripriya
10	18-9-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
11	24-9-2021	Friday	4.00-5.00PM	Module-1	Dr Sripriya
12	25-9-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
13	01-10-2021	Friday	4.00-5.00PM	Module-1	Dr Sripriya
14	08-10-2021	Friday	4.00-5.00PM	Module-1	Dr Sripriya
15	09-10-2021	Saturday	2.00-3.00PM	Module-1	Dr Sripriya
16	16-10-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
17	22-10-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
18	23-10-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
19	29-10-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
20	30-10-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya



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21	06-11-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
22	12-11-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
23	13-11-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
24	19-11-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
25	20-11-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
26	26-11-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
27	27-11-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
28	03-12-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
29	04-12-2021	Saturday	2.00-3.00PM	Module-2	Dr Sripriya
30	10-12-2021	Friday	4.00-5.00PM	Module-2	Dr Sripriya
31	11-12-2021	Saturday	2.00-3.00PM	Valedictory	Dr Sripriya


COURSE COORDINATOR

DR SRIPRIYA

HOD 

DR. PARTHASARATHY G


PRINCIPAL

DR. PADMAA M PAARAKH



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Course on

PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION

(COURSE CODE: SMT 2021-22)

COURSE OUTCOME

The Department of Pharmacy practice, The Oxford College of Pharmacy, Bangalore-560068, completed course in **Practice aspects and software used in medical transcription** (Course Code: SMT 2021-22). Overall, 20 students were registered, and the course was conducted for **30 hours**. This course offers the basic knowledge about the medical terms, terminologies used in medical documents and software used in transcribing helps in better understanding about the medical transcription.

COURSE OUTCOME: At the end of this course students were able to

- Prepare for entry level inhouse employment as medical transcriptionist.
- Acquire information to medical record and provide services as health information technician.
- Acquire the basic knowledge, understanding and relevant skills required to transcribe health care dictation.
- Prepare accurate patent documents by following professional and ethical principles.

COURSE COORDINATOR

DR SRIPRIYA

HOD

DR. PARTHASARATHY G

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Course on

PRACTICE ASPECTS AND SOFTWARES USED IN MEDICAL TRANSCRIPTION

(COURSE CODE: SMT 2021-22)

COMPLETION REPORT

The Department of Pharmacy practice, The Oxford college of Pharmacy, Bangalore, conducted a course on Practice aspects and software used in medical transcription (Course Code: SMT 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the basics of principles and techniques related to medical transcription.

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room NO-505 and all the participants were introduced by Course Coordinators Dr Sri Priya. Total 20 students were present. The inaugural function has been summed up with the introductory lecture of course coordinator Dr Sri Priya.

A total 30 hours course had been conducted each of two hours duration after college hours on Friday and Saturday. Total 20 students were enrolled.

The syllabus of the certificate course had been divided into two modules. After the completion of each module an internal assessment was conducted, and overall test was conducted after the completion of the course. The results of the tests conducted for module I, II, and overall. Approximately 35.2 % students scored grade A (marks percentage-100%) in all the tests followed by 35.9 % who scored grade B (marks percentage-90%) and 28.9 % scored grade C (marks percentage-80%) and 0 % scored grade D (marks percentage-70 and below %).

The performance of the students in the tests were found excellent. About eighty five percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 11-12-2021 and the course completion certificate distributed to all thirty students by the Principal and Head of the Department Dr Parthasarathi, and he had thanked Principal and management for providing best infrastructure for carrying out such courses. Behalf of department he promised to carry out such courses in future also. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, had appreciated the enthusiasm of the students in this course and thanked the Department of Pharmacy practice and the course coordinator Dr Sri Priya.


COURSE COORDINATOR

DR. SRIPRIYA C


HOD

DR. PARTHASARATHY G


PRINCIPAL

DR. PADMAA M PAARAKH



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COURSE ON RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS

(Course Code: RMIPR 2021-22)

NOTICE

Date: 07-02-2022

To

Notice Board

To be read in the class rooms

Course Coordinator- Dr. G. Nagalakshmi and Mrs. Seena Patel

To be filed

The Oxford College of Pharmacy, Bangalore introduces **30 hours** course on **Research Methodology & Intellectual Property Rights** for the academic year 2021-22, for the benefit of Pharm. D (PB) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 17th Feb 2022 and will be conducted after the college hours on Thursday, Friday and Saturday. The eligibility criteria include students pursuing Pharmacy degree, that is Pharm. D (PB) students. Interested students can enroll with Dr. G. Nagalakshmi and Mrs. Seena Patel, course coordinator on or before 14th Feb 2022.

Course Coordinator

Dr. G. Nagalakshmi

Mrs. Seena Patel

HOD

Dr. Jyoti Shrivastava

PRINCIPAL

Dr. Padmaa M. Paarakh



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e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;

Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr. Jyoti Shrivastava, Department of Pharmaceutical Chemistry, TOCP, Bangalore.
Program Coordinator	Dr. G. Nagalakshmi and Mrs. Seena Patel Department of Pharmaceutical Chemistry, TOCP, Bangalore.

For Further Information Contact

Dr. G. Nagalakshmi
Associate Professor
Department of Pharmaceutical
Chemistry
TOCP, Bangalore
Email:
nagalakshmipharma@gmail.com

“RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutical Chemistry,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 14/02/2022

Date of commencement: 17/02/2022

Planned Examination : After completion
of 30 hours classes.

THE OXFORD COLLEGE OF PHARMACY

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., Pharm. D (Post-Baccalaureate) Students from First, second and third year Pharm.D (Post baccalaureate).

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Dr. G.Nagalakshmi 8220611134 Mrs. Seena Patel 9714488133

STRUCTURE

- Course will be conducted for total **30 hours** after the college hours.
- Course will be conducted through Offline mode.
- Every Thursday, Friday & Saturday.

COURSE DESCRIPTION

The Department of Pharmaceutical Chemistry, TOCP, Bangalore-560068 introduces a Thirty hours course on Research Methodology & Intellectual Property Rights (Course Code: RMIPR 2021-22). This course offers the basic knowledge about the Research Methodology and aware of their rights for the protection of their invention done in their project work.

OBJECTIVES OF PROGRAM

- This course will help the students in understanding the importance of research, research problem, research design and sampling design.
- The course is designed to provide comprehensive knowledge to the students regarding introduction to IPR, Patent rights and copyright, Trademarks, Domain names on cyber space.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus.

DURATION

Thirty hours

OUTCOME

- This course provides an overview of skills required to write a good research and review paper.
- Students will learn how to acquire patent.
- Students will learn to have copyright for their innovative works.
- Students also get knowledge of plagiarism in their innovations which can be questioned legally.

REGISTRATION PROCESS

- Contact your course coordinators and register.



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COURSE ON RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS

(Course code: RMIPR 2021-22)

List of Students

S.No	Student Name	Signature
1	BHUVANESHWARI R	Bhuvaneshwari
2	BINDU R	Bindu
3	CHRISTINA JAMES	Christina
4	RAJDEEP KOUR	Rajdeep
5	LOKESH S V	Lokesh
6	MRUDHULA R	Mrudhula
7	ANJANA P BIJU	Anjana
8	ANUSHA S	Anusha
9	ARENUNGLA R	Arenungla
10	AVEZ AHAMED M	Avez
11	BILAL AHMAD RESHI	Bilal
12	NAMGENG CHAWANG	Namgeng
13	PONGOM L	Pongom

Course Coordinator

Dr. G. Nagalakshmi

Mrs. Seena Patel

HOD

Dr. Jyoti Shrivastava

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS

(Course code: RMIPR 2021-22)

SYLLABUS

MODULE	TOPIC
Introduction	Introduction to the Program
Module 1: Research Methodology	Research Methodology: An Introduction
	Meaning of Research, objectives of Research, Motivation of Research, Types of Research, Research Approaches, Significance of Research.
	Research Methods versus Methodology, Research and Scientific Method, Importance of knowing How Research is Done, Research Process.
	Criteria of Good research, Problems encountered by Researchers in India.
	Defining the Research Problem
	What is a Research Problem?, Selecting the Problem, Necessity of Defining the Problem,
	Technique Involved in Defining a Problem.
	Research Design
	Meaning of Research Design, Need for Research Design, Features of a Good Design, Important concepts Relating to Research Design, Different Research Designs.
	Basic Principles of Experimental Design
	Sampling Design
	Census and Sample Survey, Implications of a Sample Design, Steps in Sampling Design, Criteria of Selecting a Sampling procedure.
	Characteristics of a Good Sample Design, Different types of Sample Designs, How to select a Random Sample?
Random sample from an Infinite Universe. Complex Random Sampling Designs.	



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	Measurement and Scaling Techniques
	Measurement in Research, Measurement Scales, Sources of Error in Measurement,
	Tests of Sound Measurement, Techniques of Developing Measurement Tools,
	Scaling, Meaning of Scaling, Scale Classification Bases, Important Scaling Techniques, Scale Construction Techniques.
	Methods of Data Collection
	Collection of Primary Data, Observation Method, Interview Method, Collection of data through Questionnaires, Collection of data through Schedules.
	Differences between Questionnaires and Schedules, Some other Methods of Data Collection, Collection of Secondary Data, Selection of Appropriate Method for Data Collection, Case Study Method.
Module 2: Intellectual Property Rights	Intellectual Property Rights
	Introduction, Types of Intellectual Property, International Organizations,
	Agencies and Treaties, Importance of Intellectual Property Rights.
	Trademarks
	Purpose and Function of Trademarks, Acquisition of Trademark Rights, Protectable Matter,
	Selecting and Evaluating Trademark, Trademark Registration Processes.
	Law of copyrights
	Fundamental of Copyright Law, Originality of Material,
	Rights of Reproduction, Rights to Perform the Work Publicly,
	Copyright Ownership Issues, Copyright Registration,
	Notice of Copyright, International Copyright Law.
	Law of Patents
Foundation of Patent Law, Patent Searching Process,	



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	Ownership Rights and Transfer.
	Trade Secrets
	Trade Secret Law, Determination of Trade Secret Status,
	Liability for Misappropriations of Trade Secrets, Protection for Submission, Trade Secret Litigation.
	Unfair competition
	Misappropriation Right of Publicity, False Advertising.
	New Development of Intellectual Property
	New Developments in Trademark Law; Copyright Law, Patent Law, Intellectual Property Audits.
	International Overview on Intellectual Property, International-Trademark Law, Copyright Law,
	International Patent Law and International Development in Trade Secrets Law.

Course Coordinator

Dr. G. Nagalakshmi

Mrs. Seena Patel

G. Nagalakshmi
Seena Patel

HOD

Dr. Jyoti Shrivastava

Jyoti Shrivastava

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS

(Course Code: RMIPR 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	17-02-2022	Thursday	4.30-5.30	Inauguration and Module-1	Mrs. Seena Patel
2	18-02-2022	Friday	4.30-5.30	Module-1	Mrs. Seena Patel
3	19-02-2022	Saturday	1.30-2.30	Module-1	Mrs. Seena Patel
4	24-02-2022	Thursday	4.30-5.30	Module-1	Mrs. Seena Patel
5	25-02-2022	Friday	4.30-5.30	Module-1	Mrs. Seena Patel
6	26-02-2022	Saturday	1.30-2.30	Module-1	Mrs. Seena Patel
7	03-03-2022	Thursday	4.30-5.30	Module-1	Mrs. Seena Patel
8	04-03-2022	Friday	4.30-5.30	Module-1	Mrs. Seena Patel
9	05-03-2022	Saturday	1.30-2.30	Module-1	Mrs. Seena Patel
10	10-03-2022	Thursday	4.30-5.30	Module-1	Mrs. Seena Patel
11	11-03-2022	Friday	4.30-5.30	Module-1	Mrs. Seena Patel
12	12-03-2022	Saturday	1.30-2.30	Module-1	Mrs. Seena Patel
13	17-03-2022	Thursday	4.30-5.30	Module-1	Mrs. Seena Patel
14	18-03-2022	Friday	4.30-5.30	Module-1	Mrs. Seena Patel
15	19-03-2022	Saturday	1.30-2.30	Module-1	Mrs. Seena Patel
16	24-03-2022	Thursday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
17	25-03-2022	Friday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
18	26-03-2022	Saturday	1.30-2.30	Module-2	Dr. G. Nagalakshmi
19	31-03-2022	Thursday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
20	01-04-2022	Friday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
21	07-04-2022	Thursday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
22	08-04-2022	Friday	4.30-5.30	Module-2	Dr. G. Nagalakshmi



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23	09-04-2022	Saturday	1.30-2.30	Module-2	Dr. G. Nagalakshmi
24	16-04-2022	Saturday	1.30-2.30	Module-2	Dr. G. Nagalakshmi
25	21-04-2022	Thursday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
26	22-04-2022	Friday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
27	23-04-2022	Saturday	1.30-2.30	Module-2	Dr. G. Nagalakshmi
28	28-04-2022	Thursday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
29	29-04-2022	Friday	4.30-5.30	Module-2	Dr. G. Nagalakshmi
30	30-04-2022	Saturday	1.30-2.30	Module-2	Dr. G. Nagalakshmi
31	05-05-2022	Thursday	4.30-5.30	Valedictory	Valedictory

Course Coordinator

Dr. G. Nagalakshmi

Mrs. Seena Patel

HOD

Dr. Jyoti Shrivastava

PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS

(Course Code: RMIPR 2021-22)

OUTCOME REPORT

The Department of Pharmaceutical Chemistry, The Oxford College of Pharmacy, Bangalore-560068 had completed Course on RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS (Course Code: RMIPR 2021-22). 13 students were registered and the course was conducted for 30 hours. This course trains registrants to impart focuses on understanding the importance of research, research problem, research design, sampling design, introduction to IPR, Patent rights and copyright, Trademarks & domain names on cyber space.

Outcomes: At the end of this course students were able to

- Overview of skills required to write a good research and review paper.
- Learn how to acquire Patent.
- Develop copyright for their innovative works.
- Get knowledge of plagiarism in their innovations which can be questioned legally.

The students were satisfied and were keen to attend such programs in future.

Course Coordinator

Dr. G. Nagalakshmi *Gn*

Mrs. Seena Patel
Seena Patel

HOD

Dr. Jyoti Shrivastava
Jyoti Shrivastava

P Padma
PRINCIPAL

Dr. Padmaa M. Paarakh





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COURSE ON RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS

(Course Code: RMIPR 2021-22)

COMPLETION REPORT

The Department of Pharmaceutical Chemistry, The Oxford College of Pharmacy, Bangalore, conducted a course on Research Methodology & Intellectual Property Rights (Course Code: RMIPR 2021-22) for the academic year 2021-22. The course was intended to impart focus on understanding the importance of research, research problem, research design, sampling design, introduction to IPR, Patent rights and copyright, Trademarks & domain names on cyber space.

The course was started with an inaugural function by welcoming the Principal Dr. Padmaa M. Paarakh. The function was conducted at Room No-507 and all the participants were introduced by Course Coordinator Dr. G. Nagalakshmi and Mrs. Seena Patel. Total 13 students attended the program. The inaugural function has been summed up with the introductory lecture of course coordinator Dr. G. Nagalakshmi.

A total of 30 hours course had been conducted after the college hour on Thursday, Friday & Saturday. Total 13 students were enrolled for this course.

The syllabus of the course had been divided into two modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. The results of module I, II, and overall were analysed. Approximately 73 % students scored grade A (marks percentage-95-100%) in all the tests followed by 23 % who scored grade B (marks percentage-90-94%) and 6.3 % scored grade C (marks percentage-85-89%) and 0 % scored grade D (marks percentage-80-84 %). The performance of the students in the tests were found good. About ninety six percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 05/05/2022 and the course participation certificate were distributed to all 13 students by the Principal Dr. Padmaa M.Paarakh and Head of the Department Dr. Jyoti Shrivastava. Dr. Jyoti, thanked Principal madam and management for providing best infrastructure for carrying out such courses. On behalf of department, she promised to carry out such courses in future also.

The guest of the valedictory function, Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students for this course and congratulate the Department of Pharmaceutical Chemistry and the course coordinator Dr. G. Nagalakshmi and Mrs. Seena Patel for successful completion of the course.

