



-: Criterion 2: - CURRICULAR ASPECTS

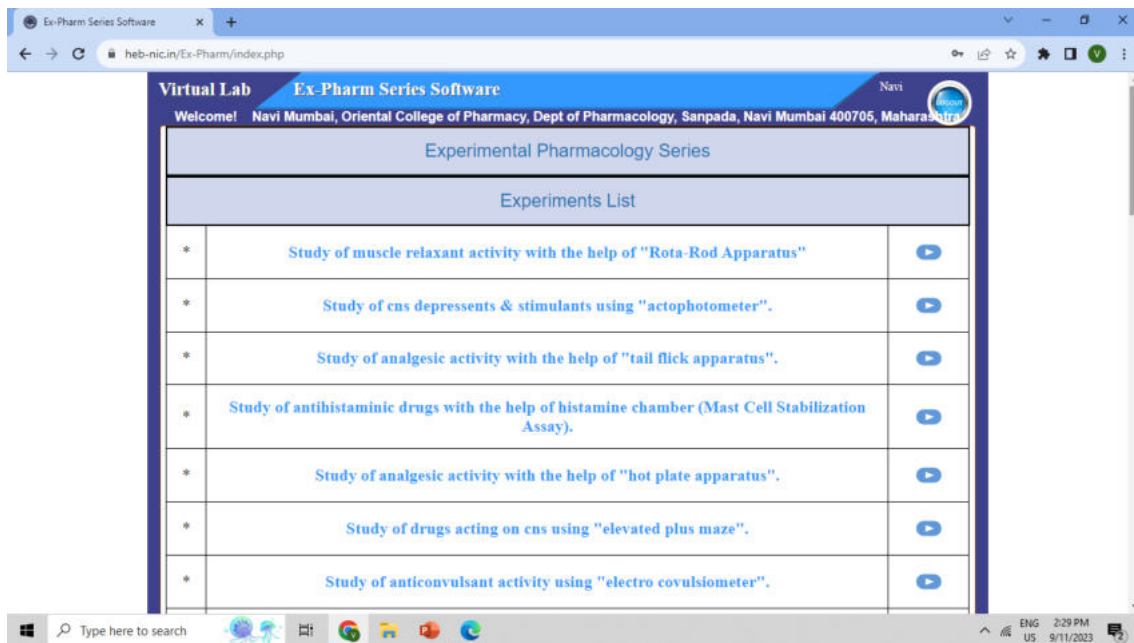
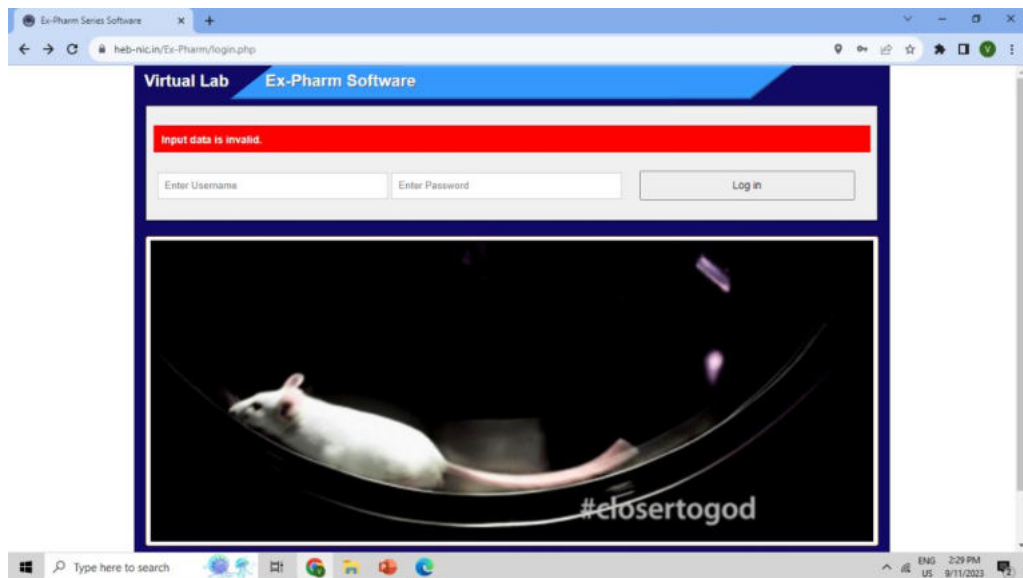
2.3 Teaching- Learning Process

2.3.1 Students centric methods such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT Tools

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Pharmacology software for experiential learning



Ex-Pharm Series Software

heb-nic.in/Ex-Pharm/index.php

*	Study of analgesic activity with the help of "hot plate apparatus".	
*	Study of drugs acting on cns using "elevated plus maze".	
*	Study of anticonvulsant activity using "electro convulsimeter".	
*	Experiment on effects of various drugs on rabbit's eye.	
*	To study analgesic activity by writhing test.	
*	To study PTZ induced convulsions in mice	
*	Effect of different drugs on frog's heart	
*	Effect of agonist & antagonist and bioassay of histamine on the ileum of guinea pig	
*	Experiments of rat blood sugar	
*	To record the dose response curve and to determine the PD2 value for acetylcholine on frog rectus abdominis muscle.	

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US 9/11/2023

Ex-Pharm Series Software

heb-nic.in/Ex-Pharm/index.php

*	Bioassay of Acetylcholine on the isolated rectus abdominis muscle of frog (by matching, interpolation, 3 point, 4 point method)	▶
*	Study of diuretic activity using metabolic cage	▶
*	Study of anti-inflammatory activity using carrageenan induced paw oedema method	▶
*	Bioassay of oxytocin on the isolated rat uterine horn	▶
*	Bioassay of serotonin on the isolated rat fundus strip	▶
*	Rabbit Pyrogen Test	▶
*	Effects of drugs on the dog BP and Heart Rate	▶
*	Effects of drugs on the ciliary motility of frog oesophagus (Gastro Intestinal Tract)	▶
*	Study of anti ulcer activity - using pylorus ligation method	▶
*	Study of stereotype and anti-catatonic activity of drugs on mice	▶

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Ex-Pharm Series Software

heb-nic.in/Ex-Pharm/index.php

*	Acute Skin Irritation Test (Draize Test)	▶
*	Acute Eye Irritation Test (Draize Test)	▶
*	Effect of saline purgatives on frog intestine	▶
*	Study of effect of hepatic microsomal enzyme inducer on the phenobarbitone sleeping time in mice	▶
Supportive Resources		
*	Different Routes of Drug Administration in Rats and Mice	▶
*	Commonly Used Blood Withdrawal Techniques in Rats and Mice	▶
*	Different Methods of Anaesthesia and Euthanasia in Mice & Rats	▶
EXAM MODE		

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ORIENTAL EDUCATION SOCIETY'S
ORIENTAL COLLEGE OF PHARMACY
(Approved by AICTE, PCI, D.T.E., Affiliated to University of Mumbai & Certified by ISO 9001:2008)



Date: 17th June, 2022

To,
The Principal,
Oriental College of Pharmacy.

**Subject: Payment of balance to Health education bureau (pharmacology software provider)-
reg.**

Respected Madam,

I am happy to inform you that, today we have received the subscription of Experimental Pharmacology software (Ex-pharm).

I sincerely thanks Management & Principal for considering our request & providing the software.

The subscription charges of the software (Ex-pharm) for one year are **INR 11,075/-** only.

We have paid advance of **INR 6000/-**.

The software link & password has been received. We have to pay remaining amount of **INR 5,705/-**

Kindly do the needful.

Thanking you in anticipation.

Dr. Sayyed Mateen
Associate Professor
Department of Pharmacology


Principal

Dr. (Mrs.) Sudha Rathod



**BUREAU FOR HEALTH & EDUCATION
STATUS UPLIFEMENT**
(Constitutionally Entitled As- Health Education Bureau)
Address: 55/20, Rajat Path, Mansarovar,
Jaipur, Rajasthan, Pin:302020

Contact:01-2783681, 9636348191
Mail: serviceheb@gmail.com, support@heb-nic.in
Website: www.heb-nic.in

Proforma Invoice/Quotation

Date: 01/02/2021
Proforma Invoice/Quotation No.: 6776/2021
GST Reg. No: 08AJAPA7570128
Category: Institution

Billing Address	Office Address
Oriental College of Pharmacy, Sanpada, Navi Mumbai - 400705.	Oriental College of Pharmacy, Sanpada, Navi Mumbai - 400705.

Quantity	Description (Subscription)	Duration	Unit price	GST	Total
1.	Experimental Pharmacology Series (EX-Pharm Series) Software	3 Years	25,040 ₹ (Full Pack- For all active modules)	4,507 ₹	29,547 ₹
Sub Total					29,547 ₹
Remarks					-
Total Due					29,547 ₹

All Demand Draft & Cheque should be in favor of "Health Education Bureau" Payable at Jaipur, Rajasthan

Final invoice will be issued at the completion of payment.

Remit payment in INR to Following Account Details:
Account Name: Health Education Bureau,
Bank: UCO Bank
Branch: Mansarovar, Jaipur, Rajasthan
Account No.20960210003121,
IFSC Code: UCBA0002096
Address: 55/20, Rajat Path, Mansarovar, Jaipur, Rajasthan (India), PIN-302020

*The subscription price covers delivery charges also.



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Contact:01-2783681, 9636348191
Mail: serviceheb@gmail.com, support@heb-nic.in
Website: www.heb-nic.in

Proforma Invoice/Quotation

Date: 01/02/2021
Proforma Invoice/Quotation No.: 6775/2021
GST Reg. No: 08AJAPA7570128
Category: Institution

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Oriental College of Pharmacy, Sanpada, Navi Mumbai - 400705.	Oriental College of Pharmacy, Sanpada, Navi Mumbai - 400705.

