



# **H. K. College of Pharmacy**

**Placement brochure  
202-2021**



## ABOUT US

H K College of Pharmacy (HKCP) was established in 2006 by Late Prof. Javed Khan, Ex-Education Minister of the State of Maharashtra and approved by UGC, AICTE, DTE, PCI and affiliated to the University of Mumbai. HKCP is making every effort to provide a sound foundation in pharmaceuticals for its students so that they can contribute to a better and healthier tomorrow. Our qualified, committed, motivated faculty and excellent infrastructural facility provide an academic and professional base to the students.



## H.K. COLLEGE OF PHARMACY Vision

To be recognized as the institution providing quality education in pharmacy to serve the healthcare sector.



## Mission

- By imparting knowledge in the field of pharmacy through continuous improvement in integrated teaching learning process.
- All round development of the students by inculcating sense of ethical practices, social empathy and management skills.
- Encourage students towards higher education and research.





## AFFILIATION

- 1) All India Council For Technical Education (A.I.C.T.E.)
- 2) Directorate of Technical Education (D.T.E.), Maharashtra.
- 3) Pharmacy Council of India (P.C.I.) University of Mumbai

## COURSES AVAILABLE

- Bachelor of Pharmacy (B.Pharm)
- Master of Pharmacy (M.Pharm)

### **Bachelor of Pharmacy (B. Pharm)**

HKCP offers 4 year full time degree course Bachelor of Pharmacy (B. Pharm) for undergraduates which aims to develop skills in pharmacy along with functional specializations in order to impart practical knowledge. The course spans over eight semesters and at the end of every semester, there is an examination. After successful course completion one will be able to pursue a successful career in the specified field.

### **MASTER OF PHARMACY (M.PHARM)**

HKCP offers 2 year full time degree course Master of pharmacy in pharmaceuticals for Graduates which spans over four semesters including theory papers in 1st year and research project in 2nd Year. The course is affiliated to Mumbai University. After successful course completion one will be able to pursue a successful career in the specified field.





**H. K College of Pharmacy**



# INFRASTRUCTURE







# Message from Principal Desk



**Professor Dr. M N Saraf**  
**M.Pharm, Ph D, FACU,**  
**(Principal)**

**H.K.College of Pharmacy, has recorded consistent improvement in its academic, research and placement activities. The students of our college stood 1st and 2nd in order of merit in the final year examinations conducted by the Univerity of Mumbai in the year 2019 and 2020 respectively.**

**We are pleased to introduce our 2021 batch of students for the successful placement session for this year . We are confident that with knowledge gained through academic and various extra curricular activities our students have become professionals to serve the dynamic healthcare system. We look forward to continue a fruitful relationship with your organization.**



# Message from Placement Cell Coordinators



**Dr. Archana A. Bele**  
Assistant Professor

Department Of Pharmaceutical Analysis



**Ms. Parimal Kotkar**  
Assistant Professor

Department Of Pharmacognosy

HKCP Placement cell takes an immense pleasure in introducing Final year B.Pharm and M.Pharm students in domain of Pharmaceuticals and allied fields. HKCP takes consistent efforts in upgrading overall development towards students through various activities such as career guidance sessions, Knowledge sessions, sessions by alumni, industrial trainings.

Placement cell takes pleasure in inviting good organizations to visit the HKCP Campus for the year 2020-2021. HKCP students have groomed as an ideal professional and will surely play a productive role in serving organization needs. HKCP cordially invites you to campus for placements and looking forward in building a prolific relationship between your Organization and HKCP.

# PLACEMENT COMMITTEE

## 2020 - 2021



**Row 1: Pradeep Saroj, Dipti Sharma, Mohd Arbaaz. M. Qureshi, Ashish Jha, Preeti Choudhary, Sumaiya Barmare, Pushpa Ram.**

**Row 2: Dr. Archana Bele, Dr. VinayKumar Velingkar (Technical director) , Dr. M.N Saraf (Principal), Ms. Parimal Kotkar**



# CAREER GUIDANCE sessions :-

## Summary Sheet for Career Guidance 2020-21

Sr. NO	Date	Name of the Speaker	Name of the Topic
1	7.11.2020	Mr. Palak Motan, HKCP Alumni (2006-10), Krishna and Saurastri Associates LLP along with HKCP Placement cell.	Career prospects and competitive exams
2	30.1.2021	Dr. Hema Kanekar, Senior regulatory medical writer, TCS.	"Online Interview"
3	2.2.2021	Mr. Shailesh Kataria, HKCP Alumni (2006-10) Designation: Business Development Manager - Scandinavia, South and West Europe Organization: Concept Medical	"BD, Sales, Marketing- International Market- as a career option"
4	11.2.2021	Prof. Ullas Kharkhanis, Associate dean (Pharma and health care management), IES college, Bandra	Career Counseling - Workplace Readiness
5	25.2.2021	Dr. Monali Marathe, Quality Manager (VSG Life Sciences c/o Magnum Heart Institute, Nashik)	"Introduction to Clinical Research and opportunities in Clinical Research"