Course Coordinator

Dr. G. Nagalakshmi *G₁₀*

Mrs. Seena Patel *Seena Patel*

HOD *ct*

Dr. Jyoti Shrivastava

P Padmaa
PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE IN PHARMA MARKETING 2021-22 (Course Code: PM)

NOTICE

Date: 27-12-2021

To

Notice Board

To be read in the class rooms

Mrs. Saloni Desai, Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces **30 hours** course in Pharma Marketing for the academic year 2021-22, for the benefit of B. Pharm, M. Pharm, Pharm. D and Pharm. D (Post baccaulaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 07 January 2022 and will be conducted every Friday and Saturday after the college hours. The eligibility criteria include students pursuing Pharmacy degree, that is B. Pharm, Pharm. D, and Pharm. D (Post baccaulaureate) and M. Pharm students. Interested students can enroll with Mrs. Saloni Desai, **course** coordinators on or before 3rd January 2022.

CO-ORDINATOR

Mrs. Saloni Desai

HOD

Dr. Jyoti Shrivastava

P. Padma

PRINCIPAL

Dr. Padmaa M. Paarakh



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ORGANIZING COMMITTEE

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr. Jyoti Shrivastava, HOD Department of Pharmaceutical Chemistry, TOCP, Bangalore.
Program Coordinator	Ms. Saloni Desai Asst Prof Department of Pharmaceutical Chemistry, TOCP, Bangalore.

For Further Information Contact

Ms. Saloni Desai

Assistant Professor

Department of Pharmaceutical Chemistry

TOCP

Bangalore

Email: saloni.desai92@gmail.com

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, Pharmacy Council of India, New Delhi and NAAC. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post-Baccalaureate)

COURSE

On

“PHARMA MARKETING”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutical Chemistry,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 3rd January 2022

Date of commencement: 7th January 2022

Planned Examination : After completion
of 30 hours classes.

REGISTRATION

Registration

NIL

It is a free course offered by The Oxford College of Pharmacy Bangalore-68

Contact person for registration

Ms. Saloni Desai
9103070092

OBJECTIVES OF PROGRAM

- This course will help the students to understand the importance of Marketing, Pharmaceutical Market, Product decision, Promotion, Emerging Concepts in Marketing.

OUTCOME

- This course provides information about regulatory compliance, sales techniques, ethical considerations and also effective communication.
- Students will learn consumer behavior and ethical issues in pharmaceutical marketing.
- Students can understand about different concepts of marketing and technique and their application in the pharmaceutical industry

STRUCTURE

- Course will be conducted for total **30 hours**.
- Course will be conducted through offline mode.
- Every Friday & Saturday after the college hours (Offline)

COURSE DESCRIPTION

The Department of Pharmaceutical Chemistry, TOCP, Bangalore- 560068 introduces a 30 hours course on "Pharma Marketing" (Course Code: PM 2021-22). This course offers the basic knowledge about the Marketing & Pharmaceutical Market.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by offline.

DURATION

30 hours

REGISTRATION PROCESS

Contact to the Course Coordinators and Register.



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COURSE ON PHARMA MARKETING 2021-22 (Course Code: PM)

REGISTRATION LIST

SL.NO	NAME OF THE STUDENT	SIGN.OF STUDENT
1	Kiran P	<i>Kiran P</i>
2	Monisha K.C	<i>Monisha</i>
3	Monisha S	<i>MS</i>
4	Nithin kumar C	<i>Nithin C</i>
5	Purushottam M	<i>Purush</i>
6	Yakshita M	<i>Yakshita M</i>
7	Shivani	<i>Shivani</i>
8	Athmaja Shetty	<i>Athmaja</i>
9	Krishnagiri Krishnababu	<i>Krishnagiri</i>
10	Rakesh Babu SN	<i>Rakesh</i>

COURSE CO-ORDINATOR

Saloni Desai
Mrs Saloni Desai

Jyoti Shrivastava
HOD

Dr. Jyoti Shrivastava

P. Padma

PRINCIPAL

Dr. Padmaa M Paarakh



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COURSE ON PHARMA MARKETING 2021-22

(Course Code: PM)

SYLLABUS

S. NO	MODULE	TOPIC
I	Introduction	Introduction to the program
II	Module I	Marketing and Pharmaceutical market
		General Concepts and scope of marketing
		Marketing, selling and Marketing Environment
		Industry and Competitive Analysis in strategic Management
		Consumer buying behaviour and industry buying behaviour
III	Module II	Demographic and Socio-physiological characteristic of consumer
		Product Decision and Promotion
		Product life cycle and product portfolio analysis.
		Classification of decision
		Product management in pharmaceutical industry.
IV	Module III	Determinants of promotion and its budget.
		Overview of personal selling, advertising.
		Professional marketing channels and pricing
		Pharmaceutical marketing channels.
		Professional sales representatives.
Duties of professional sales representative		
Pricing.		
Pricing and overview of DPCO and NPPA.		

CO-ORDINATOR

Mrs. Saroni Desai

HOD

Dr. Jyoti Shrivastava

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON PHARMA MARKETING 2021-22

(Course Code: PM)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	07-01-2022	FRIDAY	4.00-5.00	INAUGURATION	Dr. Padmaa. M. Paarakh Dr. Jyoti Shrivasthava
2	08-01-2022	SATURDAY	2.00-3.00	Module I	Mrs Saloni Desai
3.	08-01-2022	SATURDAY	3.00-4.00	Module I	Mrs Saloni Desai
4.	21-01-2022	FRIDAY	4.00-5.00	Module I	Mrs Saloni Desai
5.	22-01-2022	SATURDAY	2.00-3.00	Module I	Mrs Saloni Desai
6.	28-01-2022	FRIDAY	4.00-5.00	Module I	Mrs Saloni Desai
7.	29-01-2022	SATURDAY	3.00-4.00	Module I	Mrs Saloni Desai
8.	29-01-2022	SATURDAY	4.00-5.00	Module I	Mrs Saloni Desai
9.	04-02-2022	FRIDAY	4.00-5.00	Module I	Mrs Saloni Desai
10.	05-02-2022	SATURDAY	2.00-3.00	Module I	Mrs Saloni Desai
11.	05-02-2022	SATURDAY	3.00-4.00	Module I	Mrs Saloni Desai
12.	11-02-2022	FRIDAY	4.00-5.00	Module II	Mrs Saloni Desai
13.	12-02-2022	SATURDAY	2.00-3.00	Module II	Mrs Saloni Desai
14.	12-02-2022	SATURDAY	3.00-4.00	Module II	Mrs Saloni Desai
15.	18-02-2022	FRIDAY	4.00-5.00	Module II	Mrs Saloni Desai
16.	19-02-2022	SATURDAY	2.00-3.00	Module II	Mrs Saloni Desai
17.	19-02-2022	SATURDAY	3.00-4.00	Module II	Mrs Saloni Desai
18.	25-02-2022	FRIDAY	4.00-5.00	Module II	Mrs Saloni Desai
19.	26-02-2022	SATURDAY	2.00-3.00	Module II	Mrs Saloni Desai
20.	26-02-2022	SATURDAY	3.00-4.00	Module II	Mrs Saloni Desai
21.	04-03-2022	FRIDAY	4.00-5.00	Module III	Mrs Saloni Desai
22.	05-03-2022	SATURDAY	2.00-3.00	Module III	Mrs Saloni Desai



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23.	05-03-2022	SATURDAY	3.00-4.00	Module III	Mrs Saloni Desai
24.	11-03-2022	FRIDAY	4.00-5.00	Module III	Mrs Saloni Desai
25.	12-03-2022	SATURDAY	2.00-3.00	Module III	Mrs Saloni Desai
26.	12-03-2022	SATURDAY	3.00-4.00	Module III	Mrs Saloni Desai
27.	18-03-2022	FRIDAY	4.00-5.00	Module III	Mrs Saloni Desai
28.	19-03-2022	SATURDAY	2.00-3.00	Module III	Mrs Saloni Desai
29.	19-03-2022	SATURDAY	3.00-4.00	Module III	Mrs Saloni Desai
30.	25-03-2022	FRIDAY	4.00-5.00	Module III	Mrs Saloni Desai
31.	26-03-2022	SATURDAY	2.00-3.00	Module III	Mrs Saloni Desai
32.	26-03-2022	SATURDAY	3.00-4.00	VALEDICTORY	Dr. Padmaa. M. Paarakh Dr. Jyoti Shrivasthava


COORDINATOR

Mrs. Saloni Desai


HOD
Dr. Jyoti Shrivastava


PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON PHARMA MARKETING 2021-22

(Course Code: PM)

COURSE OUTCOME REPORT

The Department of Pharmaceutical chemistry, The Oxford College of Pharmacy, Bangalore-560068, completed a Course in Pharma Marketing 2021-22 (Course Code: PM). About 10 students were registered and the course was conducted for **30 hours**. This course outcome is to understand the pharmaceutical industry's structure, regulatory frameworks, market dynamics. The course focused on enhancing the knowledge about the pharmaceutical products, their development, manufacturing, and how to effectively market them.

Course Outcome:

At the end of this course students were able to

- Understand the regulatory compliance, sales techniques, ethical considerations and also effective communication.
- Capable of comprehending consumer behaviour and ethical issues in pharmaceutical marketing, including responsible promotion and interactions with healthcare professionals.
- Understand the marketing concepts and techniques and their applications in the pharmaceutical industry.

The students were satisfied and were keen to attend such programs in future.

CO-ORDINATOR

Mrs. Saloni Desai

HOD

Dr. Jyoti Shrivastava

PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON PHARMA MARKETING 2021-22 (Course Code: PM)

COURSE COMPLETION REPORT

The Department of Pharmaceutical Chemistry, The Oxford college of Pharmacy, Bangalore, conducted a course on 'Pharma Marketing' (Course Code: PM) for the academic year 2021-22. This course will help the students in understanding the importance of marketing, pharmaceutical market, product decision, promotion, emerging concepts in marketing. It will also help the students to understand the general concepts and scope of marketing. Students will also learn about analyzing consumer and industrial buying behavior.

They will also be able to learn the different aspects of pharmaceutical marketing and will study about motivation and prescribing habits of the Physician.

The course was started with an inaugural function started by welcoming the Principal Dr Padmaa M. Paarakh. The function was conducted in Room no 501, and all the participants were welcomed by Mrs. Saloni Desai, Course Coordinator. About 10 students were present for the session. Our principal emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of Dr Jyoti Shrivastava, HOD, Department of Pharmaceutical Chemistry.

A total 30 hours course had been conducted each of two hours' duration on after the college hours. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the students were evaluated with a set of questionnaires.

The results of the tests conducted for all the four modules. Approximately 47.8 % students scored grade A in all the tests followed by 33.4 % who scored grade B and 16.2 % scored grade C and 2.5% scored grade D.

The performance of the students in the tests were found to be excellent. About fifty percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and exploring themselves through the interactive sessions conducted.



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The valedictory function has been conducted at the last and enrolled students were awarded their course completion certificate by the principal. Dr Jyoti Shrivastava appreciated the enthusiasm of the students in this course and also thanked the faculties and the course coordinator Mrs Saloni Desai for organising the course. She thanked our chairman sir Dr Narasimha Raju Garu for providing best infrastructure for carrying out such courses and on the behalf of Department Dr Jyoti Shrivastava also promised to carry out such courses in future also.


CO-ORDINATOR

Mrs. Saloni Desai


HOD

Dr. Jyoti Shrivastava


PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON POLYMERS AND ITS APPLICATION IN PHARMACEUTICALS

(Course Code: PAP 2021-22)

Notice

Date: 01/01/2022

To

Notice Board

To be read in the class rooms

Ms. Keerthana C K, Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces **30 hours** course on "Polymers and its Application in Pharmaceuticals" for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 7th January 2022 and will be conducted on Fridays and Saturdays after class hours. The eligibility criteria include students pursuing Pharmacy degree that is M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) course. Interested students can enroll with Ms. Keerthana C K, course coordinator on or before 6th January 2022.

Course Co-coordinator

Ms. Keerthana C K

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa M Paarakh



ORGANIZING COMMITTEE

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD	Dr Gururaj S Kulkarni, Dept of Pharmaceutics TOCP, Bengaluru.
Course Coordinat ors	Ms. Keerthana C K, Dept of Pharmaceutics TOCP, Bengaluru.

FOR FURTHER INFORMATION

CONTACT

Keerthana C K

Assistant Professor,

Email:keerthanack21@gmail.com

Department of Pharmaceutics,

TOCP, Bengaluru

THE OXFORD COLLEGE OF PHARMACY

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) and M. Pharm students.

Course On

**“Polymers and its Application
in Pharmaceuticals”**



Estd. 1974

Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutics,

1st Main Rd., Hongasandra, Bengaluru,

Karnataka -560 068

IMPORTANT DATES

Duration: **30 hours**

Last date for registration: 6 Jan 2022

Date of commencement: 7 Jan 2022

Planned Examination :April 2022

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Ms. Keerthana C K, 9747610737 Course Coordinator

COURSE DESCRIPTION

The Department of Pharmaceutics, TOCP, Bengaluru introduces thirty hours course on "Polymers and its Application in Pharmaceutics" (Course Code: PAP 2021-22). The course focuses on the various polymers and its application in pharmaceuticals for the advancement of drug delivery technology.

OBJECTIVES OF THE

PROGRAM

- The course aims to create a basic awareness about the application of different polymers.
- To impart knowledge regarding the basic concept & principle behind the selection of different polymers used in development of pharmaceuticals.

REGISTRATION PROCESS

Students can directly contact course coordinator and register.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus

DURATION

Thirty hours beginning from 7th January 2022

OUTCOME

- Appreciate and comprehend application of different polymers.
- Understand the principle behind the selection of polymers alone or in combination for the development of different dosage forms and novel drug delivery system for improving the efficacy of drugs.
- Appreciate the formulation of various drug delivery system using polymers and its effect in improving & controlling the delivery of medications.