Quantity	Description (Subscription)	Duration	Unit price	GST	Total
1.	Experimental Pharmacology Series (EX-Pharm Series) Software	1 Year	9,920 ₹ (Full Pack - For all active modules)	1,785 ₹	11,705 ₹
Sub Total					11,705 ₹
Remarks					-
Total Due					11,705 ₹

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*The subscription price covers delivery charges also.



Journal club activities

Oriental College of Pharmacy Journal Club M. Pharm. Batch 2021 – 2023

1. Indian Journal of Medical Research and Pharmaceutical Sciences. 4(10), 2017.

Topical Emulgel Of Tolnaftate With Penetration Enhancer: Development, Characterisation And Antifungal Activity

Formulation and characterization of topical emulgel of Tolnaftate with two different penetration enhancers i.e., Eucalyptus oil and Transcutol at concentration 1%, 2% and 5% separately. The formulations were evaluated for physico-chemical properties, in vitro drug release, ex vivo diffusion studies and antifungal activity. It was observed that optimized formulation containing 5% Eucalyptus oil showed $88.09\% \pm 0.24\%$ in vitro drug release and $74.87\% \pm 0.73\%$ ex vivo diffusion at the end of 8 hours which was higher than the emulgel without penetration enhancer. The zone of inhibition was significantly improved as compared to pure drug and emulgel without penetration enhancer.

2. Pak J Pharm Sci. 26(3), 2013.

Formulation and in vitro evaluation of clotrimazole gel containing almond oil and tween 80 as penetration enhancer for topical application

Penetration enhancers were used to achieve a desirable percutaneous absorption of Clotrimazole. They developed Clotrimazole gel and evaluated the effect of almond oil and Tween 80 in different concentrations. Permeation of drug was investigated on excised rabbit skin. It was noted that addition of penetration enhancers affected the permeation of drug. The permeation increased with increase in concentration of Tween 80 and decreased concentration of almond oil. Furthermore, combination of almond oil and Tween 80 showed synergistic effect.

3. CrystEngComm. 23, 2021

Multicomponent crystals of clotrimazole: a combined theoretical and experimental study
Chang Li, Di Wu

In order to improve the aqueous solubility of clotrimazole (CLT), an effective antifungal agent, its new multicomponent crystals were developed according to crystal engineering. Fourteen multicomponent crystals were obtained from 21 potential coformers, including 5 previously reported ones. Nine novel multicomponent crystals were identified and characterized by single crystal X-ray diffraction, powder X-ray diffraction, differential scanning calorimetry, thermogravimetric analysis and Fourier-transform infrared spectroscopy.

Oriental College of Pharmacy
Journal Club
M. Pharm. Batch 2020 – 2022

1. Clinical and Experimental Pharmacology. 2(1), 2012.

Preparation and Evaluation of Controlled Release Tablets Containing Mefenamic Acid

Mohammad Usman, Irshad Ali

Controlled release tablets containing Mefenamic acid by direct compression method. Methocel was used as rate controlling polymer. Also the effect of several coexcipients was investigated on the drug release rates during in vitro dissolution studies. Starch was used as filler and magnesium stearate was used a lubricant. It was also found that the concentration of polymer have also a tremendous effect on drug release rates, by increasing the amount of polymer drug release rate can be reduced to a high value.

2. The Pharma Innovation International Journal. 1(10), 2012.

Controlled Release Drug Delivery Systems.

Debjit Bhowmik, Harish Gopinath

Controlled release drug delivery employs drug-encapsulating devices from which therapeutic agents may be released at controlled rates for long periods of time, ranging from days to months. Such systems offer numerous advantages over traditional methods of drug delivery, including tailoring of drug release rates, protect ion of fragile drugs and increased patient comfort and compliance.

3. World Journal of Pharmacy and Pharmaceutical Sciences. 7(1), 2018.

Design, Development And Characterization Of Losartan Potassium Sustained Release Matrix Tablet

Avinash V. Dhobale, Arun M Mahale

Formulation of sustained release matrix tablet of an antihypertensive drug losartan. The main of his study was to develop, formulate and evaluate a matrix tablet by using hydrophilic natural retardant polymers which would retard drug release in upper GI tract and should start releasing the drug when it reaches the alkaline environment of small intestine. Wet granulation method was used for preparation of sustained release matrix tablets

Oriental College of Pharmacy
Journal Club
M. Pharm. Batch 2019 – 2021

1. *Pharmaceutics*. 12(2), 2020.

A Validated IVRT Method to Assess Topical Creams Containing Metronidazole Using a Novel Approach

Developed as well as validated IVRT method by using Franz diffusion cell in order to assess topical cream containing Metronidazole. Reproducibility, precision, sensitivity, selectivity, accuracy, robustness and reliability was checked in order to validate the method.

2. *Drug Invention Today*. 11(8), 2019.

Preparation and evaluation of lornoxicam film-forming gel

Abeer H. Khasraghi, Lena Vartanian

It includes study of the effect of varying concentration of polymers PVA and PVPK30, ethanol and plasticizers PEG 400 on the evaluation parameters such as drying time and drug release rate of the film forming gels. Film-forming gels of Lornoxicam with sustained release profile were successfully developed and could provide a promising effective formulation which may improve patients' compliance.

3. *International Journal of Current Pharmaceutical Review and Research*. 8(3), 2017.

Film Forming Gels: A Review

R B Saudagar, P A Gangurde

It deals with designing a dosage form of Miconazole nitrate referred to as a 'film-forming gel' which on application forms a thin, transparent film on skin surface. Eudragit RS PO and hydroxypropyl cellulose were used in combination to provide a matrix film that would permit the release of the antifungal agent for a prolonged time. The formulations were prepared using 3² full factorial design.

Oriental College of Pharmacy
Journal Club
M. Pharm. Batch 2018 – 2020

1. An Acad Bras Cienc. 88(4), 2016.

Formulation and in vitro evaluation of carbopol 934-based modified clotrimazole gel for topical application

Muhammad Ubaid, Sadaf Ilyas.

The study aimed to enhance the topical permeation of Clotrimazole gel preparation by using various permeability enhancers such as coconut oil, pistachio oil and sodium lauryl sulphate. Ex vivo skin permeation study was performed through rat skin by using modified Franz diffusion cell system. It was concluded that permeation of Clotrimazole gel was enhanced by using combination of above-mentioned permeability enhancers.

2. Asian Journal of Pharmaceutical & Clinical Research. 10(1), 2017

Development And Validation Of A Stability Indicating Reverse Phase High Performance Liquid Chromatography Method For Simultaneous Determination Of Clindamycin, Metronidazole, And Clotrimazole In Pharmaceutical Combined Dosage Forms

Ponnuri R, Pralhad P.

Developed and validated a stability indicating Reverse Phase- High Pressure Liquid Chromatography method for simultaneously determining clindamycin, metronidazole and clotrimazole drug content in pharmaceutical pessary dosage form. The method was validated for linearity, precision, accuracy, limit of detection (LOD) and limit of quantification (LOQ). The stress testing of the drugs was carried out under acidic, alkaline, oxidation, photostability and thermal degradation conditions.

3. Asian J Pharm Sci. 12(6), 2017.

Film forming systems for topical and transdermal drug delivery

Kashmira Kathe, Harsha Kathpalia

A review article describing the newly emerging technique film forming systems, its advantages over the conventional formulations available for topical use, the components used in formulating Film forming systems and evaluation parameters for film forming gels.

B.Pharm and M.Pharm live projects

2018-2020				
Sr.No.	Students Name	Topic Name	Actual Work Done	Guide Name
1	Mr. Bhoir Madhusudhan	Analytical Method Dept. for Simultaneous Estimation of Active Pharmaceutical Ingredients in a Marketed Formulation	Analytical Method Dept. for Simultaneous Estimation of Amlodipine and Valsartan in a Marketed Formulation	Dr. Rao Nutan
2	Ms. Desai Akshata	Analytical Method Dept. for Simultaneous Estimation of Active Pharmaceutical Ingredients in a Marketed Formulation	Analytical Method Dept. for Simultaneous Estimation of Sulfamethoxazole and Trimethoprim in a Marketed Formulation	Dr. Rao Nutan
3	Ms. Gaur Shraddha	Simultaneous Estimation of Active Pharmaceutical Ingredients in a Marketed Formulation of Using Chromatography	Method development and validation of Vildagliptin and Metformin Hydrochloride Tablet by RP-HPLC	Dr. Rao Nutan
4	Ms. Jaiswal Uttara	Method Development for Drugs in a marketed formulation by using Chromatography	HPLC method for simultaneous estimation of reserpine and piperine	Dr. Jain Vandana
5	Mr. Khan Abdul satar	Simultaneous Estimation of Drugs in a Marketed Formulation by Using Chromatography	Development and validation of RP-HPLC method for simultaneous estimation of Pyrimethamine and Sulfamethoxy pyrazine in a tablet dosage form	Dr. Rao Nutan
6	Ms. Khan Fauziya	Simultaneous estimation of Drugs in a Marketed Formulation by using RP-HPCL	Development and validation of RP-HPLC method for simultaneous estimation of Pregabalin and Methylcobalamin	Dr. Rao Nutan
7	Ms. Paskanti Yashashwinin	Characterization of Constituents for Value Addition of industrial Waste	CHARACTERIZATION OF Gallic acid, Mangiferin and Protocatechuic acid in peels of different cultivars of Mango peel and seeds.	Dr. Jain Vandana
8	Ms. Patil Rashmi	Analytical Method Dept. for Estimation of Drugs in Herbal Formulation	<u>Novel RP-HPLC Method For Simultaneous Estimation of Andrographolide And Berberinein Polyherbal Formulation</u>	Dr. Jain Vandana