# Thoughts from Alumni



**Gayatri Kulkarni**

**Designation** - Patient Safety Associate  
Pharmacovigilance Department

**Company** - Tata Consultancy Services

I was always anxious about my future. But over the years, so many doors were opened for our academic development. These four years were best years concerning learning, experience and gaining exposure to fields relevant to my discipline, all due to my faculty member. At last, thanks to the college Placement Department for their continuous efforts in getting me placed in top Pharmaceutical Company.

All the best for your future endeavours!

Work hard, stay focused and be safe.

You have the HKCP Family with you.



**Mr. Saad Kazi**

**Designation** - Contracts and Proposals Developer, Global Business  
Operations team

**Company** - IQVIA

I grew and matured in all the possible ways at HKCP. The support I received from staff was elite. Long hours of studying coupled with innovative methods used by professors helped in shaping my career.





**Mohammed Furqaan  
Shaikh**

**Designation** - Health Care Executive

**Company** - Eisai India

Academics are essentially important but also spare time to develop and enhance the following:

- Interpersonal skills, these are the one's which will help you throughout the career no matter which area.
- Make contacts throughout the college time and be in touch with them, these are people who will be helping and guiding you.
- Never hop jobs in less than 2 years, it affects your cv and may create problem in the long term.



**Aathira Chandran**

**Designation** - Research Associate Trainee

**Company** - Micro Labs Ltd

I consider myself fortunate enough to be a part of HKCP. Each and every member associated with this institute; from the teaching faculty to the non teaching staff, have been very helpful throughout my academic tenure. Being an alumni, I'm immensely proud to say that all the facilities and programs provided here have always been beneficial to the students at some point or the other; Be it the career guidance seminars, alumni meets, or one to one sessions. Our placement committee has always put in their 100% in recruiting our students and obviously students from HKCP would never disappoint the hiring industry and organisation.

I would also like to thank our PLACEMENT COMMITTEE for helping me get my first dream job at such a renowned company Micro Labs Ltd.

Lastly, I would like to wish success and happiness to all the aspirants of our institute.  
"HARDWORK IS THE ONLY STEP TO SUCCESS"



**Omkar Ghodke**

**Designation** - Asistant Manager

**Company** - Cipla

HKCP regards students as valued clients to whom the college has always tried to satisfy the needs by way of different trainings which is required by student at various levels of his career along with theoretical background. The faculty at HKCP focus on students' career goals with proper guidance in selecting most suitable specialization based on one's strengths and passion. The pre-placements activities were highly effective for us to have a clear idea on facing interviews. The various co-curricular activities built confidence and leadership skills in us. Every year, the placement department reaches new heights by placing students in renowned companies and thereby reduce the gap between the academia and corporate. The college helped me immensely with all the queries that were needed to be addressed before I was placed in to one of the leading pharma MNC's Cipla.

I personally believe that, the mantra to success is by following these three things, Consistency, Hardwork, Honesty and the greatest of all being Self-Belief.



**Manisha Jagdish  
kumar**

**Designation** - Executive PMT

**Company** - Legitimed Healthcare Private Limited

Being alumini, It is indeed a great pleasure to write words of appreciation for HKCP Students. I have been part of HKCP for 5 years as I completed my graduation and post graduation from the department of pharmaceuticals, I take proud and privileged to highlight the academic practices adopted by faculty member of this department. I wish all the succes to our students of this batch in the professional and personal life.