STRUCTURE

Classes will be conducted on Fridays & Saturdays after college hours



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COURSE ON POLYMERS AND ITS APPLICATION IN PHARMACEUTICALS

(Course Code: PAP 2021-22)

LIST OF STUDENTS

SL.NO	NAME OF THE STUDENT	SIGN.OF STUDENT
1	ARINDAM DEY	Adey.
2	BABISHA R	Babisha
3	BHAVYASHREE N	Bhavashree
4	DHARUNBALA L	Dharunbala
5	FARHANA A A	Farhana
6	HARSHITHA A	Harshitha A
7	LIKITHA CHANDRASHEKAR	Likitha
8	NEETHU T P	Neethu
9	NISHANTH K K	Nishanth K.K.
10	NIZAMUDDIN	Nizamuddin

Course Co-coordinator

Ms. Keerthana C K

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa M Parakh



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COURSE ON POLYMERS AND ITS APPLICATION IN PHARMACEUTICALS

(Course Code: PAP 2021-22)

SYLLABUS

MODULE	CHAPTER	TOPIC
Introduction	Introduction to the Program	
Module 1	Polymers:	Introduction, characteristics of an ideal polymer, criteria followed in polymer selection, polymer properties
		Classification
		Application of polymers in Pharmaceuticals
	Controlled drug Delivery system	Introduction, Rationale of controlled drug delivery, selection of drug candidate, approaches to design formulations, factors influencing the formulation of Controlled drug Delivery system
		Diffusion & Dissolution controlled approach of formulation
	Mucosal Drug Delivery System	Introduction, Advantages & disadvantages of mucosal drug delivery system, mechanism of bio-adhesion; theory of bio-adhesion, formulation consideration of buccal drug delivery system
		Mucoadhesive polymers & significance in formulation, classification and examples
	Gastro-retentive Drug Delivery System	Introduction, advantages, disadvantages & application of Gastro-retentive Drug Delivery System
		Approaches of Gastro-retentive Drug Delivery System
	Module 2	Transdermal drug Delivery system
Formulation approaches Transdermal drug Delivery system		
Ocular drug delivery		Introduction, ideal characteristics of Ocular drug delivery
		Approaches & application of Ocular drug delivery
Implantable drug Delivery		Introduction, advantages, disadvantages and ideal requirement of Implantable drug Delivery system,



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	system	classification
		Approaches & application of Implantable drug Delivery system, Future prospectives of Implantable drug Delivery system

Course Co-coordinator

Ms. Keerthana C K

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa M Paarakh



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COURSE ON POLYMERS AND ITS APPLICATION IN PHARMACEUTICALS

(Course Code: PAP 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	7/1/2022	Friday	4:30PM-5:30PM	Inaugural Module-1	Dr Padmaa M Paarakh Dr Gururaj S Kulkarni
2	14/1/2022	Friday	4:30PM-5:30PM	Module-1	Dr Gururaj S Kulkarni
3	21/1/2022	Friday	4:30PM-5:30PM	Module-1	Dr Gururaj S Kulkarni
4	22/1/2022	Saturday	1:30PM-2:30PM	Module-1	Dr Gururaj S Kulkarni
5	22/1/2022	Saturday	2:30PM-3:30PM	Module-1	Dr Gururaj S Kulkarni
6	28/1/2022	Friday	4:30PM-5:30PM	Module-1	Dr Vikram T
7	29/1/2022	Saturday	1:30PM-2:30PM	Module-1	Dr Vikram T
8	29/1/2022	Saturday	2:30PM-3:30PM	Module-1	Dr Vikram T
9	4/2/2022	Friday	4:30PM-5:30PM	Module-1	Dr Vikram T
10	5/2/2022	Saturday	1:30PM-2:30PM	Module-1	Dr Vikram T
11	5/2/2022	Saturday	2:30PM-3:30PM	Module-1	Dr Vikram T
12	11/2/2022	Friday	4:30PM-5:30PM	Module-1	Dr Gururaj S Kulkarni
13	12/2/2022	Saturday	1:30PM-2:30PM	Module-1	Dr Gururaj S Kulkarni
14	12/2/2022	Saturday	2:30PM-3:30PM	Module-1	Dr Gururaj S Kulkarni
15	18/2/2022	Friday	4:30PM-5:30PM	Module-1	Dr Gururaj S Kulkarni
16	19/2/2022	Saturday	1:30PM-2:30PM	Module-2	Dr Vikram T
17	19/2/2022	Saturday	2:30PM-3:30PM	Module-2	Dr Vikram T
18	25/2/2022	Friday	4:30PM-5:30PM	Module-2	Dr Gururaj S Kulkarni
19	26/2/2022	Saturday	1:30PM-2:30PM	Module-2	Dr Gururaj S Kulkarni
20	26/2/2022	Saturday	2:30PM-3:30PM	Module-2	Dr Gururaj S Kulkarni
21	18/3/2022	Friday	4:30PM-5:30PM	Module-2	Dr Gururaj S Kulkarni
22	19/3/2022	Saturday	1:30PM-2:30PM	Module-2	Dr Gururaj S Kulkarni



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23	19/3/2022	Saturday	2:30PM-3:30PM	Module-2	Dr Gururaj S Kulkarni
24	25/3/2022	Friday	4:30PM-5:30PM	Module-2	Dr Gururaj S Kulkarni
25	26/3/2022	Saturday	1:30PM-2:30PM	Module-2	Dr Gururaj S Kulkarni
26	26/3/2022	Saturday	2:30PM-3:30PM	Module-2	Dr Gururaj S Kulkarni
27	1/4/2022	Friday	4:30PM-5:30PM	Module-2	Dr Vikram T
28	8/4/2022	Friday	4:30PM-5:30PM	Module-2	Dr Vikram T
29	9/4/2022	Saturday	1:30PM-2:30PM	Module-2	Dr Vikram T
30	9/4/2022	Saturday	2:30PM-3:30PM	Module-2	Dr Vikram T
31	11/4/2022	Monday	4:30PM-5:30PM	Valedictory	Ms Keerthana C K

Keerthana

Course Co-coordinator

Ms. Keerthana C K

Gururaj S Kulkarni

HOD

Dr. Gururaj S Kulkarni

P. Padma

Principal

Dr. Padmaa M Paarakh



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COURSE ON POLYMERS AND ITS SIGNIFICANCE IN PHARMACEUTICALS

(Course Code: PAP 2021-22)

OUTCOME REPORT

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore- 560068, completed Course on Polymers and its Application in Pharmaceuticals (Course Code: PAP 2021-22). 10 students were registered and the course was conducted for 30 hours. This course trained registrants to have a basic awareness about the importance of different polymers used in the development of various dosage forms along with its application. The course focused on enhancing the knowledge regarding the basic concepts and principle behind the selection of different polymers used in development of pharmaceuticals.

Outcome:

At the end of this course students were able to

- Appreciate and comprehend application of different polymers.
- Understand the principle behind the selection of polymers alone or in combination for the development of different dosage forms and novel drug delivery system for improving the efficacy of drugs.
- Appreciate the formulation of various drug delivery system using polymers and its effect in improving & controlling the delivery of medications.

The students were satisfied and were keen to attend such programs in future.

COORDINATOR

Ms. Keerthana C K

HOD

Dr Gururaj S Kulkarni

PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON POLYMERS AND ITS APPLICATION IN PHARMACEUTICALS

(Course Code: PAP 2021-22)

COMPLETION REPORT

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore, conducted a course on "Polymers and its Application in Pharmaceuticals" (Course Code: PAP 2021-22) for the academic year 2021-22. The course was intended to impart knowledge about the importance of different polymers used in the development of pharmaceuticals. They will also be able to learn the basic concepts and principle behind the selection of different polymers used in development of different pharmaceuticals.

The course was started with an inaugural function started by welcoming the Principal Dr Padmaa M. Paarakh. The function was conducted in Room no 507, and all the participants were introduced by Course coordinator Mrs. Divya S Kumar, Course Coordinator. Total 10 students were present. Our Principal had emphasized on the importance of doing such courses for the betterment of their future. The inaugural function has been summed up with the introductory lecture by Dr Gururaj S Kulkarni.

A total of thirty hours course had been conducted after the college hours on Friday & Saturday. Total 10 students were enrolled for this course. The syllabus of the course had been divided into two modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. The results of module I, II and overall were analyzed. Approximately 65.33 % students scored grade A (marks percentage-95-100%) in all the tests followed by 26.66 % who scored grade B (marks percentage-90-94 %) and 8 % scored grade C (marks percentage-85-89%). The performance of the students in the tests were found good. About eighty percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and exploring themselves through the interactive sessions conducted.

The valedictory function has been conducted on 11/04/2022 and course participation certificate were distributed to all 10 students by the Principal Dr Padmaa M Paarakh and Head of the Department Dr Gururaj S Kulkarni. Dr. Gururaj S Kulkarni, thanked Principal and management for providing best infrastructure for carrying out such courses. On behalf of department, he promised to carry out such courses in future also.



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The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students for this course and congratulate the Department of Pharmaceutics and the course coordinator Ms Keerthana C K for successful completion of the course.

Course Co-coordinator

Ms. Keerthana C K

HOD

Dr Gururaj S Kulkarni

Principal

Dr. Padmaa M Paarakh



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES

(Course Code: UPC 2021-22)

Notice

Date: 01-04-2022

To

Notice Board

To be read in the class rooms

Ms. Divya S Kumar, Course Coordinator

To be filed

The Oxford College of Pharmacy, Bangalore introduces **30 hours** course on Knowledge Enrichment on Unit Processing of Capsules for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 23rd April 2022 and will be conducted on Saturdays and Sundays through Microsoft Teams. The eligibility criteria include students pursuing M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) course. Interested students can enroll with Ms. Divya S Kumar, course coordinator on or before 22nd April 2022.

Course Co-coordinator

Ms. Divya S Kumar

HOD

Dr Gururaj S Kulkarni

Principal

Dr. Padmaa M Paarakh



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ORGANIZING COMMITTEE

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD	Dr Gururaj S Kulkarni, HOD Dept of Pharmaceutics TOCP, Bengaluru.
Course Coordinators	Ms. Divya S Kumar, Dept of Pharmaceutics TOCP, Bengaluru.

Course On

“Knowledge Enrichment on Unit Processing of Capsules”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmaceutics,
1st Main Rd., Hongasandra, Bengaluru,
Karnataka -560 068

IMPORTANT DATES

Duration: **30 hours**

Last date for registration: 22 April 2022
Date of commencement: 23 April 2022
Planned Examination : After
completion of 30 Hrs. of classes

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate) and M. Pharm students.

FOR FURTHER INFORMATION

CONTACT

Ms. Divya S Kumar

Assistant Professor,

Email:

divya.skumar.1984@gmail.com

Department of Pharmaceutics,

TOCP, Bengaluru

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Ms. Divya S K, 9483958121 Course Coordinators

COURSE DESCRIPTION

The Department of Pharmaceutics, TOCP, Bengaluru introduces a **thirty hours** course on "Knowledge Enrichment on Unit Processing of Capsules" (Course Code: UPC 2021-22). The course focuses on the various unit operational concepts with basic awareness about its significance in the manufacturing of capsules.

DURATION

Thirty hours beginning from 23rd April 2022

OBJECTIVES OF THE

PROGRAM

- The course aims to create a basic awareness about the significance of different unit operations used in the manufacturing of capsules.
- To enhance the knowledge regarding the basic concept & principle behind the unit operations which will in turn help them to understand the formulation process of capsule dosage form.

STRUCTURE

- Classes will be conducted during Saturdays and Sundays
- Classes will be conducted through Microsoft Teams

FINAL ASSESSMENT

- Final assessment will be conducted at the end of the syllabus.

OUTCOME

- Appreciate and comprehend significance of excipients selection in quality of dosage form.
- Understand the processes involved in pharmaceutical manufacturing process of capsules.
- Appreciate various unit operations used in pharmaceutical industries for manufacturing of solid dosage form.

REGISTRATION PROCESS

Students can directly contact course coordinator and register.

LINK TO JOIN THE CLASS:

<https://teams.microsoft.com/l/team/19%3a05AEvDz5-kZurREXVDpPE4rXCSbZE1f1PNr81sG5fV01%40thread.tacv2/conversations?groupId=d8eda224-c7dd-4f1d-a981-bbf4c42f53a1&tenantId=17712ef8-7969-4f3b-973d-754e65ccee50>



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES

(Course Code: UPC 2021-22)

LIST OF STUDENTS


SL.NO	NAME OF THE STUDENT	SIGN. OF STUDENT
1	ARINDAM DEY	Adey
2	BABISHA R	Babisha
3	BHAVYASHREE N	Bhavisha
4	DHARUNBALA L	Dharun
5	FARHANA A A	Farhan
6	HARSHITHA A	Harshitha
7	LIKITHA CHANDRASHEKAR	Likitha
8	NEETHU T P	Neethu
9	NISHANTH K K	Nishanth
10	NIZAMUDDIN	Nizamuddin
11	NUNGSHICHILA A JAMIR	Nungshichila


Course Co-coordinators

Ms. Divya S Kumar


HOD

Dr. Gururaj S Kulkarni


Principal

Dr. Padmaa M Paarakh



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES

(Course Code: UPC 2021-22)

SYLLABUS

MODULE	CHAPTER	TOPIC
Introduction	Introduction to the Program	
Module 1	Introduction to Capsule Manufacturing Processing:	Introduction to solid dosage form-Capsules, Filling materials, Types of capsules, Selection of Excipients
		Materials for construction of Equipment
	Size Reduction:	Objectives, Mechanisms & Laws governing size reduction, factors affecting size reduction.
		Principles, construction, working, uses, merits and demerits of Hammer mill, ball mill, fluid energy mill.
	Size Separation:	Objectives, applications & mechanism of size separation, official standards of powders, sieves,
		Size separation principles, construction, working, uses, merits and demerits of Sieve shaker, cyclone separator, Air separator, Bag filter
	Practical & Demonstration 1:	To reduce the size of given sample using ball mill and to determine its efficiency
To determine the particle size determination of given sample		
Module 2	Mixing:	Objectives, applications & factors affecting mixing, Theory of mixing, solid-solid, solid-liquid, liquid-liquid mixing
		Principles, Construction, Working, uses, Merits and Demerits of V-cone blender, Double cone blender, twin shell blender, ribbon blender
		Sigma blade mixer, planetary mixers, zig-zag mixers
		Impellers & its types, Homogenizers
	Drying:	Objectives, applications & mechanism of drying process, factors affecting drying, classification & types of dryers,



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		Measurements & applications of Equilibrium Moisture content, rate of drying curve.
		Principles, construction, working, uses, merits and demerits of Tray dryer, drum dryer, vacuum dryer
	Capsule Filling	Different methods to fill capsules
	Practical & Demonstration 2:	To construct the rate of drying curve & percentage loss on drying
		To determine the mixing efficiency of the propeller in different positions

Course Co-coordinators

Ms. Divya S Kumar

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa M Paarakh



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES

(Course Code: UPC 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	23/4/2022	Saturday	1:30PM-2:30PM	Inaugural Module-1	Dr Padmaa M Paarakh Dr Gururaj S Kulkarni
2	23/4/2022	Saturday	2:30PM-3:30PM	Module-1	Ms Keerthana C K
3	24/4/2022	Sunday	10:00AM-11:00AM	Module-1	Ms Keerthana C K
4	30/4/2022	Saturday	1:30PM-2:30PM	Module-1	Ms Keerthana C K
5	30/4/2022	Saturday	2:30PM-3:30PM	Module-1	Ms Keerthana C K
6	1/5/2022	Sunday	10:00AM-11:00AM	Module-1	Ms Keerthana C K
7	7/5/2022	Saturday	1:30PM-2:30PM	Module-1	Ms Divya S Kumar
8	7/5/2022	Saturday	2:30PM-3:30PM	Module-1	Ms Divya S Kumar
9	8/5/2022	Sunday	10:00AM-11:00AM	Module-1	Ms Divya S Kumar
10	14/5/2022	Saturday	1:30PM-2:30PM	Module-1	Ms Divya S Kumar
11	14/5/2022	Saturday	2:30PM-3:30PM	Module-1	Ms Divya S Kumar
12	15/5/2022	Sunday	10:00AM-11:00AM	Module-1	Dr Vikram T
13	21/5/2022	Saturday	1:30PM-2:30PM	Module-1	Dr Vikram T
14	21/5/2022	Saturday	2:30PM-3:30PM	Module-1	Dr Vikram T
15	22/5/2022	Sunday	10:00AM-11:00AM	Module-1	Dr Vikram T
16	28/5/2022	Saturday	1:30PM-2:30PM	Module-2	Dr Vikram T
17	28/5/2022	Saturday	2:30PM-3:30PM	Module-2	Ms Sanjana N K
18	29/5/2022	Sunday	10:00AM-11:00AM	Module-2	Ms Sanjana N K
19	4/6/2022	Saturday	1:30PM-2:30PM	Module-2	Ms Sanjana N K
20	4/6/2022	Saturday	2:30PM-3:30PM	Module-2	Ms Sanjana N K
21	5/6/2022	Sunday	10:00AM-11:00AM	Module-2	Ms Sanjana N K
22	11/6/2022	Saturday	1:30PM-2:30PM	Module-2	Ms Surinder Kaur

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23	11/6/2022	Saturday	2:30PM-3:30PM	Module-2	Ms Surinder Kaur
24	12/6/2022	Sunday	10:00AM-11:00AM	Module-2	Ms Surinder Kaur
25	18/6/2022	Saturday	1:30PM-2:30PM	Module-2	Ms Surinder Kaur
26	18/6/2022	Saturday	2:30PM-3:30PM	Module-2	Ms Uma Prabha
27	19/6/2022	Sunday	10:00AM-11:00AM	Module-2	Ms Uma Prabha
28	25/6/2022	Saturday	1:30PM-2:30PM	Module-2	Ms Uma Prabha
29	25/6/2022	Saturday	2:30PM-3:30PM	Module-2	Ms Uma Prabha
30	26/6/2022	Sunday	10:00AM-11:00AM	Module-2	Ms Uma Prabha
31	28/6/2022	Tuesday	4:30PM-5:30PM	Valedictory	Ms. Divya S Kumar


Course Co-coordinator

Ms. Divya S Kumar


HOD

Dr. Gururaj S Kulkarni


Principal

Dr. Padmaa M Paarakh



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES (COURSE CODE: UPC 2021-22)

OUTCOME REPORT

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore- 560068, completed course on Knowledge Enrichment on Unit Processing of Capsules (Course Code: UPC 2021-22). 11 students were registered and the course was conducted for 30 hours. This course trains registrants to have a basic awareness about the significance of different unit operations used in the manufacturing of capsules. The course focuses on enhancing the knowledge regarding the basic concept & principle behind the unit operations which will in turn help them to understand the formulation process of capsule dosage form.