2017-2019				
Sr.No.	Students Name	Topic Name	Actual Work Done	Guide Name
1	Mr. Kshirsagar Rishikesh	Method Development and Validation for Estimation of Active Constituent in Nutraceutical Formulation	Simultaneous HPLC estimation of Ascorbic acid, gallic acid, ferulic acid, thymol and piperine in nutraceutical formulation	Dr. (Mrs.) Jain Vandana
2	Ms. Rode Devyani	HPLC Studies of Active Components of a Marketed Formulation	Analytical Method Dept. for Simultaneous Estimation of Amlodipine and Valsartan in a Marketed Formulation	Dr. (Mrs.) Rao Nutan
3	Ms. Vaidya Shivani	Analytical Method Development and Validation for Estimation of Drugs in Pharmaceutical Dosage Form	Analytical Method Development and Validation for Estimation of Levocetirizine Hydrochloride and Montelukast sodium in a marketed Formulation	Dr. (Mrs.) Jain Vandana

8	Trunal Manohar Nikam	Eugenol - Quantitative Estimation, Derivatization, Tablet formulation development and its evaluation for analgesic activity	Eugenol-quantitative estimation, derivatization, tablet formulation development and its evaluation for analgesic activity	Dr. Mohib Khan
9	Pathan Muzammil Dastagir	Method development and validation for determination of selected bulk drug and its formulation	Method development and validation for determination of neostigmine methylsulfate and its formulation	Dr. Amjad Ali
10	Patill Raturaj Baliram	Simultaneous estimation of formoterol fumarate, glycopyrronium and budesonide in pulmonary drug formulation by novel rp-hplc method	Simultaneous estimation of formoterol fumarate, glycopyrronium and budesonide in pulmonary drug formulation by novel rp-hplc method	Dr. Vandana Jain
11	Sakshi Sanjay Sawant	Analytical Method Development And Validation In Pharmaceutical Formulation	Analytical method development and validation of teriflunomide in pharmaceutical formulation	Dr. Amjad Ali
12	Varsha Bandu Sawant	Analytical method development for phytoconstituent	Analytical method development for azadirachtin and berberine using hptlc method.	Dr. Manasi gholkar
13	Binita Prabhakar Singh	Analytical method development and validation for simultaneous estimation of API in formulation	Analytical method development and validation for simultaneous estimation of rosuvastatin and bempedoic acid in formulation	Dr. Vandana Jain
14	Aradhna Ghanshyam tiwari	Method development for API using chromatographic method	Method development for dapagliflozin and glimepiride using chromatographic method	Dr. Manasi gholkar

8	Trunal Manohar Nikam	Eugenol - Quantitative Estimation, Derivatization, Tablet formulation development and its evaluation for analgesic activity	Eugenol-quantitative estimation, derivatization, tablet formulation development and its evaluation for analgesic activity	Dr. Mohib Khan
9	Pathan Muzammil Dastagir	Method development and validation for determination of selected bulk drug and its formulation	Method development and validation for determination of neostigmine methylsulfate and its formulation	Dr. Amjad Ali
10	Patill Raturaj Baliram	Simultaneous estimation of formoterol fumarate, glycopyrronium and budesonide in pulmonary drug formulation by novel rp-hplc method	Simultaneous estimation of formoterol fumarate, glycopyrronium and budesonide in pulmonary drug formulation by novel rp-hplc method	Dr. Vandana Jain
11	Sakshi Sanjay Sawant	Analytical Method Development And Validation In Pharmaceutical Formulation	Analytical method development and validation of teriflunomide in pharmaceutical formulation	Dr. Amjad Ali
12	Varsha Bandu Sawant	Analytical method development for phytoconstituent	Analytical method development for azadirachtin and berberine using hptlc method.	Dr. Manasi gholkar
13	Binita Prabhakar Singh	Analytical method development and validation for simultaneous estimation of API in formulation	Analytical method development and validation for simultaneous estimation of rosuvastatin and bempedoic acid in formulation	Dr. Vandana Jain
14	Aradhna Ghanshyam tiwari	Method development for API using chromatographic method	Method development for dapagliflozin and glimepiride using chromatographic method	Dr. Manasi gholkar

12	Patil Ashwini Govind	Development and validation of novel HPLC method for quantitative estimation of APL.	Development and validation of novel RP-HPLC method for quantitative estimation of Apixaban.	Dr. Amjad Ali
13	Rahamatar Daksha Girjesh	Simultaneous estimation of drugs using liquid chromatography	Simultaneous estimation of Ezetimibe & Bempedoic acid by using RP-HPLC	Dr. Snehalatha Boddu
14	Yadav Shweta Shankar	Analytical method development for simultaneous estimation of drugs in formulation	1. Novel RP-HPLC method for simultaneous estimation of Vilanterol trifenate, Umeclidinium bromide and Fluticasone furoate in inhalation powder formulation. 2. UPLC method for simultaneous estimation of Perindopril erbumine, Indapamide and Amlodipine besylate in tablet dosage form.	Dr. Vandana Jain
2021-23				
Sr.No.	Students Name	Topic Name	Actual Work Done	Guide Name
1	Jituranjana Biswamber Bhandi	Standardization of Formulation using HPLC Technique	Standardization of dapagliflozin and vildagliptin formulation using hplc technique	Dr. (Mrs) Manasi Gholkar
2	Diwakar Ramyash Chaurasia	Piperine - Quantitative Estimation, Derivatization, Tablet formulation development and its evaluation for anti-inflammatory activity	Piperine-quantitative estimation, derivatization, tablet formulation development and its evaluation for anti-inflammatory activity	Dr. Mohib Khan
3	Gupta Pooja shravan	Development of chromatographic technique for quantitation of compound.	Development of chromatographic technique for quantification of imeglimin	Dr. Mansi Gholkar
4	Khan Moazzam Iqar Ahmed	Anti Diabetic Herbal Formulation and its Evaluation	Anti diabetic herbal formulation and its evaluation	Dr. Mohib Khan
5	Konkade Aditi Manish	Analytical method development and validation of drug by chromatographic method	Development and validation of rp-hplc method for estimation of gabapentin enacarbil using quality by design approach	Dr. Vandana Jain
5	Aishwarya Ashok Kunchamwar	Analytical Method Development and Validation of api in Formulation	Analytical method development and validation of teneiglipitin and dapagliflozin in marketed formulation	Dr. Vandana Jain
7	Aditya Diwakar Malshe	Development of chromatographic method for assuring quality of drug.	Development of chromatographic method for assuring quality of voglibose and repaglinide in formulation	Dr. Amjad Ali

2020-2022

Sr. No.	Students Name	Topic Name	Actual Work Done	Guide Name
1	Choudhary Shakeel Ahmed Abdul Rehman	Development and validation of novel HPLC method for estimation of API in marketed formulation	Development and validation of novel HPLC method for estimation of Aceclofenac in marketed formulation	Dr. Amjad Ali
2	Gaikwad Sayali Sanjay	Development and validation of HPLC method for estimation of selected drugs in marketed formulation	Development and validation of RP-HPLC method for estimation of Levocetirizine and Montelukast in marketed formulation	Dr. Amjad Ali
3	Ghatage Nikita Pramod	Analytical method development and validation OF API in marketed formulation.	Analytical method development and validation OF API(Favipiravir) in marketed formulation.	Dr. Snehalatha Boddu
4	Jadhav Arti Deepak	Development and validation of novel chromatographic method for the estimate of API	Development and validation of novel chromatographic method for the estimate of Dothiepin	Dr. Snehalatha Boddu
5	Jadhav Sayali Rajesh	Simultaneous estimation of drugs in marketed formulation by HPLC	Simultaneous estimation of drugs in Paracetamol,caffeine and Propylphenazone in marketed formulation by HPLC	Dr. Snehalatha Boddu
6	Jaiswal Pooja Siddhnath	Development of analytical method for estimation of API by cromatographic technique	HPTLC estimation of Flucunonide in marketed preparation	Dr. Vandana Jain
7	Jariwala Adnan Khan Akhtar Khan	Simultaneous estimation of drugs in formulation by chromatographic technique	Development and validation of HPTLC method for simultaneous estimation of estradiol dydrogestone in tablet dosage form	Dr. Vandana Jain
8	Kapal Manoj Gangadhar	Novel analytical method development and validation by HPLC for marketed formulation	Novel analytical method development and validation by HPLC for marketed preparation	Dr. Vandana Jain
9	Merin Thomas	Development of novel HPLC method for estimation of API	1. HPTLC estimation of Bromfenac in Ophthalmic formulation 2. HPLC analysis of Tafamidis and	Dr. Vandana Jain
10	Momin Mohd Usama Mohd Haroon	Analytical method development and validation using chromatography	Analytical method development and validation of Tofacitinib using chromatography	Dr. Amjad Ali
11	Nikam Shubham Sanjay	Development and validation of novel chromatography method for the estimate of API in formulation	Development and validation of novel chromatographic method for estimation of Brivacetam in formulation	Dr. Vandana Jain