Things you should remember

- Work hard and be confident
- Persistent
- Have a positive and right attitude
- Be ready to learn and keep trying
- Love your family



# Final Year - Research and Review Based Projects

## 1) Comparative study of orodispersible granules and mouth dissolving films

Name	Email ID
Ansari Abdul Kadir	Abdulkadir.ansari@hkcp.edu.in
Ansari Mohd Zahid	Mohdzahid.ansari@hkcp.edu.in
Ansari Sehrash A	Sehrash.ansari@hkcp.edu.in
Halder Md Jahid M	Mohdjahid.halder@hkcp.edu.in
Yadav Badal	Badal.yadav@hkcp.edu.in

## 2) Herbal medicine in the treatment of diabetic disease

Name	Email ID
Ansari Arshad K.	Arshad.ansari@hkcp.edu.in
Khan Abdul wafa	Abdulwafa.khan@hkcp.edu.in
Sangave sunil	Sunil.sangave@hkcp.edu.in
Salman mehfouz	Salman.mehfouz@hkcp.edu.in
Khan Afroz	Afroz.khan@hkcp.edu.in

## 3) ADMET predictions of synthesized heterocyclic derivatives to treat renal cancer

Name	Email ID
Bagwan Afsha A	Afsha.bagwan@hkcp.edu.in
Gupta Ashish R	Ashish.gupta@hkcp.edu.in
Khan saba wahid	Saba.khan@hkcp.edu.in
Shaikh Mohd Anas	Mohd.anas.shaikh@hkcp.edu.in
Tahir Heena I	Heena.tajir@hkcp.edu.in

## 4) Structure based drug design and development for potential antiviral activity of selected novel synthetic compounds against SARS-CoV-2

Name	Email ID
Chaudhary Aaliya	Aaliya.chaudhary@hkcp.edu.in
Chouhan Aasma	Aasma.chouhan@hkcp.edu.in
Dubey chandani	Chandani.dubey@hkcp.edu.in
Gupta Avika J	Avika.gupta@hkcp.edu.in
Shukla sushil A	Sushil.shukla@hkcp.edu.in

## 5) Medicinal plants acting on CNS disorders

Name	Email ID
Choudhari kavita	Kavita.choudhari@hkcp.edu.in
Rahate karan	Karan.rahate@hkcp.edu.in
Singh Daulat V	Daulat.singh@hkcp.edu.in
Singh sakshi A	Sakshi.singh@hkcp.edu.in
Singh yuvraj	Yuvraj.singh@hkcp.edu.in

## 6) Zootoxins on vogue as a drug candidature

Name	Email ID
Chowdhury sweeti	Sweeti.chowdhury@hkcp.edu.in
Gupta santosh H	Santosh.gupta@hkcp.edu.in
Shaikh Junaid	Junaid.shaikh@hkcp.edu.in
Shenoy Tanushree S	Tanushree.shenoy@hkcp.edu.in
Yadav Ajay S	Ajay.yadav@hkcp.edu.in

## 7) Drugs used in the treatment of COVID -19

Name	Email ID
Dubey Adarshkumar	Adarshkumar.dubey@hkcp.edu.in
Gupta Ankur	Ankur.gupta@hkcp.edu.in
Khan Alenabi	Alenabi.khan@hkcp.edu.in
Madeshiya Chandankumar	Chandankumar.madhesiya@hkcp.edu.in
Mishra Adarsh Kumar	Adarshkumar.mishra@hkcp.edu.in

## 8) Molecular docking studies on some heterocyclic compounds as B- Raf inhibitors

Name	Email ID
Kalia manvi V	Manvi.kalia@hkcp.edu.in
Parmar Leela p	Leela.parmar@hkcp.edu.in
Pathak Supriya S	Supriya.pathak@hkcp.edu.in
Patwa priya	Priya.patwa@hkcp.edu.in
Shaikh Zaynah sajid	Zaynab.shaikh@hkcp.edu.in



## 9) Fast disintegrating tablet-opportunity on drug delivery system

Name	Email ID
Khan Arbaz	Khan.arbaz@hkcp.edu.in
Khan Mohammad Anas	Mohdanas.khan@hkcp.edu.in
Khatik Shoaib Y	Shoaib.khatik@hkcp.edu.in
Yadav Pankaj R	Pankaj.yadav@hkcp.edu.in

## 10) Comparison of ADME studies of herbal drugs by using wet laboratory and dry laboratory techniques.

Name	Email ID
Khan Shahabaz R	Shahabaz.khan@hkcp.edu.in
Lohar Shefali R	Shefali.lohar@hkcp.edu.in
Patil Deepak	Deepak.patil@hkcp.edu.in
Patil Nandini	Nandini.patil@hkcp.edu.in
Yadav sakshi R	Sakshi.yadav@hkcp.edu.in

## 11) Demystifying the potential of un conventional / novel drug delivery

Name	Email ID
Kunal Bhakti M	Bhakti.kubal@hkcp.edu.in
Pandey Sakshi	Sakshi.yadav@hkcp.edu.in
Patel Parth K	Parth.patel@hkcp.edu.in
Maurya Sharvan	Sharvan.maurya@hkcp.edu.in
Patil preksha	Preksha.patil@hkcp.edu.in