Outcome:

At the end of this course students were able to

- Appreciate and comprehend significance of excipients selection in quality of dosage form.
- Understand the processes involved in pharmaceutical manufacturing process of capsules.
- Appreciate various unit operations used in pharmaceutical industries for manufacturing of solid dosage form.

The students were satisfied and were keen to attend such programs in future.

COORDINATOR

Mrs. Divya S Kumar

HOD

Dr Gururaj S Kulkarni

PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES

(Course Code: UPC 2021-22)

COMPLETION REPORT

The Department of Pharmaceutics, The Oxford College of Pharmacy, Bangalore, conducted a course on "Knowledge Enrichment on Unit Processing of Capsules" (Course Code: UPC 2021-22) for the academic year 2021-22. The course was intended to impart focus on the significance of different unit operations used in the manufacturing of tablets. It also helped the registrants to enhance the knowledge regarding the basic concept & principle behind the unit operations which will in turn help them to understand the formulation process of capsule dosage form.

The course was started with an inaugural function started by welcoming the Principal Dr Padmaa M. Paarakh, Dr Gururaj S Kulkarni, HOD, Department of Pharmaceutics. The function was conducted in Smart room and participants were welcomed by Ms Divya S Kumar, Course Coordinator. About 11 students joined the meeting. Our beloved Principal had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of Dr Gururaj S Kulkarni, HOD, Department of Pharmaceutics.

A total thirty hours course had been conducted during weekends through Microsoft Teams and the practical session will be conducted after college hours on Saturdays. The students were enrolled through Teams with the Teams ID- Course -Pharmaceutics (2021-22). The link for the teams was:

<https://teams.microsoft.com/l/team/19%3a05AEvDz5kZurREXVDpPE4rXCSbZE1f1PNr81sG5fV01%40thread.tacv2/conversations?groupId=d8eda224-c7dd-4f0d-a981-bbf4c42f53a1&tenantId=17712ef8-7969-4f3b-973d-754e65ccee50>

The syllabus of the course had been divided into two modules. After the completion of each modules an internal assessment was conducted and overall test was conducted after the completion of the course.

After the completion of each module the students were evaluated with a set of questionnaires.

The link for the test is as follows:





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Module 1:

https://docs.google.com/forms/d/e/1FAIpQLSeM6_JQw4bYF0hrwkmVwMOdyq_t3QCslhYHCUMOGLG_A_Ebv8A/viewform?usp=pp_url

Module 2:

<https://forms.gle/Wk7UDy3TdQ3e2YRH8>

Overall Test:

https://docs.google.com/forms/d/e/1FAIpQLSctpdKSeYnbU0L4I314DgUD-a4UILAMBp0kdf2Ah6ipGbmkw/viewform?usp=pp_url

The results of the tests conducted for all the two modules and the overall test were evaluated. Approximately 60.46 % students scored grade A (100%) in all the tests followed by 27.13 % who scored grade B (90%) and 12.4 % scored grade C (80%).

The performance of the students in the tests were found to be excellent. About ninety percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and exploring themselves through the interactive sessions conducted.


The valedictory function has been conducted on 28/6/22 and the course participation certificates were distributed to all 11 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr Gururaj S Kulkarni. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmaceutics, and the course coordinator for successful completion of the course. The Head of the Department Dr Gururaj S Kulkarni had thanked Principal and management for providing best infrastructure for carrying out such courses and on the behalf of Department he promised to carry out such courses in future also.


Course Co-coordinator

Ms. Divya S Kumar


HOD

Dr Gururaj S Kulkarni


Principal

Dr. Padmaa M Paarakh



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COURSE ON KNOWLEDGE ENRICHMENT ON UNIT PROCESSING OF CAPSULES

(Course Code: UPC 2021-22)

CERTIFICATE DISTRIBUTION LIST

SL.NO	NAME OF THE STUDENT	SIGN. OF STUDENT
1	ARINDAM DEY	Adey.
2	BABISHA R	Babisha
3	BHAVYASHREE N	Bhavashree
4	DHARUNBALA L	Dharun
5	FARHANA A A	Farhan
6	HARSHITHA A	Harshitha
7	LIKITHA CHANDRASHEKAR	Likitha
8	NEETHU T P	Neethu
9	NISHANTH K K	Nishanth
10	NIZAMUDDIN	Nizamuddin
11	NUNGSHICHILA A JAMIR	Nungshichila

Course Co-coordinators

Ms. Divya S Kumar

HOD

Dr. Gururaj S Kulkarni

Principal

Dr. Padmaa M Paarakh



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COURSE ON APPLICATION OF PLANT TISSUE CULTURE

(Course Code: PTC 2021-22)

NOTICE

Date: 08-02-2022

To

Notice Board

To be read in the class rooms

Course Co-ordinator, Mrs. Sweeka KC

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on Applications of Plant Tissue Culture for the academic year 2021-2022, for the benefit of M Pharm, B Pharm, Pharm. D and Pharm. D (Post baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 12th February 2022 and will be conducted every Monday and Saturday after the regular class hours. The eligibility criteria include students pursuing Pharmacy degree, that is M Pharm, B Pharm, Pharm. D, and Pharm. D (Post baccalaureate) students. Interested students can enroll with Mrs. Sweeka. KC, course co-ordinator on or before 10th February 2022.

Sweeka
CO-ORDINATOR
Mrs. Sweeka. KC

[Signature]
HOD
Dr Padmaa M. Paarakh

[Signature]
PRINCIPAL
Dr Padmaa M. Paarakh



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e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;

Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Padmaa M Paarakh Department of Pharmacognosy TOCP, Bangalore.
Program Coordinator	Mrs. Sweeka KC Department of Pharmacognosy TOCP, Bangalore.

For Further Information Contact

Mrs. Sweeka. KC
Assistant Professor
Department of Pharmacognosy
TOCP, Bangalore
Email: Skcmcps92@gmail.com

THE OXFORD COLLEGE OF PHARMACY

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm. Students from third, fourth, fifth, sixth, seventh eighth semesters B. Pharm, Pharm. D, Pharm. D (PB), M. Pharm.

Course on “Application of Plant Tissue Culture”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacognosy,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 10 Feb 2022

Date of commencement: 12 Feb 2022

Planned Examination : April 2022

REGISTRATION

Registration

NIL

It is a free course offered by
The Oxford College of
Pharmacy Bangalore-68

Contact

person for
registration
Mrs. Sweeka KC
9108711734

STRUCTURE

- Course will be conducted for total **30 hours** after the college hours.
- Course will be conducted through offline mode.
- Every Monday and Saturday after the college hours (offline).

COURSE DESCRIPTION

The Department of Pharmacognosy, TOCP, Bangalore- 560068 introduces a 30 hours course in Applications of Plant Tissue Culture (Course Code: PTC 2021-22). This course offers the aims to impart understanding of the basic principle of the plant science & Molecular Biology which can be applied in day today life and research work.

OBJECTIVES OF PROGRAM

- This course is designed to provide knowledge in current technological developments in research with trends in the aims & needs of today's biotechnology industries.
- Explains the Design & application of bioreactors, fermenters, Different Tissue culture technique methods of obtaining of genetically modified plants with its application. Production of Vitamins, Ergot alkaloids.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by online test.

DURATION

- **30 hours** starting from 12 February 2022

OUTCOME

- Recall the basic concepts of biotechnology & explain fundamental cellular events during the process of plant cell culture development.
- Determine the factors influencing plant cell differentiation & thereby execute proper techniques/procedures for the maintenance of sterile condition & proper plant growth.
- Design an experiment with step-by-step instructions to address a research problem

REGISTRATION PROCESS

Directly contact Mrs. Sweeka. KC
the course coordinator.



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COURSE ON APPLICATION OF PLANT TISSUE CULTURE

(Course Code: PTC 2021-22)

List of students

S.No.	Name of the Students	Signature
1	Dimple G	Dimple
2	Jeffy Y	Jeffy
3	Padmashree M	Padma
4	Syed Alsaba Hussain	byed
5	Tina Lally	Tina
6	Sherlin Hepzibah S	Sherlin
7	Zombarkar Muskan	Z.M.
8	Shashikala D M	Shu
9	Debjit Bhakat	Debjit
10	Shubhashini N	Shub
11	Vinisha R	Vinisa
12	Ashish Abhraham	Ashish
13	Abigail N Mozhui	Abi
14	Anirban Debnath	Anir
15	Deepti Choudhary	Deepti

Sweeka.K.C
CO-ORDINATOR
Mrs. Sweeka KC

P. Padma
HOD
Dr Padmaa M. Paarakh

P. Padma
PRINCIPAL
Dr Padmaa M. Paarakh





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COURSE ON APPLICATION OF PLANT TISSUE CULTURE

(Course Code: PTC 2021-22)

Syllabus

Module	Chapter/Topic
Module 1	Introduction to Plant biotechnology
	Study of DNA, RNA, and protein replication
	Techniques of DNA recombinant technology
	Genetic code, regulation of gene expression
	Structure and complicity of genome, cell signaling
Module 2	Introduction and applications of Plant tissue culture
	Types of Plant tissue cultures
	Sterilization methods involved in tissue culture, gene transfer in plants and their applications.
	Enzyme Immobilization
	Fermenters and design of bioreactors
Module 3	Cloning of plant cell: Different methods of cloning & applications. Advantages and disadvantages of plant cell cloning
	Applications of Enzyme Immobilization
	Transgenic plants
	Application of Fermentation technology
	Production of Ergot alkaloids
	Production of Vitamins and other metabolites of pharmaceutical uses

Sweeka, k. c

CO-ORDINATOR

Mrs. Sweeka. KC

Dr. Padmaa M. Paarakh
HOD

Dr Padmaa M. Paarakh

P. Padmaa
PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON APPLICATION OF PLANT TISSUE CULTURE

(Course Code: PTC 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1.	12-02-2022	SATURDAY	2:00-3:00	INAUGURATION and Module-I	Dr. Padmaa. M. Paarakh Mrs. Sweeka KC
2.	12-02-2022	SATURDAY	3:00-4:00	Module I	Mrs. Sweeka KC
3.	14-02-2022	MONDAY	4:30-5:30	Module I	Mrs. Sweeka KC
4.	19-02-2022	SATURDAY	2:00-3:00	Module I	Mrs. Sweeka KC
5.	19-02-2022	SATURDAY	3:00-4:00	Module I	Mrs. Sweeka KC
6.	21-02-2022	MONDAY	4:30-5:30	Module I	Mrs. Sweeka KC
7.	26-02-2022	SATURDAY	2:00-3:00	Module I	Mrs. Sweeka KC
8.	26-02-2022	SATURDAY	3:00-4:00	Module I	Mrs. Sweeka KC
9.	28-02-2022	MONDAY	4:30-5:30	Module I	Mrs. Sweeka KC
10.	05-03-2022	SATURDAY	2:00-3:00	Module I	Mrs. Sweeka KC
11.	05-03-2022	SATURDAY	3:00-4:00	Module II	Mrs. Sweeka KC
12.	07-03-2022	MONDAY	4:30-5:30	Module II	Mrs. Sweeka KC
13.	12-03-2022	SATURDAY	2:00-3:00	Module II	Mrs. Sweeka KC
14.	12-03-2022	SATURDAY	3:00-4:00	Module II	Mrs. Sweeka KC
15.	14-03-2022	MONDAY	4:30-5:30	Module II	Mrs. Sweeka KC
16.	19-03-2022	SATURDAY	2:00-3:00	Module II	Mrs. Sweeka KC
17.	19-03-2022	SATURDAY	3:00-4:00	Module II	Mrs. Sweeka KC
18.	21-03-2022	MONDAY	4:30-5:30	Module II	Mrs. Sweeka KC
19.	26-03-2022	SATURDAY	2:00-3:00	Module II	Mrs. Sweeka KC
20.	26-03-2022	SATURDAY	3:00-4:00	Module III	Mrs. Sweeka KC
21.	28-03-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC
22.	04-04-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC
23.	09-04-2022	SATURDAY	2:00-3:00	Module III	Mrs. Sweeka KC
24.	09-04-2022	SATURDAY	3:00-4:00	Module III	Mrs. Sweeka KC
25.	11-04-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC



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26.	18-04-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC
27.	23-04-2022	SATURDAY	2:00-3:00	Module III	Mrs. Sweeka KC
28.	23-04-2022	SATURDAY	3:00-4:00	Module III	Mrs. Sweeka KC
29.	25-04-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC
30	30-04-2022	SATURDAY	2:00-3:00	Module III	Mrs. Sweeka KC
31	30-04-2022	SATURDAY	3:00-4:00	VALEDICTORY	Dr. Padmaa. M. Paarakh Mrs. Sweeka KC

Sweeka
COORDINATOR
Mrs. Sweeka KC

Dr. Padmaa M. Paarakh
HOD
Dr Padmaa M. Paarakh

P. Padmaa
PRINCIPAL
Dr Padmaa M. Paarakh



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COURSE ON APPLICATION OF PLANT TISSUE CULTURE

(Course Code: PTC 2021-22)

Outcome Report

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore-560068, completed course on Application of Plant tissue culture (Course Code PTC 2021-22). 15 students were registered and the course was conducted for 30 hours. This course trained registrants to have a basic awareness about the various concepts and techniques involved in the Plant tissue culture and the basic, economic & commercial application in plant tissue culture. Current technological developments in research field. The course focused on enhancing the knowledge regarding the methods of obtaining of genetically modified plants with its application, production of vitamins, Ergot alkaloids.

OUTCOMES: At the end of this course students were able to

- 1) Recall the basic concepts of biotechnology & explained fundamental cellular events during the process of plant cell culture development.
- 2) Determine the factors influencing plant cell differentiation & thereby execute proper techniques/procedures for the maintenance of sterile condition & proper plant growth.
- 3) Design an experiment with step-by-step instructions to address a research problem

The students were satisfied and were keen to attend such programs in future.

Sweeka . K.C
CO-ORDINATOR
Mrs. Sweeka. KC

P. Padma
HOD
Dr Padmaa M. Paarakh

P. Padma
PRINCIPAL
Dr Padmaa M. Paarakh



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COURSE ON APPLICATION OF PLANT TISSUE CULTURE

(Course Code: PTC 2021-22)

Completion Report

The Department of Pharmacognosy, The Oxford college of Pharmacy, Bangalore, conducted a Course on Application of Plant Tissue Culture (Course Code: PTC 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the basics of principles, techniques and applications related to application of Plant tissue culture.

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room NO-506 and all the participants were introduced by Course Coordinators Mrs Sweeka. KC. Total 15 students were present. Our principal had emphasized on the importance of doing such courses for betterment of their future. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs. Sweeka. KC

A total 30 hours course had been conducted after the college hours of every Monday and Saturday. Total 15 students were enrolled for this course.

The syllabus of the course had been divided into three modules. After the completion of each modules an internal assessment was conducted and overall test was conducted after the completion of the course.

The results of module I, II, III and overall were analysed. Approximately 46.66 % students scored grade A (marks percentage-100%) in all the tests followed by 40 % who scored grade B (marks percentage-90%) and 13.33 % scored grade C (marks percentage-80%) and 0 % scored grade D (marks percentage-70 and below %).

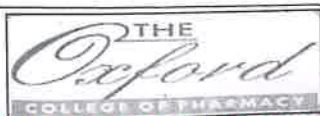
The performance of the students in the tests were found excellent. About ninety two percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 30-04-2022 and the participation certificate were distributed to all 15 students by the Principal & Head of the Department Dr. Padmaa M Paarakh, and we had thanked management for providing best infrastructure for carrying out such courses. Behalf of department she promised to carry out such courses in future also. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, had appreciated the enthusiasm of the students in this course and congratulate the Department of Pharmacognosy and the course coordinator Mrs Sweeka. KC for successful completion of course.