7	Ms. Mhatre Yutika Manohar	Method development and validation combination dosage form using analytical techniques	RP-HPLC method for Simultaneous estimation of Olmesartan medoxomil and Hydrochlorothiazide in tablet dosage form	Dr. Amjad Ali
8	Ms. Mundhe Jyoti Nanasaheb	Analytical method development and validation studies of Drugs in bulk and formulation	Analytical method development and validation for the Olmesartan medoxomil in tablet formulation	Dr. Amjad Ali
9	Ms. Nadar Jenifer Ponraj	Simultaneous estimation of drugs using Liquid Chromatography	RP-HPLC method for Simultaneous estimation of Acebrophylline and Montelukast sodium by using Liquid Chromatography	Dr. Vandana Jain
10	Ms. Prajapati Renu Ramesh	Impurity profiling of active pharmaceutical ingredients and finished drug products	RP-HPLC method for Simultaneous estimation of Oltadalafil and Dapoxetine in a marketed formulation and inhouse formulation	Dr. Amjad Ali
11	Ms. Sawant Shruti Navneet	Chromatographic analytical method development and validation of Marketed formulation	Analytical method using HPLC gradient method for assay of Levetiracetam in the tablet formulation.	Mr. Amey Deshpande
12	Ms. Sawant Vanita Vijay	HPLC Method development and validation for the simultaneous estimation of drugs in Pharmaceutical dosage form	Analytical method development for simultaneous estimation of Beclomethasone dipropion and salicylic acid in marketed formulation	Dr. Vandana Jain
13	Ms. Shelar Shweta Santosh	Chromatography analytical method development and validation of API compound in selected dosage form	RP-HPLC method for quantitative determination of anticancer drug in Osimertibib tablet dosage form	Dr. Amjad Ali
14	Mr. Singh Anurag Narendra	HPLC Analytical method development and validation for active compound in marketed formulation	HPLC Analytical method development and validation for the estimation of Pitavastatin in marketed formulation	Mr. Amey Deshpande
15	Ms. Whala Simran Kaur Sukhwinder Singh	Analytical method development and validation using chromatographic techniques	Analytical method development and validation for estimation of Celecoxib using chromatographic techniques	Dr. Amjad Ali

9	Ms. Patphode Pornima	Analytical Method Dept. for simultaneous Determination of Drugs in Formulation Preparation	Analytical Method Dept. for simultaneous determination of Acetaminophen and Diclofenac sodium in Formulated Preparation	Dr. Rao Nutan
10	Ms. Kimaya Prabhu	Characterization of Constituents for Value Addition of Agro-Industrial waste	Simultaneous HPLC of gallic acid, vanilic acid, syringic acid and protocatechuic acid in sugarcane waste.	Dr. Jain Vandana
11	Ms. Rai Kritika	Stability indicating Analytical Method Dept. for Simultaneous Estimation of Drugs in a Marketed Formulation	Analytical Development and Validation method of for Simultaneous Estimation of Chlorothalidone and Fimasartan potassium Trihydrate	Dr. Rao Nutan
12	Ms. Sonone Revati	Development and Validation of Analytical Method for Simultaneous Estimation of Drugs in Pharmaceutical Dosage form	Novel Rapid Isocratic RP-HPLC Method for Simultaneous Estimation of Phenylephrine Hydrochloride, Paracetamol, Caffeine, Diphenhydramine Hydrochloride	Dr. Jain Vandana
13	Ms. Tandel Leena	Method Development and Validation for the Simultaneous Estimation of Drugs in Marketed Formulation	Novel reverse-phase high-performance liquid chromatographic method for simultaneous estimation of aloe-emodin and piperine in ayurvedic formulation	Dr. Jain Vandana
14	Ms. Upadhye Kritika	Characterization of Constituents for Value Addition of Agriculture waste	HPLC and HPTLC of gallic acid, vanilic acid, syringic acid and protocatechuic acid for value addition of agriculture waste	Dr. Jain Vandana

2019-21

Sr.No.	Students Name	Topic Name	Actual Work Done	Guide Name
1	Ms. Dhanawade Varsha	Simultaneous chromatographic analysis of API in a formulation	RP-HPLC method for simultaneous estimation of Phenylephrine Hydrochloride and Chlorpheniramine maleate in a marketed formulation	Dr. Nutan Rao
2	Ms. Gadhave Pallavi Bharat	Analytical method development for simultaneous estimation of selected Drugs	Simultaneous estimation of betamethasone dipropionate, Chlorocresol and miconazole by RPHPLC	Dr. Vandana Jain
3	Ms. Gidh Bhumika Arun	Development and validation of analytical Method for drug Formulation by using HPLC	Analytical method development and validation for simultaneous estimation of Varenicline in marketed formulation	Mr. Amey Deshpande
4	Ms. Jadhav Anuja Balasaheb	Analytical method development and validation for estimation of Drugs in marketed formulation	NOVEL ISOCRATIC RP-HPLC METHOD FOR SIMULTANEOUS ESTIMATION OF OFLOXACIN AND BECLOMETHASONE DIPROPIONATE	Dr. Vandana Jain
5	Mr. Jain Shubham Ramanlal	Analytical method development and validation for estimation of Drugs in bulk and formulation	Analytical method development and validation for estimation of Baricitinib and Nilotinib bulk and formulation	Dr. Amjad Ali
6	Ms. Kad Priyanka Pinat	Analytical method development and validation by using liquid chromatography	Analytical method development and validation for the estimation of Azilsartan medoxomil and Cilnidipine	Dr. Nutan Rao

ORIENTAL EDUCATION SOCIETY'S
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List of M.Pharm. Thesis(Quality Assurance)

Sr.No.	Students Name	Topic Name	Actual Work Done	Guide Name
2016-2018				
1	Ms. Shaikh Javed	Stability Indicating RP-HPLC Method Development and Validation for the Simultaneous Estimation of Selected Drugs in Pharmaceutical Formulation	Method Development and validation of RP-HPLC method for the simultaneous estimation of Amiloride hydrochloride and Hydrochlorothiazide in Pharmaceutical Formulation	Dr. (Mrs.) Rao Nutan
2	Ms. Shaikh Heena	RP-HPLC Method Development and Validation for Estimation of Selected Drug in Pharma Dosage Form	RP-HPLC method for estimation of telmisartan and nebivolol HCl in pharmaceutical dosage form	Dr. (Mrs.) Jain Vandana
3	Ms. Gawde Kajal	Analytical Method Development for the Estimation of Drugs in Marketed Formulation	Method Development and Validation for the RP-HPLC method for estimation of Salbutamol, sulphate, Etoeflyyine and Bromhexine Hydrochloride in pharmaceutical dosage form	Dr. (Mrs.) Rao Nutan
4	Ms. Sahani Swati	HPLC-Method Development of Selected Drugs in Marketed Formulation	RP-HPLC method for simultaneous estimation of drotaverine hydrochloride, ethamsylate and tranexamic acid in tablet dosage form	Dr. (Mrs.) Jain Vandana
5	Ms. Shaikh Sultana	Analytical Method Development and Validation for Simultaneous Estimation of Selected Drugs	Development and validation of novel RP-HPLC method for the simultaneous estimation of ellagic acid and quercetin in an Ayurvedic formulation	Dr. (Mrs.) Jain Vandana
6	Ms. Doke Pratiksha	Stability Indicating Analytical Method Development for Estimation of Selected Drug in Pharmaceutical Dosage Form	Analytical method development and validation for the estimation of Atorvastatin and Clopidogrel in Pharmaceutical Dosage Form	Dr. (Mrs.) Rao Nutan

Students Name	Topic Name	Actual Work done	Guide Name
Gurav Rohan Arun	Formulation and Evaluation of controlled release system	To develop stable, controlled release ODT formulation of Ascorbic acid using combination of polymeric release retardants and super disintegrant	Dr. Pradnya Palekar
Jadhav Kajal Santosh	Design and Development of Pharmaceutical Dosage Form	Design and development of an ion activated ophthalmic in situ gel of Nonsteroidal Anti inflammatory Drug - Ketorolac Tromethamine by using various polymers	Dr. Ganesh Deshmukh
Kadam Dhanashree Santosh	Formulation and Evaluation of Pharmaceutical Dosage Form	Formulation and evaluation of water-resistant antifungal spray solution	Dr. Asish Dev
Khorate Mahadev Annappa	Formulation and Characterization of Pharmaceutical Dosage form	To formulate and evaluate orally disintegrating tablet of Mefenamic acid	Dr. Asish Dev
Maurya Shubham Rameshchandra	Formulation and evaluation of Drug Delivery Systems	To formulate and evaluate taste masked orally disintegrating tablets of Riluzole	Dr. Pradnya Palekar
Mundhe Shubham Shashikant	Formulation and evaluation of sustained release lipid matrix system	To Formulate and evaluate SR lipid matrix tablet of Metformin HCL as a prototype formulation and comparison with the reference marketed product	Dr. Pradnya Palekar
Rai Sanket Subodh	Design and Characterization of Pharmaceutical Dosage Form		Dr. Asish Dev
Vishwakarma Priyanka Jitendra	Studies on Novel drug delivery system	To formulate and evaluate taste masked orally disintegrating tablets of drug X	Dr. Pradnya Palekar