Sweeka KC
CO-ORDINATOR
Mrs. Sweeka. KC

P. Padma
HOD
Dr Padmaa M. Paarakh

P. Padma
PRINCIPAL
Dr Padmaa M. Paarakh





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COURSE ON BIOASSAY GUIDED ISOLATION AND EVALUATION OF HERBAL DRUGS

(Course Code: BAIEH 2021-22)

Notice

Date: 25.07.2022

To

Notice Board

To be read in the class rooms

Course Coordinator- Mrs. Sweeka KC,

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on Bioassay guided isolation and evaluation of herbal drugs for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 1st August 2022 and will be conducted every Monday and Saturday after the regular classes. The eligibility criteria include students pursuing Pharmacy degree, that is M. Pharm, B. Pharm, Pharm. D and Pharm. D (Post baccalaureate) students. Interested students can enroll with Mrs. Sweeka KC, Course coordinator on or before 29th July 2022.

Sweeka

COORDINATOR
Mrs. Sweeka KC

P. Padma
HOD

Dr Padmaa M. Paarakh

P. Padma
PRINCIPAL

Dr Padmaa M. Paarakh



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e-mail: pharmacyprincipal@theoxford.edu; info@theoxford.edu;

Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
Course Co-ordinator	Mrs. Sweeka KC Dept. of Pharmacognosy TOCP, Bengaluru.

For Further Information Contact

Mrs. Sweeka KC
Assistant Professor,
Department of Pharmacognosy,
TOCP, Bengaluru.
Email:
Skcmcops92@gmail.com

THE OXFORD COLLEGE OF PHARMACY

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm. Students from third, fourth, fifth, sixth; seventh, eighth semesters B. Pharm, Pharm. D, Pharm. D (PB), M. Pharm.

Course
On

“Bioassay guided
isolation and evaluation
of herbal drugs ”



THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacognosy,
1st Main Road., Hongasandra,
Bengaluru, Karnataka -560 068

Important Dates

Duration: **30 hours**

Last date for registration: 29th July
2022

Date of commencement: 1st August
2022

Final Examination : October 2022

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Mrs. Sweeka KC Course Co-ordinator 9108711734

STRUCTURE

- Course will be conducted for total **30 hours** after the college hours.
- Course will be conducted through offline mode.
- Every Monday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacognosy, TOCP, Bengaluru introduces a thirty hours course on Bioassay guided isolation and evaluation of herbal drugs (Course code: BHIEH 2021-22). This course offers the basic knowledge about bioassay guided isolation of crude drugs.

OBJECTIVES OF THE PROGRAM

- To gain knowledge about the bioassay guided isolation which is used for profiling and screening of plant extracts.
- Number of methods are available, but this enables for characterization of species causing an observed biological activity.
- The present course is aimed towards a better understanding of the basic concepts and advances in isolation of pure drug molecules with associated biological activity.

FINAL ASSESSMENT

Final exam will be conducted at the end of the syllabus.

DURATION

30 hours beginning from 1st August 2022

OUTCOME

- This course provides an overview of bioassay guided isolation of crude drugs.
- Bioassay guided fractionation protocol.
- To understand the isolation, evaluation process and to apply in natural product therapeutic lead discovery programs.

REGISTRATION PROCESS

Students can directly contact respective course coordinator.



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COURSE ON BIOASSAY GUIDED ISOLATION AND EVALUATION OF HERBAL DRUGS

(Course Code: BAIEH 2021-22)

Registration List

S. No.	Name of the Students	Signature
1.	SAMARPITA NATH	<i>Samarpita Nath</i>
2.	SANDRA S S	<i>Sandra SS</i>
3.	SANJANA R	<i>Sanjana R.</i>
4.	SAPNA S KUMBAR	<i>Sapna S. kumbar</i>
5.	SAVITHA S	<i>Savitha S</i>
6.	SAYAK KULEY	<i>Sayak kuley</i>
7.	SHAIK HUMAYUN	<i>Shaik</i>
8.	SHAMITHA JAIN S A	<i>Shamitha Jain S.A.</i>

Sweeka. k.c
COORDINATOR

Mrs. Sweeka KC

P. Padma
HOD

Dr. Padmaa M. Paarakh

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh





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COURSE ON BIOASSAY GUIDED ISOLATION AND EVALUATION OF HERBAL DRUGS

(Course Code: BAIEH 2021-22)

Syllabus

Module	Chapter/Topic
Module 1	Bioassay and its importance in the evaluation of herbal drugs
	<i>In Vivo</i> -bioassay model-Brine Shrimp Model
	<i>In Vivo</i> -bioassay model-Zebrafish Model
	<i>In Vivo</i> -bioassay model-Drosophila Model
	<i>In Vivo</i> -bioassay model-Animal Model
Module 2	Bioassay in Isolated Organs
	Cell-Based Bioassay
	Cell Viability Assays
	Cell Proliferation Assays
	Cytotoxicity Assays
Module 3	Second Messenger Assay
	Reporter Gene Assay
	Enzyme-Based Bioassay
	Receptor-Based Bioassay
	Dereplication and Other Approaches for Bioassay-Guided Isolation-Separation methods
	1. Column Chromatography and Vacuum Liquid Chromatography
Module 4	2. Flash Column Chromatography and Solid Phase Extraction
	3. Thin-Layer Chromatography and High-Performance Thin-Layer Chromatography
	4. High-Performance Liquid Chromatography and Ultra-High-Performance Liquid Chromatography
	5. Gas Chromatography and Capillary Electrophoresis
	Hyphenated Techniques
	1. Liquid Chromatography–Mass Spectrometry
	2. Gas Chromatography–Mass spectrometry
	3. Liquid Chromatography–Nuclear Magnetic Resonance
Module 5	“Omics”-Guided Approach
	1 Genomics, Proteomics and Metabolomics



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	Bioassay guided fractionation protocol and isolated compounds
	Bioassay-guided fractionation and identification of α -amylase inhibitors from <i>Syzygium cumini</i> leaves.
	Antiplasmodial Properties and Bioassay-Guided Fractionation of Ethyl acetate extracts of <i>Carica papaya</i> leaves.
	<i>Piper betel</i> leaf extract: anticancer benefits and bio-guided fractionation to identify active principles for prostate cancer management.
	Immuno-contraceptive activity guided fractionation and characterization of active constituents of neem (<i>Azadirachta indica</i>) seed extracts.
	Optimisation of the microplate resazurin assay for screening and bioassay-guided fractionation of phytochemical extracts against <i>Mycobacterium tuberculosis</i> .
	Identification of a Phosphodiesterase-Inhibiting Fraction from Roasted Coffee (<i>Coffea arabica</i>) through Activity-Guided Fractionation.

Sweeka .k.c

COORDINATOR

Mrs. Sweeka KC


HOD

Dr. Padmaa M. Paarakh


PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON BIOASSAY GUIDED ISOLATION AND EVALUATION OF HERBAL DRUGS

(Course Code: BAIEH 2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1.	01-08-2022	MONDAY	4:30-5:30	INAUGURATION and Module-I	Dr. Padmaa. M. Paarakh Mrs. Sweeka KC
2.	06-08-2022	SATURDAY	2:00-3:00	Module I	Mrs. Sweeka KC
3.	06-08-2022	SATURDAY	3:00-4:00	Module I	Mrs. Sweeka KC
4.	08-08-2022	MONDAY	4:30-5:30	Module I	Mrs. Sweeka KC
5.	13-08-2022	SATURDAY	2:00-3:00	Module I	Mrs. Sweeka KC
6.	13-08-2022	SATURDAY	3:00-4:00	Module I	Mrs. Sweeka KC
7.	20-08-2022	SATURDAY	2:00-3:00	Module II	Mrs. Sweeka KC
8.	20-08-2022	SATURDAY	3:00-4:00	Module II	Mrs. Sweeka KC
9.	22-08-2022	MONDAY	4:30-5:30	Module II	Mrs. Sweeka KC
10.	27-08-2022	SATURDAY	2:00-3:00	Module II	Mrs. Sweeka KC
11.	27-08-2022	SATURDAY	3:00-4:00	Module II	Mrs. Sweeka KC
12.	29-08-2022	MONDAY	4:30-5:30	Module II	Mrs. Sweeka KC
13.	03-09-2022	SATURDAY	2:00-3:00	Module III	Mrs. Sweeka KC
14.	03-09-2022	SATURDAY	3:00-4:00	Module III	Mrs. Sweeka KC
15.	05-09-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC
16.	10-09-2022	SATURDAY	2:00-3:00	Module III	Mrs. Sweeka KC
17.	10-09-2022	SATURDAY	3:00-4:00	Module III	Mrs. Sweeka KC
18.	12-09-2022	MONDAY	4:30-5:30	Module III	Mrs. Sweeka KC
19.	17-09-2022	SATURDAY	2:00-3:00	Module III	Mrs. Sweeka KC
20.	17-09-2022	SATURDAY	3:00-4:00	Module IV	Mrs. Sweeka KC
21.	19-09-2022	MONDAY	4:30-5:30	Module IV	Mrs. Sweeka KC
22.	24-09-2022	SATURDAY	2:00-3:00	Module IV	Mrs. Sweeka KC
23.	24-09-2022	SATURDAY	3:00-4:00	Module IV	Mrs. Sweeka KC
24.	26-09-2022	MONDAY	4:30-5:30	Module IV	Mrs. Sweeka KC



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25.	01-10-2022	SATURDAY	2:00-3:00	Module IV	Mrs. Sweeka KC
26.	01-10-2022	SATURDAY	3:00-4:00	Module V	Mrs. Sweeka KC
27.	08-10-2022	SATURDAY	2:00-3:00	Module V	Mrs. Sweeka KC
28.	08-10-2022	SATURDAY	3:00-4:00	Module V	Mrs. Sweeka KC
29.	10-10-2022	MONDAY	4:30-5:30	Module V	Mrs. Sweeka KC
30	15-10-2022	SATURDAY	2:00-3:00	Module V	Mrs. Sweeka KC
31	17-10-2022	MONDAY	4:30-5:30	VALEDICTORY	Dr. Padmaa. M. Paarakh Mrs. Sweeka KC

Sweeka
COORDINATOR
Mrs. Sweeka KC

PP
HOD
Dr Padmaa M. Paarakh

P. Padmaa
PRINCIPAL
Dr Padmaa M. Paarakh



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COURSE ON BIOASSAY GUIDED ISOLATION AND EVALUATION OF HERBAL DRUGS

(Course Code: BAIEH 2021-22)

OUTCOME REPORT

The Department of Pharmacognosy, The Oxford College of Pharmacy, Bangalore- 560068, completed a course on Bioassay Guided Isolation and Evaluation of Herbal Drugs 2021-22 (course code: BAIEH 2021-22). 8 students were registered and the course was conducted for 30 hours. The course outcome is to understand bioassay guided isolation which is used for profiling and screening of plant extracts. The course focused on enhancing the knowledge about the basic concepts and advances in isolation of pure drug molecules with associated biological activity.

Outcomes: At the end of this course students were able to

- Overview of bioassay guided isolation of crude drugs.
- Understand bioassay guided fractionation protocol.
- Understand the isolation evaluation process and to apply in natural product therapeutic lead discovery programs.

The students were satisfied and were keen to attend such programs in future.

Sweeka . k.c

CO-ORDINATORS
Mrs. Sweeka KC

P. Padma
HOD

Dr. Padmaa M. Paarakh

P. Padma
PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON BIOASSAY GUIDED ISOLATION AND EVALUATION OF HERBAL DRUGS

(Course Code: BAIEH 2021-22)

Completion Report

The Department of Pharmacognosy, The Oxford college of Pharmacy, Bangalore, conducted a Course in Bioassay guided isolation and evaluation of herbal drugs (Course Code: BAIEH 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the basics of principles, techniques and applications related Bioassay guided isolation and evaluation of herbal drugs.

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room NO-505 and all the participants were introduced by Course Coordinators Mrs Sweeka. KC. Total 8 students were present. Our principal had emphasized on the importance of doing such courses, for betterment of their future. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs. Sweeka. KC

A total thirty hours course had been conducted after the college hours of every Monday and Saturday.

The syllabus of the course had been divided into five modules. After the completion of each modules an internal assessment was conducted and overall test was conducted after the completion of the course.

The results of module I, II, III, IV, V and overall were analysed. Approximately 50 % students scored grade A (marks percentage-100%) in all the tests followed by 25% who scored grade B (marks percentage-90%) and 25 % scored grade C (marks percentage-80%) and 0 % scored grade D (marks percentage-70 and below %).

The performance of the students in the tests were found excellent. About Eighty percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 17/10/2022 and the course participation certificates were distributed to all 8 students by the Principal & Head of the Department Dr. Padmaa M Paarakh, and we had thanked management for providing best infrastructure for carrying out such courses. Behalf of department she promised to carry out such courses in future also. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, had appreciated the enthusiasm of the students in this course and Congratulate the Department of Pharmacognosy and the course co-ordinator Mrs Sweeka. KC for successful completion of the course.

Sweeka. KC
CO-ORDINATOR

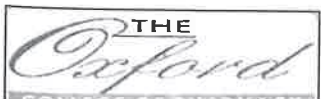
Mrs. Sweeka. KC

P. Padma
HOD

Dr Padmaa M. Paarakh

P. Padma
PRINCIPAL

Dr Padmaa M. Paarakh





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COURSE ON DETECTION OF INFECTIOUS DISEASES BY MICROBIAL TYPING

(Course Code: IMT 2021-22)

Notice

Date: 9/3/2022

The

Notice Board

To be read in the class rooms

Course Coordinator : Mrs. Naga Lakshmi R

To be filed

The Oxford College of Pharmacy, Bangalore introduces a 30 hours course on DETECTION OF INFECTIOUS DISEASES BY MICROBIAL TYPING for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is 30 hours. The classes for the course will start from 9th April 2022 and will be conducted every Friday and Saturday after the regular classes. The eligibility criteria include students pursuing Pharmacy degree that is M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. Interested students can enroll with Mrs. Naga Lakshmi R course coordinator on or before 8th April, 2022.

Course Co-coordinator

Mrs. Nagalakshmi R

HOD

Dr. Noopur Srivastava

Principal

Dr. Padmaa M Paarakh

Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr Noopur Srivastava Department of Pharmacology TOCP, Bangalore.
Program Coordinator	Mrs. Nagalakshmi R, Assistant Professor, Department of Pharmacology TOCP, Bangalore.

For Further Information Contact

Mrs. Nagalakshmi R,
Assistant Professor
Department of Pharmacology
TOCP, Bangalore

Email:

nagalakshmiraghubaranareddy07@gmail.com

Course On “Detection of Infectious Disease by Microbial Typing”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacology
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Important Dates

Duration: **30 hours**

Last date for registration: 8TH April
2022

Date of commencement: 9TH April 2022

Planned Examination : After completion
of 30 hours of classes.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B Pharm, M Pharm, Pharm D, Pharm D Post Baccalaureate and PhD Programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug control Board, Karnataka respectively, approved by A.I.C.T.E and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm D, and Pharm. D (Post baccalaureate).

REGISTRATION

Registration

NIL

Fees
It is a free course offered by The Oxford College of Pharmacy Bangalore-68

Contact

Mrs. Nagalakshmi R

person for

8123482883

registration

STRUCTURE

- Course will be conducted for **30 hours.**

- Every Friday and Saturday after the college hours.

COURSE DESCRIPTION

The Department of Pharmacology, TOCP , Bangalore- 560068 introduces a thirty hours certificate course on Detection of Infectious disease by Microbial Typing(Course Code: IMT 2021-22). This course offers basic knowledge of alternatives to animal models for pharmacological studies including design, conduct and interpretations of results.

OBJECTIVES OF

PROGRAM

- Detection of Infectious disease by Microbial Typing is an important concept which helps to understand PCR techniques.