Students Name	Topic Name	Actual Work done	Guide Name
Ms. Navale Tejaswini Arvind	Formulation and Evaluation of Novel Drug Delivery System	Formulation and evaluation of film forming gels using Ofloxacin, a synthetic drug for wound healing activity	Dr. Pradnya Palekar Shanbhag
Ms. Patil Sanjana Shivrām	Formulation and Evaluation of Novel Drug Delivery System	To formulate extended release tablet containing Drug X. Identification of the drug was done by FTIR and DSC methods	Dr. Deshmukh Ganesh
Mr. Saini Randeep Singh Surendra	Formulation and Characterization of Novel Drug Delivery System	To formulate and evaluate Repaglinide loaded microsp sponge for Type 2 Diabetes	Dr. Sudha Rathod
Ms. Sapkal Pradnya Balu	Formulation and Evaluation of Novel Drug Delivery System	To formulate immediate release tablet of ezetimibe by direct compression method using different concentration of Superdisintegrant	Dr. Pradnya Palekar Shanbhag
Ms. Shaikh Rashma Nazir Hussain	Design and Characterization of Pharmaceutical Delivery System	9137023737 Call	Dr. Sudha Rathod
Ms. Singh Shweta Gyan	Formulation, Characterisation and Evaluation of Pharmaceutical Dosage Form	To formulate, Characterize and Evaluate Aceclofenac Emulgel	Dr. Sudha Rathod

<i>Students Name</i>	<i>Topic Name</i>	<i>Actual Work done</i>	<i>Guide Name</i>
2019-21			
Mr. Bangar Pravin Shankar	Design and Characterisation of Dosage form	To formulate and evaluate fast dissolving of Mefenamic Acid for the treatment of mild to moderate pain	Dr. Asish Dev
Ms. Dalal Amruta Avinash	Development and evaluation of drug delivery system	To develop and evaluate a Film forming gel containing Ciprofloxacin hydrochloride used for wound healing	Dr. Pradnya Palekar Shanbhag
Mr. Jain Jayesh Hirachand	Design and Characterisation of Oral Drug delivery system	To formulate and evaluate Mouth Dissolving Tablet of Hydrochlorothiazide for the treatment of mild to moderate hypertension and diuretic	Dr. Asish Dev
Mr. Jain Ronak Barcha Rajmal	Formulation and Evaluation of Novel Drug Delivery System	Drug A and Drug B have been approved clinically for the treatment of morning sickness in pregnant women.	Dr. Pradnya Palekar Shanbhag
Ms. Kate Rashmi Subhash	Design and Evaluation of Pharmaceutical Dosage Form	To formulate immediate release tablet containing Drug X. Identification of the drug was done by FTIR and DSC methods.	Dr. Ganesh Deshmukh
Mr. Khan Abdullah Karm Husain	Formulation and Characterisation of Controlled Drug Delivery System	To prepare topical gel containing Drug Bifonazole using gelling agent	Dr. Asish Dev
Mr. Khan Mohd. Billal Mohd. Ashraf	Formulation and Evaluation of Controlled Drug Delivery System	To formulate a stable emulgel of a hydrophobic drug Mefenamic acid (N-2,3 - xylylanthranilic acid) for Topical delivery by using Kolisolv MCT 70	Dr. Asish Dev
Ms. Mishra Adiksha Santosh	Design and Development of Pharmaceutical Dosage Form	To formulate and evaluate sublingual oral film of Amitriptyline HCL	Dr. Ganesh Deshmukh
Ms. Mishra Ujala Devisahay	Formulation and Evaluation of Drug Delivery System	To develop a stability indicating analytical method for Clotrizole cream formulation using RP-HPLC	Dr. Pradnya Palekar Shanbhag

<i>Students Name</i>	<i>Topic Name</i>	<i>Actual Work done</i>	<i>Guide Name</i>
Ms. Patil Prerna	Development and Evaluation of Drug Delivery System	Three delivery systems as Salivary substitutes for treatment of Xerostomia	Dr. Pradnya Palekar Shanbhag
Ms. Rane Drushti	Formulation and Evaluation of Novel Drug Delivery System	Taste masked Ibuprofen ODGS	Dr. Pradnya Palekar Shanbhag
Ms. Shaikh Saima	Formulation and Characterisation of Drug Delivery System	Dapsone, also known as diaminodiphenyl sulfone(DDS) Treatment of leprosy	Dr. Asish Dev
Mr. Tikam Mayur	Design and Characterisation of drug delivery system	Design, optimize and evaluate emulgel of Diclofenac sodium	Dr. Asish Dev

Students Name	Topic Name	Actual Work done	Guide Name
2018-2020			
Ms. Chandra Riya	Formulation and Evaluation of Drug Delivery System	Drug X is used in management of neurodegenerative disorder. Drug X were prepared by direct compression method using colloidal dispersion technology for solubility enhancement and a combination of physical and organoleptic taste masking agents to mask unpleasant taste.	Dr. Pradnya Palekar Shanbhag
Ms. Deshmukh Priyanka	Design and Evaluation of Drug Delivery System	To develop stable, controlled release formulation designed as a tablet of Drug X (water soluble essential vitamin) using combination of polymeric and non-polymeric	Dr. Pradnya Palekar Shanbhag
Ms. Devre Dhanashree	Oral Novel Drug Delivery System	Bilayer tablet of Indomethacin prepared by using SSG	Dr. Ganesh Deshmukh
Ms. Fernando Crispin	Formulation and Evaluation of Drug Delivery System	Preformulation studies of Etodolac decrease pain of patient suffering from Arthritis	Dr. Asish Dev
Ms. Gawade Tejal	Development and Evaluation of Novel Drug Delivery System	Studies on Topical Films of Ofloxacin	Dr. Asish Dev
Mr. Gole Akshay	Formulation, Development and Characterization of Novel Drug Delivery System	Formulate the spray bandage of curcumin was effectively made for treatment of topical bacterial infections and wound care	Dr. Ganesh Deshmukh
Ms. Kadam Shraddha	Development and Characterization of Novel Drug Delivery System	Atenolol is a BCS Class III drug molecule with this cardio-selective beta-blocker effects on the Heart	Dr. (Mrs.) Rathod Sudha
Mr. Khade Chetan	Formulation and Evaluation of Pharmaceutical Dosage Drug	Dicyclimine is used to treat the symptoms of irritable bowel syndrome	Dr. Ganesh Deshmukh
Mr. Kulkarni Ajay	Development and Characterization of Drug Delivery System	Drug X used to treat lung cancer	Dr. (Mrs.) Rathod Sudha
Ms. Lande Supriya	Design and Evaluation of Novel Drug Delivery System	Studies on solid dispersion and Curcumin Lozenges	Dr. Pradnya Palekar Shanbhag
Ms. Padge Hrutuja	Design and Evaluation of Oral Drug Delivery System	Effect of interaction using Repaglinide	Dr. (Mrs.) Rathod Sudha

Students Name	Topic Name	Actual Work done	Guide Name
Ms. Aldar Supriya Shamrao	Design formulation & evaluation of Pharmaceutical dosage form	Formulation and evaluation of Mosquito repellent microemulsion gel prepared with lemongrass oil and basil oil	Dr. Ganesh Deshmukh

Students Name	Topic Name	Actual Work done	Guide Name
2017-2019			
Mr. Chouhan Virendra	Design and Evaluation of Novel Drug Delivery Systems	Adapalene Liposomal gel formulation	Dr. Deshmukh Ganesh
Mr. Yadav Shrivankumar	Formulation and Characterization of Oral Drug Delivery System	Mouth dissolving tablet Aceclofenac Inflammatory condition	Dr. Dev Asish
Mr. Yadav Shrishkumar	Preparation and Characterization of Drug Delivery System	Aceclofenac emulgel prepared use in Arthritis	Dr. (Mrs.) Rathod Sudha
Ms. Shaikh Ghazala	Characterization and Evaluation of Pharmaceutical Dosage Form	Niosomal based gel loaded with Glutathione	Dr. Deshmukh Ganesh
Mr. Kapadekar Tejas	Development and Evaluation of Oral Drug Delivery System	Mouth dissolving tablet of Amoxapine	Dr. Deshmukh Ganesh
Ms. Deshmukh Mansi	Formulation and Evaluation of Gastro-Retentive Drug Delivery System	Floating-Bioadhesive tablets of Cnadesartan cilexetil was prepared by using HPMC E15 and Carbopol 934P Sodium bicarbonate.	Dr. Dev Asish
Ms. Chaudhry Pradnya	Formulation and Characterization of Floating Drug Delivery System	Floating tablet of Repaglinide was prepared by using HPMC E15 polymer (Diabetic)	Dr. Dev Asish
Ms. Bhabad Snehal	Formulation and Optimization of Novel Drug Delivery System	Clotrimazole is an antifungal medication and it is insoluble in water its oral bioavailability is very poor, to overcome these problem topical formulation of Clotrimazole microspheric gel was prepared by using microsphere technology	Dr. Dev Asish
Ms. Garje Manisha	Formulation and Evaluation of Dosage Form	Ofloxacin microspheres prepared use in lung infection	Dr. (Mrs.) Rathod Sudha
Ms. Shirsat Swati	Formulation Design and Development of Drug Delivery System	Formulate and evaluate emulgel of Diclofenac sodium	Dr. (Mrs.) Rathod Sudha

List of M.Pharm. Thesis (Pharmaceutics)

Students Name	Topic Name	Actual Work done	Guide Name
2016-2018			
Ms. Tole Karishma	Design and Development of Pharmaceutical Dosage Form	Micro emulsion gel formulation to improve skin permeability of Duloxetine HCl	Dr. Deshmukh Ganesh
Ms. Mansoori Samreen	Formulation and Evaluation of Oral Dosage Form	Sustain release Mucoadhesive matrix tablet of Lamivudine	Dr. Dev Asish
Ms. Karambele Prerana	Optimization and Characterization of Dosage Form	Optimization and Characterization Of Dosage Form Domperidone	Dr. (Mrs.) Rathod Sudha
Ms. Gupta Saritadevi	Formulation and Evaluation of Matrix Tablet	Mucoadhesive matrix tablets of Nizatidine	Dr. Dev Asish
Mr. Pal Manish	Design and Characterization of Pharmaceutical Dosage Form	Floating-Bioadhesive tablets of Chlorzone were prepared by direct compression method using polymer such as HPMC K4M, Carbopol 934P and other excipients	Dr. Deshmukh Ganesh
Ms. Doke Pratiksha	Stability indicating analytical method development for estimation of selected drug in Pharmaceutical dosage form	Development and validation of a stability indicating RP-HPLC method of Atorvastatin and Clopidogrel in pharmaceutical dosage form	Dr. Deshmukh Ganesh
Ms. Dhakate Puja	Design development and evaluation of drug delivery system	Formulation of amoxicillin trihydrate floating in-situ gel and to see the effect of varied concentration of pectin, HPMC K100 and NaCO ₃ on formulation and in vitro characteristics of floating in-situ gel.	Dr. Deshmukh Ganesh
Mr. Verma Sanjeev	Development and evaluation of drug delivery system	Formulation and development of the Aceclofenac stomach specific in situ gelling emulsion for inhibition of the action of cyclo-oxygenase (COX)	Dr. Sudha Rathod

Students Name	Topic Name	Actual Work Done 2020-22	Guide Name
Chauhan Anjali Jaldhar	Evaluation of Anti-hyperlipidemic activity of an indigenous medicinal plant	Evaluation of anti-hyperlipidemic activity by using ethanolic extract of <i>Selenicereus undatus</i> fruit peel in animal models	Mrs.Pushplata Chougule
Dani Samrudhi Makarand	Evaluation of Neuropharmacological activity of herbal plant	Evaluation of Anti-Parkinson's activity of Ethanolic extract of seeds of <i>Salvia hispanica</i> in Wistar Albino rats	Dr. Vanita Kanase
Dubey Shivam Arunkumar	Evaluation of Neuropharmacological activity of medicinal plant extract	Evaluation of Anti-Parkinson's activity of Ethanolic extract of leaves of <i>Origanum vulgare</i> in Wistar Albino rats	Dr. Vanita Kanase
Kamble Namrata Dharmendra	Evaluation of Pharmacological activity of selected Medicinal Plant	Evaluation of Anti-Alzheimer's activity of Hydroalcoholic extract of <i>Pyrus communis</i> in Wistar Albino rats	Mr. Ansari Imtiyaz
Mulla Sajil Wasi	Evaluation of Pharmacological activity of selected plant extract	Evaluation of Anti-Alzheimer's activity of Ethanolic extract of <i>Rosmarinus officinalis</i> leaves in Albino Wistar rats	Mr. Ansari Imtiyaz
Pandagale Pratiksha Mohan	Evaluation of Neuropharmacological activity of medicinal plant	Evaluation of Anti-Parkinson's activity of Ethanolic extract of seeds of <i>Oroxylum indicum</i> in Wistar Albino rats	Dr. Vanita Kanase
Prasad Sushama Lalu	Evaluation of Pharmacological Activity of Selected Medicinal Plant extract	Evaluation of Anti-Alzheimer's activity of Ethanolic extract of <i>Musa acuminata</i> 'Red Dacca' in Wistar Albino rats	Mr. Ansari Imtiyaz
Singh Mayank Kamlesh	Evaluation of Pharmacological activity of selected plant	Evaluation of Anti-Alzheimer's activity of Ethanolic extract of <i>Brassica oleracea</i> Var. <i>Acephala</i> in Wistar Albino rats	Mr. Ansari Imtiyaz
Thosar Megh Mahesh	Evaluation of Neuropharmacological activity of herbal plant extract	Evaluation of Anti-Parkinson's activity of Ethanolic extract of seeds of <i>Perilla frutescens</i> in Wistar Albino rats	Dr. Vanita Kanase
Yadav Sandhya Rajbahadur	Evaluation of Anti-obesity activity of an indigenous medicinal plant	Evaluation of Anti-obesity activity of Ethanolic extract of <i>Phanera vahlii</i> seeds in animal models of thesis entitled	Mrs.Pushplata Chougule

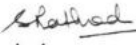
		Actual Work Done 2020-21	Guide Name
Ms. Bhardwaj Saloni Parasmani			
Mr. Gupta Nitesh Shambhu	Evaluation of Pharmacological activity of selected plant	Evaluation of anti-histaminic activity of ethanolic extract of dried fruit pulp of <i>Luffa acutangula</i> plant in animal models.	Dr. Kanase Vanita
Mr. Jain Krish Oraveen		Evaluation of anti-Alzheimer activity of ethanolic extract of <i>Annona squamosa</i> leaves in wistar albino rats.	Mr. Ansari Imtiyaz
Ms. Rashda Khatoon Abdul Kalique	Evaluation of Pharmacological activity of selected plant	Evaluation of antiuro lithiatic activity of ethylene glycol induced Urolithiasis of aqueous extract <i>Phyllanthus amarus</i> in wistar albino rats.	Mr. Ansari Imtiyaz
Mr. Samant Makarand Dnyandev	Evaluation of Pharmacological activity of medicinal plant extract	Evaluation of anti-Alzheimer's activity of ethanolic extract of <i>Hylocereus undatus</i> fruits on wistar albino rats.	Dr. Kanase Vanita
Mr. Saroj Ravindra Rajesh	Evaluation of Lipid lowering activity of ethanolic extract of <i>Barringtonia Asiatica</i> Leaves in animal models.	Evaluation of anti-histaminic activity of ethanolic extract of dried leaf of <i>Annona squamosa</i> plant in animal models.	Dr. Kanase Vanita
Ms. Sarvagod Shilpa Shashikant	Evaluation of Pharmacological activity of selected medicinal Plant extract	Evaluation of Lipid lowering activity of ethanolic extract of <i>Barringtonia Asiatica</i> Leaves in animal models.	Mrs. Pushpalata Chougule
Ms. Shete Sayali Vijay	Evaluation of P'cological activity of Herbal Plant Extract	Evaluation of anti-Alzheimer activity of ethanolic extract of <i>Cissus quadrangularis</i> stems in wistar albino rats.	Dr. Kanase Vanita
Mr. Varma Shivamramendra	Evaluation of P'cological activity of Herbal Plant Extract	Evaluation of anti-Parkinson activity of ethanolic extract of <i>Trachyspermum ammi</i> L. fruits in Zebra fish, albino wistar rats & mice.	Mr. Ansari Imtiyaz
Mr. Yadav Abhaykumar Atmaprasad	Evaluation of P'cological activity of Herbal Plant	Evaluation of anti-Alzheimer's activity of ethanolic extract of <i>Origanum vulgare</i> leaves in wistar albino rats.	Mr. Ansari Imtiyaz
		Evaluation of anti-histaminic activity of ethanolic extract of dried fruit peels of <i>Hylocereus undatus</i> plant in animal models.	Dr. Kanase Vanita


Students Name	Topic Name	Actual Work Done	Guide Name
2019-2020			
Ms. Kabir Inayat	Evaluation of Pharmacological Activity of Selected Plant	Evaluation of Nootropic activity of Ethanol Extract of <i>Barringtonia asiatica</i> (L) Kurz Leaves in Wistar albino rats. (Evaluation of Pharmacological activity of Selected Plant).	Mr. Ansari Imtiyaz
Ms. Vishwakarma Sunita	Evaluation of Pharmacological Activity on Selected Herbal Plant	Evaluation of Antidepressant activity of Ethanol extract of <i>Lagerstroemia speciosa</i> Leaves in Swiss Albino mice.	Dr. (Mrs.) Kanase Vanita
Ms. Bamne Falak	Evaluation of P'cological Activity of Selected Medicinal Plant Extract	Evaluation of antiarthritic activity of Ethanol extract of <i>Trema orientalis</i> leaves in Wistar albino rats	Mr. Ansari Imtiyaz
Ms. Gupta Priya	Evaluation of P'cological Activity of Medicinal Plant	Evaluation of antihistaminic activity of dried fruits of <i>Capparis moonii</i> Wight plant in animal	Dr. Kanase Vanita
Ms. Kadam Shalaka	Evaluation of P'cological Activity of Medicinal Extract	Evaluation of antiarthritic activity of Ethanol extract of <i>Trema orientalis</i> leaves in Wistar albino rats	Dr. Kanase Vanita
Mr. Kapadia Salman	Evaluation of P'cological Activity of Medicinal Plant	Evaluation of Antidepressant activity of ethanol extract of <i>Cissus quadrangularis</i> stems in swiss albino mice	Dr. Kanase Vanita
Ms. Khan Shaheen	Evaluation of P'cological activity of Herbal Plant	Evaluation of Antiparkinson's activity of hydroalcoholic extract of the stems of <i>Capparis decidua</i> in zebrafish and swiss albino mice.	Mr. Ansari Imtiyaz
Ms. Shetigar Shruti	Evaluation of P'cological activity of Herbal Plant	Evaluation of anti-hyperuricemic activity of alcoholic extract of <i>capparis moonii</i> Wight fruits in Wistar rats	Dr. Kanase Vanita
Mr. Singh Chandrashekhar	Evaluation of P'cological Activity of Medicinal Extract	Evaluation of Antidepressant activity and Antiangiogenic activity of Ethanol extract of the leaves of <i>Barringtonia asiatica</i> in Swiss Albino Mice and Zebrafish.	Mr. Ansari Imtiyaz
Mr. Yadav Vishwabhushitam	Evaluation of P'cological activity of Herbal Plant	Evaluation of analgesic activity of ethanol extract of <i>Capparis moonii</i> Wight fruits in Swiss Albino Mice	Dr. Kanase Vanita