- Contemporary researchers have indicated successful bio typing.

- This course will help the students in understanding some major protein analysis.

- This course will help the students to understand Chromatographic analysis.

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by the st.

DURATION

- **Thirty hours** beginning from 9 April 2022.

OUTCOME

- This Course will introduce students to study of infectious disease.
- This study helps students to learn about some widely used models for detection of microbial disease.

- Candidates will be able to understand traditional microbial typing.

- Candidates will be able to understand nucleic acid analysis without amplification.

REGISTRATION PROCESS

Directly contact Course Co-Ordinator and register.



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COURSE ON DETECTION OF INFECTIOUS DISEASE BY MICROBIAL TYPING

(Course Code: IMT-2021-22)

List of students

S.NO	Name of the student	Signature
1	ABHIRAMI P PILLAI	
2	AFRAH FATHIMA	
3	AIJINGHUN UMSONG	
4	AKSHAYA S	
5	AMIT KUMAR JENA	
6	ARUSHI NAIR	
7	BHAVANA M REDDY	
8	HARSHITHA G S	
9	HASHUBA N	
10	HEENA K	
11	KEERTHI REDDY M	
12	KIRUBA EVANJALIN	
13	MD AZAM N	
14	MD SHADAAB	
15	MONISH T	
16	NISHITHA S	
17	RAHIB S	

Course Co-coordinator

Mrs. Nagalakshmi R

HOD

Dr. Noopur Srivastava

P. Padma
Principal

Dr. Padmaa M Paarakh



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COURSE ON DETECTION OF INFECTIOUS DISEASES BY MICROBIAL TYPING

(Course Code: IMT 2021-22)

SYLLABUS

MODULE	TOPICS
MODULE - I	Introduction : Microbial Typing
	Types of microbial typing techniques – a) Phenotypic techniques
	b) Genotypic Techniques
	Biotyping, Phagetyping
	Bacteriocine typing, Serotyping
	Antimicrobial Susceptibility typing, Protein typing
	Multilocus Enzyme Electrophoresis (MLEE)
	Plasmid analysis, Restricted endonuclease analysis of chromosomal DNA
	PFGE of chromosomal DNA, Southern blot analysis of RFLPs
Southern/ Northern blotting	
MODULE - II	Pulse field electrophoresis (PFGE)
	Random Amplification of Polymorphic DNA (RAPD)
	Nucleic acid sequencing
	Multi locus sequence typing
	DNA Microarrays
	Whole genome sequencing
	Outsourcing of species identification and typing
	Molecular techniques for typing pathogens – a) Pulse field gel electrophoresis (PFGE)
	b) Multilocus sequence typing (MLST)
c) Random amplified polymorphism deoxyribonucleic acid (RAPD)	
MODULE - III	Detection methods using polymerase chain reaction – based assays
	Single polymerase chain reaction
	Multiple polymerase chain reaction
	Other polymerase chain reactions
	Whole Genome sequencing (WGS)
	Wavelength based microbial growth using Spectroscopic analysis
	Surface enhanced Raman spectroscopy (SERS)
	Fourier transform Infrared spectroscopy in Microbial typing (FTIR)
	Near infrared and chemometrics in Microbial typing
	Applications of Molecular typing methods
Limitations of Microbial typing	

Course Co-coordinator

Mrs. Nagalakshmi R

HOD

Dr. Noopur Srivastava

Principal

Dr. Padmaa M Paarakh



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COURSE ON DETECTION OF INFECTIOUS DISEASE BY MICROBIAL TYPING

(Course Code: IMT 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	09-04-2022	Saturday	1.30-2.30 pm	Inaugural Module-1	Dr. Padmaa M Paarakh Mrs. Nagalakshmi R
2	16-04-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Nagalakshmi R
3	16-04-2022	Saturday	2.30-3.30 pm	Module-1	Mrs. Nagalakshmi R
4	22-04-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Nagalakshmi R
5	23-04-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Nagalakshmi R
6	29-04-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Nagalakshmi R
7	30-04-2022	Saturday	1.30-2.30 pm	Module 1	Mrs. Nagalakshmi R
7	06-05-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Nagalakshmi R
8	07-05-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Nagalakshmi R
9	13-05-2022	Friday	4.30-5.30 pm	Module-1	Mrs. Nagalakshmi R
10	14-05-2022	Saturday	1.30-2.30 pm	Module-1	Mrs. Nagalakshmi R
11	20-05-2022	Friday	4.30-5.30 pm	Module-2	Mrs. Nagalakshmi R
12	21-05-2022	Saturday	1.30-2.30 pm	Module-2	Mrs. Nagalakshmi R
13	27-05-2022	Friday	4.30-5.30 pm	Module-2	Mrs. Nagalakshmi R
14	28-05-2022	Saturday	1.30-2.30 pm	Module-2	Mrs. Nagalakshmi R
15	03-06-2022	Friday	4.30-5.30 pm	Module-2	Mrs. Nagalakshmi R
16	04-06-2022	Saturday	1.30-2.30 pm	Module-2	Mrs. Nagalakshmi R
17	10-06-2022	Friday	4.30-5.30 pm	Module-2	Mrs. Nagalakshmi R
18	11-06-2022	Saturday	1.30-2.30 pm	Module-2	Mrs. Nagalakshmi R
19	17-06-2022	Friday	4.30-5.30 pm	Module-2	Mrs. Nagalakshmi R
20	18-06-2022	Saturday	1.30-2.30 pm	Module-2	Mrs. Nagalakshmi R



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21	24-06-2022	Friday	4.30-5.30 pm	Module-3	Mrs. Nagalakshmi R
22	25-06-2022	Saturday	1.30-2.30 pm	Module-3	Mrs. Nagalakshmi R
23	01-07-2022	Friday	4.30-5.30 pm	Module-3	Mrs. Nagalakshmi R
24	02-07-2022	Saturday	1.30-2.30 pm	Module-3	Mrs. Nagalakshmi R
25	08-07-2022	Friday	4.30-5.30 pm	Module-3	Mrs. Nagalakshmi R
26	09-07-2022	Saturday	1.30-2.30 pm	Module-3	Mrs. Nagalakshmi R
27	15-07-2022	Friday	4.30-5.30 pm	Module-3	Mrs. Nagalakshmi R
28	16-07-2022	Saturday	1.30-2.30 pm	Module-3	Mrs. Nagalakshmi R
29	22-07-2022	Friday	4.30-5.30 pm	Module 3	Mrs. Nagalakshmi R
30	23-07-2022	Saturday	1.30-2.30 pm	Module 3	Mrs. Nagalakshmi R
31	23-07-2022	Saturday	2:30-3:00 pm	Validictory	Dr. Noopur Srivastava

Course Co-coordinator

Mrs. Nagalakshmi R

Dr. Noopur Srivastava

Dr. Padmaa M Paarakh



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COURSE ON DETECTION OF INFECTIOUS DISEASE BY MICROBIAL TYPING

(Course Code: IMT 2021-22)

Outcome Report

The Department of Pharmacology, The Oxford College of Pharmacy, Bangalore- 560068, completed course on Detection of Infectious disease by Microbial Typing (Course Code: IMT 2021-22). 26 students were registered and the course was conducted for **30 hours**. This course has helped the students to understand various PCR Techniques, Contemporary researchers have indicated successful bio typing. This course helped the students in understanding some major protein analysis and Chromatographic analysis.

Outcome: At the end of this course students were able to:

- 1) Introduce students on the study of various infectious diseases..
- 2) Understand some widely used models for detection of microbial disease.
- 3) Understand about the traditional Microbial typing.
- 4) Understand about the nucleic acid analysis without amplification.

The students were satisfied and were keen to attend such programs in future.

COORDINATOR

Mrs. Nagalakshmi R

HOD

Dr Noopur Srivastava

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON DETECTION OF INFECTIOUS DISEASE BY MICROBIAL TYPING

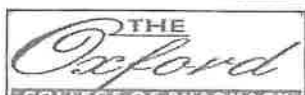
(Course Code: IMT 2021-22)

Course completion Report

The Department of Pharmacology, The Oxford college of Pharmacy, Bangalore, conducted a course on Detection of Infectious diseases by Microbial typing (Course Code: IMT 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the various theories and concepts of detection of infectious disease and its identification by microbial typing.

The course was started with an inaugural function by welcoming the Principal Dr. Padmaa M Paarakh and Dr. Noopur Srivatsava, HOD, Department of Pharmacology . The function was conducted at Room no-501 and all the participants were introduced by Mrs. Nagalakshmi R, Course Coordinator. 26 students attended the meeting. Our Principal had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of course coordinator Mrs. Nagalakshmi R.

A 30 hours course had been conducted after the college hours on Friday and Saturday. The 26 students were enrolled directly by contacting the class coordinator. The syllabus of the course had been divided into three modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. After the completion of each module the tests were conducted through offline in class room. The final results of the tests conducted for module I, II, III and overall are depicted in the graph below with the percent of students and the grade scored in the tests conducted during the course. Approximately 47.8% students scored grade A (marks percentage-95-100%) in all the tests followed by 33.4% who scored grade B (marks percentage-90-94%) and 16.2% scored grade C (marks percentage-85-90 %) and 2.5% scored grade D (marks percentage-80-94 %). The performance of the students in the tests were found to be excellent. About ninety percent of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.



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Children's Education Society (Regd.)

The Oxford College of Pharmacy

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The valedictory function has been conducted on 23/07/2022 in the class room and the course completion certificates are distributed to 26 students by the Principal Dr. Padmaa M Paarakh and Head of the Department Dr. Noopur Srivastava. Dr. Noopur thanked Principal Madam and management for providing best infrastructure for carrying out such courses. On behalf of department she promised to carry out such courses in future also.

The guest of the valedictory function, Dr Padmaa Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmacology and the course coordinator Mrs. Nagalakshmi R for successful completion of the course.

COORDINATOR

Mrs. Nagalakshmi R

HOD

Dr Noopur Srivastava

PRINCIPAL

Dr Padmaa M. Paarakh



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COURSE ON INVIVO PHARMACOLOGICAL STUDIES USING ALTERNATIVE ANIMAL MODELS

(Course Code: ASP 2021-2022)

Notice

Date: 4/4/2022

The

Notice Board

To be read in the class rooms

Course Coordinators Dr. Anjali Raj

To be filed

The Oxford College of Pharmacy, Bangalore introduces a **30 hours** course on in vivo pharmacological studies using alternative animal models for the academic year 2021-22, for the benefit of M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is **30 hours**. The classes for the course will start from 9th April 2022 and will be conducted every Friday and Saturday after the regular classes. The eligibility criteria include students pursuing Pharmacy degree that is M. Pharm, B. Pharm, Pharm D and Pharm D (Post Baccalaureate) students. Interested students can enroll with, Dr. Anjali Raj course coordinator on or before 8th April, 2022.

Course Co-coordinator

Dr. Anjali Raj

HOD

Dr. Noopur Srivastava

Principal

Dr. Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr. Noopur Srivastava Department of Pharmacology TOCP, Bangalore.
Program Coordinator	Dr. Anjali Raj Assistant Professor, Dept of Pharmacology TOCP, Bangalore.

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D Pharm, B Pharm, M Pharm, Pharm D, Pharm D Post Baccalaureate and PhD Programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug control Board, Karnataka respectively, approved by A.I.C.T.E and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B-Pharm, Pharm-D and Post-Baccalaureate students Pharm-D, and Post baccalaureate students B-Pharm.

Course On “In Vivo Pharmacological Studies Using Alternative Animal Models”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacology,
1st Main Rd, Hongasandra,
Bengaluru, Karnataka 560068

Important Dates

30 Hrs Duration

Last date for registration: 08/04/2022

Date of commencement: 09/04/2022

Planned Examination : After
completion of 30 hrs of classes.

For Further Information Contact

Dr. Anjali Raj
Assistant Professor, Department of
Pharmacology
TOCP, Bangalore.
Email: anjii1911@gmail.com

REGISTRATION

Registration Fees

NIL

It is a free course offered by The Oxford College of Pharmacy Bangalore-68

Contact person for registration

Dr. Anjali Raj

STRUCTURE

- Course will be conducted for **30 hrs**
- Course is conducted on every Friday and Saturday after the college hours.
- Course will be conducted through offline.

COURSE DESCRIPTION

The Department of Pharmacology, TOCP, Bangalore- 560068 Introduces a 30 hrs course on Alternative pharmacological screening methods (Course Code: APS 2021-22) This course offers the necessary knowledge of alternatives to animal models for pharmacological studies including design, conduct and interpretations of results.

OBJECTIVES OF PROGRAM

- Understand the major alternative animals used in experimental pharmacology.
- Demonstrate various in-vivo pharmacological studies using alternative animal model..
- Demonstrate various in-vivo toxicity and efficacy studies using alternative animal model..

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus by test.

DURATION

Thirty hours beginning from 9th April 2022

COURSE OUTCOME

- To make students understand the use of alternative animal models in experimental pharmacology.
- To demonstrate the handling of widely used alternate animal models in pharmacological screening .
- To appreciate and correlate the preclinical data to humans

REGISTRATION PROCESS

Directly contact Program Coordinator and register.



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COURSE ON IN -VIVO PHARMACOLOGICAL STUDIES USING ALTERNATIVE

ANIMAL MODELS 2021-22(Course Code: ASP 2021-22)

List of students

Sl.No	Name of the student	Signature
1	ABHIRAMI P PILIAI	AP
2	AFRAH FATHIMA	Afrah
3	AIJINGHUN UMSONG	Aijinghun
4	AKSHAYA S	Akshaya S
5	AMITKUMAR JENA	Amit Kumar
6	ARUSHI NAIR	Arushi Nair
7	BHAVANA M REDDY	Bhavana Reddy
8	HARHITHA GS	GS
9	HASHUB.N	Hashub.N
10	HEENA K	Heena K.

Anjali

Course Co-coordinator

Dr.Anjali Raj

Srivastava

HOD

Dr. Noopur Srivastava

P. Padma

Principal

Dr. Padmaa M Paarakh



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COURSE ON IN-VIVO PHARMACOLOGICAL STUDIES USING

ALTERNATIVE ANIMAL MODELS 2021-22

(Course Code: ASP 2021-22)

SYLLABUS

MODULES	TOPICS
MODULE-1	Introduction
	Animal models are warranted
	Ischemia and reperfusion injury of the spinal cord
	murine, ovine, leporine, caprine, porcine, canine, and equine models
	In regards to cartilage thickness, joint biomechanics and ethical and licensing matters, caprine models are the best suited
	Monoclonal antibodies for cancer treatment
	Preclinical trials of monoclonal antibodies (mAbs) in animal models are required to reach the clinic
	Animal models to study of limb restoration
	Cockroach: similar resemblance within the animal kingdom, cheap, least ethical regulations
	Zebrafish: genome is well identified, vertebrate; grow very fast, high regenerative capacity, least ethical regulations
	Mouse: cheap, fast growth, well established genome, many species and transgenic strains, mammalian
	Rat: larger than mice, cheap, fast growth, well established genome, many species and transgenic strains, mammalian
	Dog: large in size, higher physical activity, cheaper than horse, mammalian, good for preclinical trial, results are trustworthy for human trials
	Horse: larger mammal than dog, higher physical activity, trial result can easily be transferred to human
Efficacy and toxicity of antibacterials can be studied	
STZ produces clinical features in animals that resemble diabetes in	



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MODULE-II	humans
	Skin absorption: in vitro method
	In vitro skin corrosion: transcutaneous electrical resistance (TER)
	In vitro skin corrosion: human skin model test
	In vitro 3T3 NRU phototoxicity test
	Bovine corneal opacity and permeability test method for identifying ocular corrosives and severe irritants
	Isolated chicken eye test method for identifying ocular corrosives and severe irritants
	In vitro skin irritation: reconstructed human epidermis (RhE) test method
	Reduction in the number of animals and stress of the laboratory animals
	The following OECD guidance documents have been developed or improved from the animal welfare perspective
	Detailed review document on classification systems for eye irritation/corrosion in OECD member countries
	Guidance document on the recognition, assessment, and use of clinical signs as humane endpoints
	Guidance document on the validation and international acceptance of new or updated test methods for hazard assessment
	Acute inhalation toxicity testing
The validation of (quantitative) structure-activity relationship	
The conduct of skin absorption studies	


CO-ORDINATOR

Dr. Anjali raj


HOD

Dr. Noopur Srivastava


PRINCIPAL

Dr. Padmaa M. Paarakh



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COURSE ON IN -VIVO PHARMACOLOGICAL STUDIES USING ALTERNATIVE

ANIMAL MODELS 2021-22 (Course Code: ASP 2021-22)

Session Plan

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	09-04-2022	Saturday	01.30-02.30 pm	Inaugural Module-1	Dr. Padmaa M Paarakh Dr. Anjali Raj
2	09-04-2022	Saturday	02.30-03.30 pm	Module-1	Dr. Anjali Raj
3	15-04-2022	Friday	04.30-05.30 pm	Module-1	Dr. Anjali Raj
4	16-04-2022	Saturday	01.30-02.30 pm	Module-1	Dr. Anjali Raj
5	16-04-2022	Saturday	02.30-03.30 pm	Module-1	Dr. Anjali Raj
6	22-04-2022	Friday	04.30-05.30 pm	Module-1	Dr. Anjali Raj
7	23-04-2022	Saturday	01.30-02.30 pm	Module-1	Dr. Anjali Raj
9	23-04-2022	Saturday	02.30-03.30 pm	Module-1	Dr. Anjali Raj
10	29-04-2022	Friday	04.30-05.30 pm	Module-1	Dr. Anjali Raj
11	30-04-2022	Saturday	01.30-02.30 pm	Module-1	Dr. Anjali Raj
12	30-05-2022	Saturday	02.30-03.30 pm	Module-2	Dr. Anjali Raj
13	06-05-2022	Friday	04.30-05.30 pm	Module-2	Dr. Anjali Raj
14	07-05-2022	Saturday	01.30-02.30 pm	Module-2	Dr. Anjali Raj
15	07-05-2022	Saturday	02.30-03.30 pm	Module-2	Dr. Anjali Raj
16	13-05-2022	Friday	04.30-05.30 pm	Module-2	Dr. Anjali Raj
17	14-05-2022	Saturday	01.30-02.30 pm	Module-2	Dr. Anjali Raj
18	14-05-2022	Saturday	02.30-03.30 pm	Module-2	Dr. Anjali Raj
19	20-05-2022	Friday	04.30-05.30 pm	Module-2	Dr. Anjali Raj
20	21-05-2022	Saturday	01.30-02.30 pm	Module-2	Dr. Anjali Raj
21	21-05-2022	Saturday	02.30-03.30 pm	Module-2	Dr. Anjali Raj
22	27-05-2022	Friday	04.30-05.30 pm	Module-3	Dr. Anjali Raj



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23	28-05-2022	Saturday	01.30-02.30 pm	Module-3	Dr. Anjali Raj
24	28-05-2022	Saturday	02.30-03.30 pm	Module-3	Dr. Anjali Raj
25	03-06-2022	Friday	04.30-05.30 pm	Module-3	Dr. Anjali Raj
26	04-06-2022	Saturday	01.30-02.30 pm	Module-3	Dr. Anjali Raj
27	04-06-2022	Saturday	02.30-03.30 pm	Module-3	Dr. Anjali Raj
28	10-06-2022	Friday	04.30-05.30 pm	Module-3	Dr. Anjali Raj
29	11-06-2022	Saturday	01.30-02.30 pm	Module-3	Dr. Anjali Raj
30	17-06-2022	Friday	04.00-05.00 pm	Module-3	Dr. Anjali Raj
31	17-06-2022	Friday	05.00-05.30 pm	Valedictory	Dr. Noopur Srivatsava

Anjali

Course Co-coordinator

Dr. Anjali Raj

Noopur Srivastava

HOD

Dr. Noopur Srivastava

P. Padma

Principal

Dr. Padmaa M Paarakh



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COURSE ON IN -VIVO PHARMACOLOGICAL STUDIES USING ALTERNATIVE

ANIMAL MODELS 2021-22 (Course Code: ASP 2021-22)

Outcome Report

The Department of Pharmacology, The Oxford College of Pharmacy, Bangalore- 560068, completed course on in vivo pharmacological studies using alternative animal models (Course Code: ASP 2021-22). 10 students were registered and the course was conducted for 30 hours. This course has helped the students to understand the need of alternatives in animal experimentation, widely used models feasible within a laboratory sitting, demonstrate basic levels skills in executing protocols using the models.

Outcome: At the end of this course students were able to:

- 1) Understand the need of alternatives in animal experimentation.
- 2) Understand the widely used models feasible within a laboratory sitting
- 3) learn about the recent advance's protocols using the models.
- 4) Understand the purpose develop research interests aiding them for their dissertation studies.

The students were satisfied and were keen to attend such programs in future.

Course Co-coordinator

Dr. Anjali Raj

HOD

Dr. Noopur Srivastava

Principal

Dr. Padmaa M Paarakh



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COURSE ON IN -VIVO PHARMACOLOGICAL STUDIES USING ALTERNATIVE ANIMAL MODELS 2021-22 (Course Code: ASP 2021-22)

Course completion Report

The Department of Pharmacology, The Oxford college of Pharmacy, Bangalore, conducted a course on In vivo pharmacological studies using alternative animal models (Course Code: APS 2021-22) for the academic year 2021-22. The course was intended to impart knowledge to the students about the basics of small animal models that can be used as effective alternatives to animal studies in pharmacology. This course had given enough knowledge to understand the breeding, behaviour and applications of the most widely used alternative animal models in pharmacology providing a base for their future Research oriented studies.

The course was started with a formal inaugural function by welcoming the chief guest Dr. Virupanagouda. P. Patil, Associate Professor, BLDEA College of Pharmacy and principal Dr. M. Padmaa Paarakh. The function was conducted and all the participants were introduced by Dr. Anjali Raj, course coordinator. 10 students joined the meeting. Our principal had emphasized on the importance of doing such courses in academics as well as in future also. The inaugural function has been summed up with the introductory lecture of Dr. Anjali Raj

A total 30 hours course had been conducted each of one hour duration. The syllabus of the course had been divided into three modules. After the completion of each modules an internal assessment was conducted and overall test was conducted after the completion of the course.

The final results of the tests conducted for module I, II, III, and overall are depicted in the result analysis graph with the percent of students and the grade scored in the tests conducted during the course. Approximately 88.46 % students scored grade A (marks percentage-95-100%) in all the tests followed by 19.23 % who scored grade B (marks percentage-90-94%) and 11.54 % scored grade C (marks percentage-85-90 %) and 7.69 % scored grade D (marks percentage-80-94 %).

The performance of the students in the tests were found to be excellent. About ninety percent of the students had scored more than 95% marks in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes if any they have.



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The valedictory function has been conducted and the participants certificate distributed to all 10 students. The guest of the valedictory function, Dr.M Padmaa Paarakh, Principal, had appreciated the enthusiasm of the students in this course and also thanked the Department of Pharmacology, and the course coordinators. The Head of the Department, Dr.Noopur Srivastava had thanked Principal and management for providing best infrastructure for carrying out such courses and on the behalf of Department she promised to carry out such courses in future also.

Anjali

Course Co-coordinators

Dr.Anjali Raj

N. Srivastava

HOD

Dr. Noopur Srivastava

P. Padma

Principal

Dr. Padmaa M Paarakh



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COURSE ON STATISTICAL ANALYSIS SYSTEM IN CLINICAL RESEARCH

(COURSE CODE:SAS2021-22)

NOTICE

Date: 3-01-2022

To

Notice Board

To be read in the class rooms

Course Co-ordinator-Dr Parthasarathy G

To be filed.

The Oxford College of Pharmacy, Bangalore introduces a 30 hours course on Statistical Analysis System in Clinical Research for the academic year 2021-22 for the benefit of M.Pharm, B.Pharm, Pharm.D and Pharm.D(Post-Baccalaureate) students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of this course is 30 hours. The classes for the course will start from 10th January 2022 and will be conducted after college hours on Monday, Friday and Saturday. The eligibility criteria include students Pursuing Pharmacy Degree M.Pharm, B.Pharm, Pharm.D and Pharm.D(Post-Baccalaureate). Interested students can enroll with Dr Parthasarathy G course coordinator on or before 7th January 2022.

COURSE CO-ORDINATOR

Dr Parthasarathy G

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh



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Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bangalore.
HOD	Dr G Parthasarathy Department of Pharmacy Practice TOCP, Bangalore.
Program Coordinator	Dr. G Parthasarathy Department of Pharmacy Practice TOCP, Bangalore.

For Further Information Contact

Dr.G Parthasarathy

HOD

Department of Pharmacy Practice
TOCP, Bangalore

Email:mypartha@gmail.com.

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ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree Mpharm, B.Pharm, (seventh, eighth semester B. Pharm) Pharm. D and Pharm. D (Post-Baccalaureate)

Course

On

**“Statistical Analysis System
in clinical research”**



Organized by

**THE OXFORD COLLEGE OF
PHARMACY**

Department of Pharmacy Practice,
1st Main Rd, Hongasandra, Bengaluru,
Karnataka 560068

Duration: **30 hours**

Last date for registration: **7th Jan 2022**

Commencement : **10th Jan 2022**

Planned Examination : After completion
of 30 hour classes.

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy Bangalore-68
Contact person for registration	Dr Parthasarathy G 9886431015

STRUCTURE

- Course will be conducted for **30 hours**.
- Every Monday, Friday and Saturday after the college hours. (Offline mode).
- Course will be conducted through offline mode.

COURSE DESCRIPTION

The Department of Pharmacy Practice, TOCP, Bangalore introduces a thirty hours course on Statistical Analysis System In Clinical Research (Course Code: SAS2021 22). This course offers necessary knowledge in statistical analysis system used in health care and pharmaceutical settings.

OBJECTIVES OF PROGRAM

- To develop the knowledge in clinical trial process and data structures, managing and transforming clinical trial data.
- Learn ways to apply the statistical procedures for clinical trials and also helps to focus on understanding the programming of clinical trial data and finally report the results.
- Learn ways to validate clinical trial data and learn about data quality control procedures and facilitate automation of task using SAS.
- Develop skills to excel in managing clinical trial data efficiently and ethically in health care and pharmaceutical setting

FINAL ASSESSMENT

Final exams will be conducted at the end of the syllabus.

OUTCOME

- Students will learn to analyse and report clinical trial data.
- Students will acquire knowledge to work with CDISC standards for data exchange and submission.
- This course helps to earn an opportunity to get a job as clinical SAS programmer in various pharmaceutical companies.
- Students will acquire skills and experience in clinical data management, statistical analysis and reporting of clinical trial data using SAS software in clinical research industry.

REGISTRATION PROCESS

- Students can directly contact to the course coordinator Dr Parthasarathy G.

DURATION

- Thirty hours.**



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COURSE ON STATISTICAL ANALYSIS SYSTEM IN CLINICAL RESEARCH

[COURSE CODE- SAS2021-22]

REGISTRATION LIST

Sl no	Reg No	Name of student	Sign
1	20P5605	AARTHI S	A. Arthi's
2	20P5606	ADITYA KUMAR	Aditya
3	20P5607	AIMEN BASHIR	Aimen Bashir
4	20P5608	AKILA C	Akila C
5	20P5609	AKSHITH A	Akshiths
6	20P5610	AMREEN TAJ S	Amreen Taj
7	20P5611	AMULYA S	Amulya S
8	20P5612	ANAND	Anand
9	20P5613	ANUSHA R S	Anusha R S
10	20P5614	ANUSHA V	Anusha V


COURSE CO-ORDINATOR

Dr Parthasarathy G


HOD

Dr Parthasarathy G


PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON STATISTICAL ANALYSIS SYSTEM IN CLINICAL RESEARCH

(COURSE CODE:SAS2021-22)

Syllabus

MODULES	TOPICS
MODULE - I	Introduction to SAS software
	Data files and SAS data sets
	Components of SAS system
	Input methods and Infile options
	SAS modifiers
	Data step functions (character, numeric, data and time functions)
	Processing variables with arrays
	SAS statements
	Declarative statement in data step
	SAS Do-Loops
	Merging SAS Datasets
	Outputs Delivering system (ODS)
	SAS Graphs
	SAS Statistics
Procedures for reporting and data management	
MODULE - II	Advanced SAS-SQL
	MACROS
	Functionality of SAS windows
	Clinical SAS- Role of clinical SAS in Clinical research and clinical trial management
	Phases of clinical trail
	Clinical trial study designs
	Role of Clinical SAS programme
	Reviewing sample SOP's and guidelines from a real pharmaceutical industry
	Clinical study documents • Protocol • CRF • eCRF • SAP
	Clinical data management
	CDISC guidelines
	SDTM data model
	ADaM data model
	TLFs- Tables, listings and figures.
	Creating and managing SAS libraries
	Application of CDA
Application and limitation of SAS	

COURSE CO-ORDINATOR

Dr Parthasarathy G

HOD

Dr.Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON STATISTICAL ANALYSIS SYSTEM IN CLINICAL RESEARCH

(COURSE CODE:SAS2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1.	10/01/2022	MONDAY	4.30-5.30PM	Inauguration Module 1	Dr Parthasarathy G
2.	14/01/2022	FRIDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
3.	17/01/2022	MONDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
4.	21/01/2022	FRIDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
5.	22/01/2022	SATURDAY	1.30-2.30PM	Module 1	Dr Parthasarathy G
6.	24/01/2022	MONDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
7.	28/01/2022	FRIDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
8.	29/01/2022	SATURDAY	1:30 – 2:30PM	Module 1	Dr Parthasarathy G
9.	31/01/2022	MONDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
10.	4/02/2022	FRIDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
11.	5/02/2022	SATURDAY	1.30-2.30PM	Module 1	Dr Parthasarathy G
12.	7/02/2022	MONDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
13.	11/02/2022	FRIDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
14.	12/02/2022	SATURDAY	1:30 – 2:30PM	Module 1	Dr Parthasarathy G
15.	14/02/2022	MONDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
16.	18/02/2022	FRIDAY	4.30-5.30PM	Module 1	Dr Parthasarathy G
17.	19/02/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr Parthasarathy G
18.	21/02/2022	MONDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
19.	25/02/2022	FRIDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
20.	26/02/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr Parthasarathy G
21.	28/02/2022	MONDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
22.	04/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G



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23.	05/03/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr Parthasarathy G
24.	07/03/2022	MONDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
25.	11/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
26.	12/03/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr Parthasarathy G
27.	14/03/2022	MONDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
28.	18/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
29.	19/03/2022	SATURDAY	1:30 – 2:30PM	Module 2	Dr Parthasarathy G
30.	25/03/2022	FRIDAY	4.30-5.30PM	Module 2	Dr Parthasarathy G
31.	26/03/2022	SATURDAY	1:30 – 2:30PM	Valedictory	Valedictory Dr Parthasarathy G


COURSE CO-ORDINATOR
Dr Parthasarathy G


HOD
Dr Parthasarathy G


PRINCIPAL
Dr Padmaa M Paarakh



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COURSE ON STATISTICAL ANALYSIS SYSTEM IN CLINICAL RESEARCH

(Course Code: SAS 2021-22)

OUTCOME REPORT

The Department of Pharmacy Practice, The Oxford College of Pharmacy, Bangalore-560068, completed course on Statistical analysis system in clinical research (Course Code:SAS2021-22).10 students were registered and the course was conducted for 30 hours. This course offers the basic knowledge and skills required to manage clinical trial data efficiently and ethically in health care and pharmaceutical settings using SAS software.

OUTCOMES: At the end of this course students were able to,

- Learn to analyse and report clinical trial data.
- Acquire knowledge to work with CDISC standards for data exchange and submission.
- Earn an opportunity to get a job as clinical SAS programmer in various pharmaceutical companies.
- Acquire skills and experience in clinical data management, statistical analysis and reporting of clinical trial data using SAS software in clinical research industry.