Students Name	Topic Name	Actual Work Done	Guide Name
2017-2018			
Mr. Khan Zaseem	Evaluation of Antiasthmatic Activity of Medicinal Plant	Evaluation of anti-asthmatic activity of ethanol extract of dried leaves of <i>wrightia tinctoria</i> in wistar rats.	Mr. Ansari Imtiyaz
Mr. Patil Diptesh	Evaluation of Antiulcer Activity of Medicinal Plant	Evaluation of anti-inflammatory, anti-pyretic, & anti-ulcer activity of ethanol extract of dried leaves of <i>carissa spinarum</i> L. (eccs).	Mr. Ansari Imtiyaz
Ms. Pathan Saniya	Evaluation of Neuropharmacological Activity of Medicinal Plant	Evaluation of antiparkinson's activity of hydroalcoholic extract of the seeds of <i>canavalia</i> species in zebra fish and swiss albino mice.	Mr. Ansari Imtiyaz
2018-2019			
Ms. Khan Farha	Evaluation of Antihistaminic Activity of Selected Medicinal Plant	Evaluation of antihistaminic activity of ethanol extract of dried leaves of <i>Trema orientalis</i> Plant in wistar Albina Rats.	Dr. (Mrs.) Kanase Vanita
Ms. Mane Deepali	Evaluation of Antiulcer Activity of Selected Herbal Plant	Evaluation of anti-pyretic, & anti-ulcer activity of <i>Alstonia scholaris</i> in Albino Wistar Rats.	Dr. (Mrs.) Kanase Vanita
Ms. Shaikh Sana	Evaluation of Pharmacological Activity of Selected Medicinal Plant	Evaluation of Antistress activity of Ethanol extract of <i>Chromolaena odorata</i> Leaves in Swiss Albino mice	Dr. (Mrs.) Kanase Vanita
Ms. Singh Jyoti	Evaluation of Antiulcer Activity of Selected Medicinal Plant	Evaluation of antipyretic, & anti-ulcer activity of <i>Trema orientalis</i> in albino wistar rats.	Dr. (Mrs.) Kanase Vanita
Ms. Singh Sushmita	Evaluation of Neuropharmacological Activity on Selected Medicinal Plant	alcoholic extract of the seeds of <i>Vigna aconitifolia</i> in albino wistar rats.	Mr. Ansari Imtiyaz
Ms. Pasha Khooshbu	Evaluation of Neuropharmacological Activity of Selected Plant	Evaluation of Antialzheimers activity of alcoholic extract of <i>Costus pictus</i> . D. don Leaves in Wistar albino rats	Mr. Ansari Imtiyaz

Project details of the Fourth Year B.Pharm 2021-22

49	Singh Sheetal J. (PMSSS)	Dr. Vandana Jain	Preparation and evaluation of herbal formulation
50	Shinde Santosh Shahaji		
51	Singh Mahipal Shraavan		
52	Tiwari Akash Paramhans		
53	Tiwari Kaustubh V.	Ms. Richa wani	Models for COVID-19
54	Toamr Chanchal Rajkishor		
55	Umraani Surbhi B.		
56	Upadhyay Anupam S.	Mrs. Aparajita Patil	Solubility enhancement using cyclodextrin complexation
57	Vishwakarma Sushma C.		
58	Yadav Anuj Rajesh		
59	Yadav Arvind Dinesh		
60	Yadav Priti Rajnarayan	Dr. Mahendra Kumar Prajapati	Development and evaluation of solid dispersion of Ibuprofen
61	Vinay B. Yadav		
62	Bhojr harshada suresh		
63	Pal seema rajesh		
64	Syed Sara Asgar Ali	Ms. Saine zehara shaikh	Extraction and Chemical Analysis of Carica Papaya Seed Powder and Oil
65	Aher Ajinkya Atul		
66	Swati chauhan		
67	Vishal govind patil		
68	Zuber Makandar		


Principal
Dr. Mrs. Sudha Rathod


Class-Incharge
Mr. A.M. Kanavaje

Project details of the Fourth Year B.Pharm 2021-22

21	Kale Sakshi Bharat	Mrs. Varsha patil	Spray Bandage for wound healing activity
22	Khan Abutalib Salim		
23	Khan Salahuddin Mohd.Saleem		
24	Khot Supriya Tanaji		
25	Kundar Ritika Ashwin	Dr. Asish Dev	Comparative evaluation of marketed Paracetamol suspensions and extemporaneous preparation
26	Kurtadkar Shrutika Prasad		
27	Lohagaonkar Nihar Balakrishna		
28	Malviya Lohar Prince Tikamchand		
29	Mishra Mayuri Arvindkumar	Dr. Intiyaz Ansari	Pharmacognostic and pharmacological evaluation of selected medicinal plant
30	Nadiya Intiyaz Ahmed		
31	Naik Sakshi Yashwant		
32	Padalkar Abhishek Jagannath		
33	Pai Chaitnya Prashant	Mr. Abhijit Mohan Kanavaje	Formulation and evaluation of transdermal patch of antifungal drug
34	Pandey Vishakha Yogesh		
35	Patel Rohit Kalluram		
36	Patil Kailash Reva		
37	Prajapati Manish Kumar R.	Dr. Vanita Kanase	Evaluation of Antispasmodic activity of Herbal Plant
38	Rohit Prasad Ramnaval		
39	Purewal Japneetsingh S.		
40	Rajbhar Nisha Ravindra		
41	Ranawat Rithik Rakesh	Mr. Ansari Shoaib Ahmed	Preparation & Evaluation of Metformin Hydrochloride Floating Tablet
42	Reshamwala Mohd. Ibrahim		
43	Saied Asraf Iqbal		
44	Sakshi Hadawale Nivrutti		
45	Sankhe Prabodh Prajan	Ms. Swarnali Sandip Manick	Microbiological evaluation of herb-drug interaction potential of major phytoconstituents of Asparagus racemosus
47	Sharma Sakshi R.		
48	Sharma Shubham S.		

Project details of the Fourth Year B.Pharm 2021-22

21	Kale Sakshi Bharat	Mrs. Varsha patil	Spray Bandage for wound healing activity
22	Khan Abutalib Salim		
23	Khan Salahuddin Mohd.Saleem		
24	Khot Supriya Tanaji		
25	Kundar Ritika Ashwin	Dr. Asish Dev	Comparative evaluation of marketed Paracetamol suspensions and extemporaneous preparation
26	Kurtadkar Shrutika Prasad		
27	Lohagaonkar Nihar Balakrishna		
28	Malviya Lohar Prince Tikamchand		
29	Mishra Mayuri Arvindkumar	Dr. Imtiyaz Ansari	Pharmacognostic and pharmacological evaluation of selected medicinal plant
30	Nadiya Imtiyaz Ahmed		
31	Naik Sakshi Yashwant		
32	Padalkar Abhishek Jagannath		
33	Pai Chaitnya Prashant	Mr.Abhijit Mohan Kanavaje	Formulation and evaluation of transdermal patch of antifungal drug
34	Pandey Vishakha Yogesh		
35	Patel Rohit Kalluram		
36	Patil Kailash Reva		
37	Prajapati Manish Kumar R.	Dr. Vanita Kanase	Evaluation of Antispasmodic activity of Herbal Plant
38	Rohit Prasad Ramnaval		
39	Purewal Japneetsingh S.		
40	Rajbhar Nisha Ravindra		
41	Ranawat Rithik Rakesh	Mr. Ansari Shoaib Ahmed	Preparation & Evaluation of Metformin Hydrochloride Floating Tablet
42	Reshamwala Mohd.Ibrahim		
43	Saied Asraf Iqbal		
44	Sakshi Hadawale Nivrutti		
45	Sankhe Prabodh Prajan	Ms. Swarnali Sandip Manick	Microbiological evaluation of herb-drug interaction potential of major phytoconstituents of Asparagus racemosus
47	Sharma Sakshi R.		
48	Sharma Shubham S.		

Project details of the Fourth Year B.Pharm 2021-22

Roll no	Student Name	Name of the Mentor (Teacher)	Title of the Project
1	Aditi Dubey Vinay	Dr. (Mrs.) Manasi Gholkar	Process development for a perfumery product
2	Aman Gupta Anil		
3	Zeenat Ansari Basir		
4	Singh Asish Dinanath		
5	Bhombde Kamlesh Krishna	Prof Dr Mohib Khan	Study of Lauraceous Leaves
6	Borana pooja Himatram		
7	Mahadik Samiksha Navnath		
8	Dere Omkar Sanjay		
9	Fauziya Imtiyaz Ahmed	Dr. Sayyed Mateen	Impact of Covid-19 pandemic on human health, wealth, education and acceptance of Covid-19 vaccine- A sample survey of Indian population.
10	Gaund Vishal Rajendra		Evaluation of antimicrobial potentials of Kalanchoe pinnata (Bryophyaaaun pinnatum)
11	Gupta Anjali Harishchandra		
12	Gupta Kishan Rakesh		A review study on Parkinsonism
13	Gupta Omkar Radhegovind	Dr Amjad Ali	PPE kit & its application: A concise review
14	Gupta Rahul Kumar Pradeep		
15	Gupta Shubhangi B.		
16	Gupta Varun Vikas		
17	Hodawadekar Rishikesh Rajesh	Dr. Mrs. Pradnya Palekar - Shanbhag	Development & Evaluation of Transmucosal System
18	Ishita Srivastava Rajeshkumar		
19	Iyer Akshaya Prakash		
20	Kahar Ashish Amritlal		
46	Shaikh Naumaan Naeen		

Practice School related experiments.

B Pharm - Final Yr - Sem VIII

SR.NO	MONTH	WEEK	BATCH			PRACTICAL MODULE TITLE	NAME OF FACULTY	Signature
			02-02-2023	03-02-2022	04-02-2022			
22	Feb-23	1st week	A	B	C	Box Behnken design with experiment & Central Composite Design (CCD) with experiment	Ms Himali Savala	
23			B	C	A	Development of clinical trial related documents	Ms. Sara Shaikh	
24			C	A	B	Hands on training on UV	Ms Swarnali Marick	
25		2nd week	09-02-2023	10-02-2023	11-02-2023			
26			A	B	C	Determination of viscosity of liquid and semisolid dosage forms	Mrs. Garima Singh	
27			B	C	A	Case studies on drug interactions	Mr. Nilesh Babre	
28		3rd week	C	A	B	Chemical Structure Drawing Chemical Structure presentation & Chemical Database Search	Dr Neenu Ganesh	
29			16-02-2023	17-02-2023	18-02-2023			
30			A	B	C	Comparative studies of spray dryer and vacuum dryer	Mrs. Priyanka Mohite	
31		4th Week	B	C	A	Interpretation of various spectra and graphs like UV, NMR, Mass, IR, DSC, etc	Mr Vijay Ikale	
32			C	A	B	Preparation of reagent / chemicals	Ms Jhilika Singh	
				23-02-2023	24-02-2023	25-02-2023		
			A	C	B	Ternary phase diagram for microemulsion	Mr. Melroy D'sa	
			B	A	C	Ex-vivo experimentation for dosage forms (topical)	Mrs. Varsha Patil	

Dr. Sudha Rathod
Principal



Dr. Sayyed Matin
Program Co-Ordinator

Mr. Abhijit Kanavaje
Final Year Class-Incharge

ORIENTAL COLLEGE OF PHARMACY, SANPADA
Final Year B.Pharm.(Sem-VIII) (A.Y.2022-23)

PRACTICE SCHOOL PRACTICAL MODULES & SCHEDULE

SR.NO	MONTH	WEEK	BATCH			PRACTICAL MODULE TITLE	NAME OF FACULTY	Signature	
			22-12-2022	23-12-2022	24-12-2022				
1	Dec-23	3rd week	A	B	C	Dissolution study of marketed tablet & preparation of cream	Dr. Mrs. Pradnya Palekar - Shanbhag		
2			B	C	A	Handling of experimental Animal	Dr. Sayyed Mateen		
3			C	A	B	Quality evaluation methods of Herbal crude drugs and formulations	Dr. Mohib Khan		
4		4th Week	26-12-2022	A, B, C		Demonstration of the Polymerase Chain Reaction Technique	Dr. Lata Rani		
5			27-12-2022			Introduction of QA And QC	Dr. Snehalata Boddu		
6			29-12-2022	30-12-2022	31-12-2022				
7				A	B	C	Preparation of sops for an instrument and handling of tablet compression machine	Mrs. Varsha Patil	
8				B	C	A	Dosing in animals (ORAL, SC, IP, IM)	Dr. Sayyed Mateen	
9				C	A	B	Synthesis of Benzilic acid as per green chemistry DST monograph	Dr. Amajad Ali	

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SR.NO	MONTH	WEEK	BATCH			PRACTICAL MODULE TITLE	NAME OF FACULTY	Signature
			05-01-2023	06-01-2023	07-01-2023			
10	Jan-23	1st week	A	B	C	Development of nanosuspension using High Pressure Homogenizer & Development of microcapsules	Dr. Sudha Rathod & Mr. Abhijit Kanavaje	
11			B	C	A			
12			C	A	B			
13		2nd week	12-01-2023	13-01-2023	14-01-2023	Hands on training on HPLC.	Dr. Vanita Kanase	
14			A	B	C	Determination of viscosity of semisolid dosage form & Preparation of nail lacquer	Mrs. Aparajita Patil	
15			B	C	A	Creating patient information leaflet	Dr. Vanita Kanase	
15	C		A	B	Column chromatography	Dr Manasi Gholkar		
16	Jan-23	3rd week	19-01-2023	20-01-2023	21-01-2023	Preparation of calibration curve of an API and estimation of saturation solubility	Mr. Melroy D'sa	
17			A	B	C			
18			B	C	A			
18		4th Week	25-01-2023	27-01-2023	28-01-2023	Case studies on adverse drug reactions	Mr. Nilesh Babre	
19			C	A	B	Calibration of analytical instruments (PH meter analytical balance) Qualification of hot air oven	Mr. Pavankumar Chopade	
20			A	B	C	Design of experiments - Introduction & Factorial Designs with experiment	Ms. Himali Savala	
21	B	C	A	Invitro anti-inflammatory study and anti-oxidant study	Ms. Sanie Zehra			
21	C	A	B	Analysis of monograph of pharmaceuticals	Mr Shoaib Ansari			

Dr. Sudha Rathod
Principal



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ICT Enabled tools for effective teaching-learning process.

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ICT Enabled tools for effective teaching-learning process.

Facilities

Sr.No	Name	Quantity
1	Desktop with internet connection	105
2	LCD Projector	10
3	Smart Interactive Board	1
4	iPAD	1
5	LAPTOP	2

Software

Sr.No	Name
1	Words Worth for communication skills
2	UV Probe for UV analysis
3	Clarity for HPLC
4	Microsoft office 365 for Presentation
5	Ex-Pharm software for Pharmacology experiments
6	DELNET Database for research studies
7	Plagiarism check software
8	Google form quiz
9	DoE Software

Google classroom and ICT enabled classrooms

M.Pharm 2022 24

35 students




M.Pharm MPAT

39 students



B.Pharm Div B
B

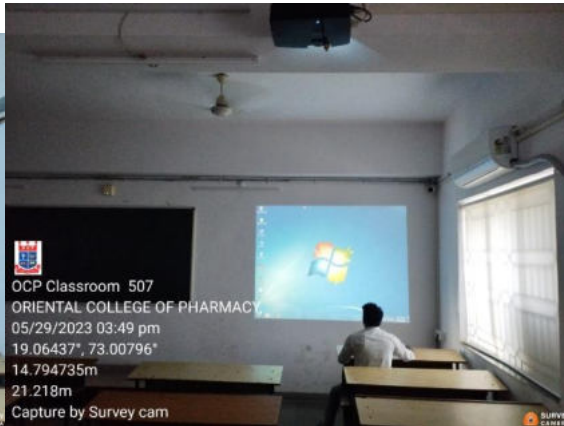
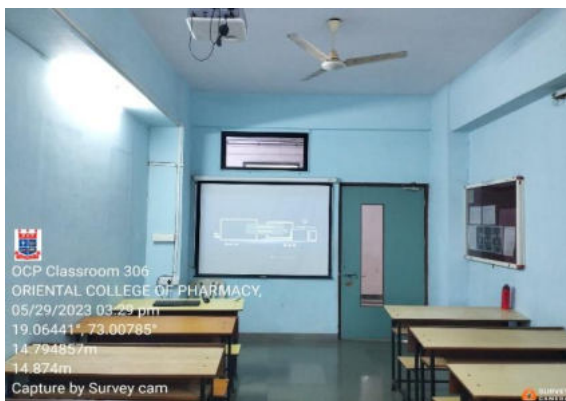
40 students



B.pharm Division A
A

55 students





Faculty YouTube Channels and YouTube content on Oriental College of Pharmacy
YouTube channel

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YouTube content on Oriental College of Pharmacy YouTube channel

Sr.No	Name of faculty	YouTube link
1.	Mr. Alok Dubay	https://youtu.be/pcyJT28VJt9Q
2.	Dr. B. Dinesh kumar	https://www.youtube.com/watch?v=xbLa4ROWo0A
3.	Dr.Mrs. Pradnya Palekar shanbhag	https://www.youtube.com/watch?v=bL4z_VpVVOI
4.	Dr.Mrs.Manasi Gholkar	https://www.youtube.com/watch?v=_JApFlla5NQ
5.	Dr. Sameer Padhye	https://www.youtube.com/watch?v=S3jlfOaB1-Y
6.	Mr.Kaushik Kuche	https://www.youtube.com/watch?v=-Xzb3HMfew8
7.	Mr. Girish Trivedi	https://www.youtube.com/watch?v=Esc1C84_8Xk
8	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=t9RhnTydEcs
9.	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=0HTEwof8qKc
10	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=K9LJU1Mfslc
11	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=mnjPURNuclQ

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12	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=I3xG55EswQ8
13	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=I3xG55EswQ8
14	Dr.(Mrs) Sudha Rathod	https://www.youtube.com/watch?v=yTbOMFUFDDY
15	Dr. Subhashis Chakraborty	https://www.youtube.com/watch?v=EpRH_sBONa4
16	Dr. Alka Mehta	https://www.youtube.com/watch?v=4PriXmx25o8
17	Dr. Alka Mehta	https://www.youtube.com/watch?v=LUJaN1Ix_dE
18	Dr. Alka Mehta	https://www.youtube.com/watch?v=nM3CZ1W4-00

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YouTube content of Oriental college of Pharmacy Faculties

Sr.No	Name of faculty	YouTube link
1	Mr.Abhijeet K	https://www.youtube.com/@abhijitkanavaje6673
2	Mr.Melroy D'sa	https://www.youtube.com/@melroydsa4937
3	Dr.Manasi Gholkar	https://www.youtube.com/@manasigholkar3518
4	Mr.Vijay Ikale	https://www.youtube.com/@VijayIkale-mh1te