COURSE CO-ORDINATOR

Dr Parthasarathy G

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh



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COURSE ON STATISTICAL ANALYSIS SYSTEM IN CLINICAL RESEARCH

(Course Code: SAS2021-22)

COMPLETION REPORT

The Department of Pharmacy Practice, The Oxford college of Pharmacy, Bangalore, conducted a course on Statistical analysis system in clinical research (Course Code: SAS2021-22) for the academic year 2021-22. This course offers the basic knowledge and skills required to manage clinical trial data efficiently and ethically in health care and pharmaceutical settings using SAS software.

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room No-506 and all the participants were introduced by Course Coordinator Dr Parthasarathy G. Total 10 students were present. The inaugural function has been summed up with the introductory lecture of course coordinator Dr Parthasarathy G

A total 30 hours course had been conducted after college hours on Monday, Friday and Saturday. Total 10 students were enrolled for this course.

The syllabus of the course had been divided into two modules. After the completion of each module an internal assessment was conducted and overall test was conducted after the completion of the course. The final results of the tests conducted for module I, II and overall were analysed. Approximately 32.2% students scored grade A (marks percentage-100%) in all the tests followed by 38.9% who scored grade B (marks percentage-90%) and 28.9% scored grade C (marks percentage-80%).

The performance of the students in the tests were found excellent. About eighty percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 26/03/2022 and the course participation certificate were distributed to all 10 students by the Principal Dr. Padmaa M. Paarakh and Head of the Department Dr Parthasarathy. Dr Parthasarathy thanked Principal madam and management for providing best infrastructure for carrying out such courses. On behalf of department she promised to carry out such courses in future also.

The guest of the valedictory function Dr Padmaa M Paarakh, Principal, TOCP, Bangalore had appreciated the enthusiasm of the students for this course and congratulated the Department of Pharmacy Practice and the course coordinator Dr. Parthasarathy G for the successful completion of the course.

COURSE CO-ORDINATOR

Dr Parthasarathy G

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Paarakh





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COURSE ON UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS

(COURSE CODE – UCDSA 2021-22)

Notice

Date: 08-02-2022

To

Notice Board

To be read in the classrooms

Course Coordinators

Dr Sripriya C

Mrs Merin Susan

To be filed

The Oxford College of Pharmacy, Bengaluru introduces a **30 hours** on Course on Understanding Clinical Documents And SOAP Analysis for the academic year 2021-2022, for the benefit of M Pharm ,B Pharm, Pharm D and Post Baccalaureate students. This course is offered at no cost. There is no academic credit offered for this course. The total duration of course is **30 hours** . The classes for the course will start from 19th FEB 2022 and will be conducted on Wednesday, Friday and Saturday after the regular class hours. The eligibility criteria include students pursuing a Pharmacy degree, that is M pharm , B. Pharm, Pharm. D, and Pharm. D (Post baccalaureate) students. Interested students can enroll with Dr Sripriya C , course coordinator on or before 17th FEB 2022.

Course Co-Coordinator


HOD

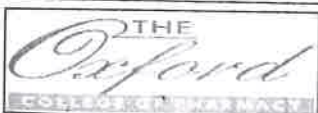

PRINCIPAL

Dr Sripriya C 

Dr Parthasarathy G

Dr Padmaa M Paarakh

Mrs Merin Susan 



Organizing Committee

Chairman	Dr. Padmaa M Paarakh, Principal, TOCP, Bengaluru.
HOD	Dr. Parthasarathy G HOD, Department of Pharmacy Practice TOCP, Bangalore.
Course	Dr Sripriya C
Members	Ms Merin Susan Abraham

For Further Information Contact

Dr SRIPRIYA C

Email: sripriyachittibabu@gmail.com
Course Coordinator
Department of Pharmacy
Practice TOCP, Bengaluru

THE OXFORD COLLEGE OF PHARMACY

The Oxford College of Pharmacy (TOCP) was established in 1992. TOCP under the aegis of Children's Education Society (R) offers D. Pharm, B. Pharm, M. Pharm, Pharm. D, and Pharm. D (Post Baccalaureate) programs. TOCP is recognized by the Government of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, and Drug Control Board, Karnataka respectively, and Pharmacy Council of India, New Delhi. TOCP has excellent infrastructure in terms of sophisticated instruments, laboratories, lecture halls, etc.

ELIGIBILITY CRITERIA

Students Pursuing Pharmacy Degree i.e., B. Pharm, Pharm. D, Pharm. D (Post-Baccalaureate) and M. Pharm. Students from second, third, fourth, fifth Pharm. D and first, second, third Pharm. D (Post baccalaureate) and from fifth, sixth, seventh, eighth semesters B. Pharm.

Course

On

“UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS”



Organized by

THE OXFORD COLLEGE OF PHARMACY

Department of Pharmacy practice
1st Main rd., Hongasandra,
Bengaluru, Karnataka - 560 068

Important Dates

Duration: **30 hours**

Last date for registration: 17th Feb
2022

Date of commencement: 19th Feb 2022
Final Evaluation: after completion of
30 hours

REGISTRATION

Registration Fees	NIL It is a free course offered by The Oxford College of Pharmacy, Bengaluru-68
Contact person for registration	Dr SRIPRIYA C Mrs MERIN SUSAN Course Coordinators

STRUCTURE

- Course will be conducted for **30 hours**
- After the college hours on Wednesday, Friday, Saturday

COURSE DESCRIPTION

The Department of Pharmacy Practice, TOCP, Bangalore- 560068 introduces a course Understanding Clinical documents and SOAP Analysis' teaches the need of documentation in clinical setting. The course focuses on the various spectrum of importance of knowledge on types clinical documents their significance in betterment of treatment.

OBJECTIVES OF THE TRAINING PROGRAM

- Learn the need of Clinical documents as they must be accurate, timely and reflect specific services provided to a patient
- Identify the importance & purpose of clinical documents & SOAP analysis.
- Learn ways to effectively prepare and the skills needed to prepare the documents
- Learn the principles and ethics to be followed while preparing documents and SOAP analysis along with standard procedures needed to be followed in documentation

FINAL ASSESSMENT

Final evaluation will be conducted at the end of the syllabus

DURATION

30 hours beginning from 19th FEB 2022.

COURSE OUTCOME

- Learn the principles and ethics to be followed while preparing documents
- Properly interpret medications, dosages, and instructions for medication administration,
- Correctly spell commonly prescribed medications
- Identify basic types of medical records, including work types, components, formatting, and documentation standards.

REGISTRATION PROCESS

Students can directly contact course coordinators - Dr Sripriya C
9741334131
Mrs Merin susan - 956217 503.



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COURSE ON UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS

(Course Code: UCDSA 2021-22)

List of students

S.NO	Name of the student	Signature
1.	Lal Remruathi	
2.	Abhishek NB	
3.	Aditi Singh	
4.	Akishitha Y	
5.	Amrin M	
6.	Anushree V A	
7.	Avanikaa B S	
8.	Bidve Dev Santosh	
9.	Bishal Kumar Dey	
10.	Chandrakanth G	
11.	Deepika B R	

Course Co-ordinator

Dr Sripriya C

Mrs Merin susan

HOD

Dr Parthasarathy

Principal

Dr. Padmaa M Paarakh

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COURSE ON UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS

(Course Code: UCDSA 2021-22)

SYLLABUS

MODULES	TOPICS
Module I	Introduction to clinical documents
	Purpose of clinical documents
	Types of clinical documents-Patient form and consent
	Financial reports
	Legal documents
	Medical billing and claims
	Accreditation and licensing documents
	Insurance documents
	Electronic health records
	Quality of documentation
	Interpreting the laboratory data
	Understanding the errors in documenting the data
	Job roles related to clinical documentation
Module II	Introduction to SOAP analysis
	SOAP On HTN
	SOAP On CHF
	SOAP On CAD
	SOAP On Asthma
	SOAP On PUD
	SOAP On DM



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	SOAP On RA
	SOAP On TB
	SOAP On Breast Cancer
	SOAP On Leukaemia
	SOAP On Pneumonia
	SOAP On IDA
	SOAP On Bipolar Disorder
	SOAP On Schizophrenia
	SOAP On Anemia

CO-ORDINATOR

Dr Sripriya C

Mrs Merin susan

Sripriya
Ms

HOD

Dr. G Parthasarathy

G Parthasarathy

PRINCIPAL

Dr. Padmaa M. Paarakh

P. Paarakh



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COURSE ON UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS

(COURSE CODE – UCDSA '2021-22)

SESSION PLAN

SL.NO	DATE	DAY	TIME	MODULE	FACULTY
1	19/02/2022	SATURDAY	01:30-02:00PM	Introduction to the program	Dr Parthasarathy
2	19/02/2022	SATURDAY	02:00-03:00PM	Introduction to clinical documents	Mrs Merin Susan
3	23/02/2022	WEDNESDAY	04:30-05:30PM	Purpose of clinical documents	Mrs Merin Susan
4	25/02/2022	FRIDAY	04:30-05:30PM	Types of clinical documents-Patient form and consent	Mrs Merin Susan
5	26/02/2022	SATURDAY	01:30-02:30PM	Financial reports	Mrs Merin Susan
6	02/03/2022	WEDNESDAY	04:30-05:30PM	Legal documents	Mrs Merin Susan
7	04/03/2022	FRIDAY	04:30-05:30PM	Medical billing and claims	Mrs Merin Susan
8	05/03/2022	SATURDAY	01:30-02:30PM	Accrediation and licensing documents	Mrs Merin Susan
9	09/03/2022	WEDNESDAY	04:30-05:30PM	Insurance documents	Mrs Merin Susan
10	11/03/2022	FRIDAY	04:30-05:30PM	Electronic health records	Mrs Merin Susan
11	12/03/2022	SATURDAY	01:30-02:30PM	Quality of documentation	Mrs Merin Susan
12	16/03/2022	WEDNESDAY	04:30-05:30PM	Interpretating the laboratory data	Mrs Merin Susan
13	18/03/2022	FRIDAY	04:30-05:30PM	Understanding the errors in documenting the data	Mrs Merin Susan
14	19/03/2022	SATURDAY	01:30-02:30PM	Job roles related to clinical documentation	Mrs Merin Susan
15	23/03/2022	WEDNESDAY	04:30-05:30PM	Introduction to SOAP analysis	Dr Sripriya C
16	25/03/2022	FRIDAY	04:30-05:30PM	SOAP On HTN	Dr Sripriya C
17	26/03/2022	SATURDAY	01:30-02:30PM	SOAP On CHF	Dr Sripriya C
18	30/03/2022	WEDNESDAY	04:30-05:30PM	SOAP On CAD	Dr Sripriya C



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19	01/04/2022	FRIDAY	04:30-05:30PM	SOAP On Asthma	Dr Sripriya C
20	06/04/2022	WEDNESDAY	01:30-02:30PM	SOAP On PUD	Dr Sripriya C
21	08/04/2022	FRIDAY	04:30-05:30PM	SOAP On DM	Dr Sripriya C
22	09/04/2022	SATURDAY	04:30-05:30PM	SOAP On RA	Dr Sripriya C
23	13/04/2022	WEDNESDAY	01:30-02:30PM	SOAP On TB	Dr Sripriya C
24	20/04/2022	WEDNESDAY	04:30-05:30PM	SOAP On Breast Cancer	Dr Sripriya C
25	22/04/2022	FRIDAY	04:30-05:30PM	SOAP On Leukaemia	Dr Sripriya C
26	23/04/2022	SATURDAY	01:30-02:30PM	SOAP On Pneumonia	Dr Sripriya C
27	27/04/2022	WEDNESDAY	04:30-05:30PM	SOAP On IDA	Dr Sripriya C
28	29/04/2022	FRIDAY	04:30-05:30PM	SOAP On Bipolar Disorder	Dr Sripriya C
29	30/04/2022	SATURDAY	01:30-02:30PM	SOAP On Schizophrenia	Dr Sripriya C
30	04/05/2022	WEDNESDAY	04:30-05:30PM	SOAP On Anemia	Dr Sripriya C
31	06/05/2022	FRIDAY	04:30-05:30PM	SOAP On Renal Failure	Dr Sripriya C
32	07/05/2022	SATURDAY	01:30-02:30 PM	Valedictory	Valedictory

Co-Coordinator

Dr Sripriya C

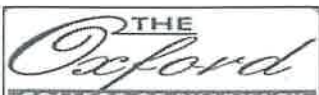
Mrs Merin Susan

HOD

Dr Parthasarathy G

PRINCIPAL

Dr Padmaa M Parakh



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COURSE ON UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS

(COURSE CODE – UCDSA 2021-22)

Outcome Report

The Department of Pharmacy Practice of The Oxford college of pharmacy, Bangalore 560068 is conducted a Course on Understanding Clinical Documents and SOAP Analysis (Course Code – UCDSA 2021-22). 11 Students participated in the course. Medical documentation provided a full picture of a patient's medical history, in order for clinicians to have all the information they need to consider when treating or diagnosing a patient. If this information is incorrectly documented, illegible or unnecessarily delayed, it can cause immense risk to the patient in question. Good documentation provides patient safety and quality of care. It is extremely important that healthcare organizations put time, effort and resources into ensuring that their documentation practices meet high quality standards. The knowledge of Good documentation promotes patient safety and quality of care. This course provides registrants to have a thorough knowledge about the SOAP Analysis helps to organize the medical information such that it is located in easy to find places.

Outcome: At the end of this course, students were able to

1. Learn the principles and ethics to be followed while preparing documents
2. Properly interpret medications, dosages, and instructions for medication administration,
3. Correctly spell commonly prescribed medications
4. Identify basic types of medical records, including work types, components, formatting, and documentation standards.

The students were satisfied and were keen to attend such programs in future.

Course Coordinators

Dr Sripriya C

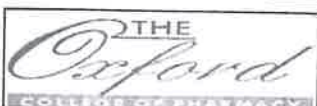
Mrs Merin Susan

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Dr Parthasarthy G

Principal

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COURSE ON UNDERSTANDING CLINICAL DOCUMENTS AND SOAP ANALYSIS

(Course Code: UCDSA 2021-22)

Course Completion Report

The Department of Pharmacy practice, The Oxford college of Pharmacy, Bangalore, conducted a course on Understanding Clinical Documents and SOAP Analysis (Course Code: UCDSA 2021-22) for the academic year 2021-22. The course was intended to elaborate the knowledge in the field of clinical documentation and SOAP analysis in case studies and to learn the easy and beneficial ways to communicate among other health care providers. This course Provides ample opportunity to get a job in clinical trials and Pharmacovigilance

The course was started with an inaugural function by welcoming the Principal Dr Padmaa M Paarakh. The function was conducted at Room Number-505 and all the participants were introduced by Course Coordinators Dr Sripriya C, Mrs Merin Susan. The inaugural function has been summed up with the introductory lecture of course coordinator Dr Sripriya C.

A total 30 Hours course had been conducted on Wednesday, Friday and Saturday after college hours. 11 students were enrolled for the course.

The syllabus of the course had been divided into two modules. After the completion of each module an internal assessment was conducted, and overall test was conducted after the completion of the course.

The result for module I, II and overall were analysed. Approximately 66.9 % students scored grade A (marks percentage-100%) in all the tests followed by 31.1% who scored grade B (marks percentage-90%) and 2.2% scored grade C (marks percentage-80%).

The performance of the students in the tests were found excellent. About 66 percent of the students had secured excellent grades in all the tests. Students had shown keen interest in attending and learning the concepts and the doubts were also clarified after the classes.

The valedictory function has been conducted on 07/05/2022 and the course participation certificate were distributed to 11 students by the Principal Dr. Padmaa M.Paarakh and Head of the Department Dr Parthasarathy G. Dr. Parthasarathy G thanked Principal madam and management for providing best infrastructure for carrying out such courses. On behalf of department he promised to carry out such courses in future also. The guest of the valedictory function, Dr Padmaa M Paarakh, Principal, The Oxford college of Pharmacy, Bangalore had appreciated the enthusiasm of the students for this course and congratulate the Department of Pharmacy practice and the course coordinator Dr Sripriya C, Mrs Merin Susan for successful completion of the course.

Course Coordinator

Dr Sripriya C

Mrs Merin Susan

HOD

Dr Parthasarthy G

Dr Padmaa M Paarakh



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