## 12) Organ on chip –A tool for screening drugs

Name	Email ID
Kulapurath shweta	Shweta.kulapurath@hkcp.edu.in
Mishra Janhavi S	Janhavi.mishra@hkcp.edu.in
Nair Aishwarya R	Aishwarya.nair@hkcp.edu.in
Prajapati Kavita	Kavita.prajapati@hkcp.edu.in
Shaikh Mohd.Ahtesham	Mohdahtesham.shaikh@hkcp.edu.in

### 13) Drug utilization evaluation for antihypertensive drugs

Name	Email ID
Mishra Nageshkumar	Nageshkumar.mishra@hkcp.edu.in
Pandey Rupam	Rupam.pandey@hkcp.edu.in
Tripathi Aditya	Aditya.tripathi@hkcp.edu.in
Vishwakarma sudha	Sudha.vishwakarma@hkcp.edu.in
Yadav Sonali	Sonali.yadav@hkcp.edu.in

### 14) Review of immunity booster drug

Name	Email ID
Mote Digvijay	Digvijay.pandit@hkcp.edu.in
Sayed saif Ali M	Saifali.sayed@hkcp.edu.in
Singh Vaibhav J	Vaibhav.singh@hkcp.edu.in
Chaudhary Abdul salman	Salman.chaudhary@hkcp.edu.in



# M. Pharm projects

## Thesis Work

**Title: Formulating Cococrystals of Anti-fungal Drug: Exploring It's Optimization, solid State Characterization, In- Vitro Release and Antifungal Activity**

### Description:

More than 60-70 % of newly discovered drug belongs to BCS class II and class IV having problems of solubility and permeability. Solubility of drug can be improved by various methods such as physical modification (like co-crystallization, solid dispersion, size reduction) and chemical modification (like change in pH, complexation, derivatization). The objectives of present investigation were to determine Hansen solubility parameters, synthesis of cococrystals, solid state characterization, in-vitro drug release and anti-fungal activity of LZL cococrystals. According to the US-FDA Cococrystals are defined as 'crystalline materials composed of two or more molecules within the same crystal lattice'. Prepared cococrystals system showed an overall 3-4 fold enhancement in solubility, 4-5 fold increase in dissolution velocity, higher penetration and better antifungal activity. Gel incorporated with cococrystals could be a new approach with improved activity and increase dermal delivery for drugs with poor aqueous solubility rather than coarse drug containing gel.

**Mahadev Govindrao Tate**

**Contact number: 8450986618**

**E-mail id:**

**mahadevtate81@gmail.com**

**GPAT Score: 100**

**Summer Internship:**

**1 Month internship with US FDA approved plant of Brassica Pharmaceuticals pvt. Ltd., Boisar, Maharashtra.**

## Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	VIVA Institute of pharmacy, Virar (E)	Mumbai University	CGPA: 7.38
M.Pharm	2019-21	H. K. College of pharmacy	Mumbai University	Sem 1: 7.92 Sem 2: 8.85 Sem 3 & 4 : Result awaited



# Prajakta Sandeep Kegade

**Contact number: 9167248765**  
**Email Id:**  
**prajaktakegade95@gmail.com**

**GPAT Score: 71**

**Summer Internship:**

**Name of Organisation: T.M. ThakorePharmaceutical laboratories**

**Place : Jogeshwari (East)**

**Department: Production, Packaging, Q.C, Q.A**

**Duration: 1 month**

## Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2019	Viva Institute of Pharmacy, Virar	Mumbai University	CGPA: 6.73
M.Pharm	2019-2021	H.K.College of Pharmacy, Jogeshwari	Mumbai University	Sem 1: 7.31 Sem 2: 8.00 Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Development of Advance Drug Delivery System**

### Description:

The aim of research is to formulate and evaluate antifungal drug loaded nanosuspension gel that help to increase the therapeutic efficacy in treatment of fungal infection. Nanosuspension was prepared by antisolvent precipitation method with the help of various stabilizer that prevent the stability. Characterization such as particle size, zeta potential, drug entrapment efficiency, drug content, FTIR, SEM was performed. Then, Nanosuspension was incorporated into gel and evaluation of gel like viscosity, pH, spreadability, in vitro and ex-vivo permeation, antifungal activity was studied.



## Akshay Prakash Gade

Contact number: 9920341757

Email Id:  
gadeakshay97@gmail.com

**GPAT Score: 67**

**Summer Internship:**

**Name of company : Cadila Healthcare Ltd.**

**Departments: Raw material testing, Production, and QC**

**Location: Ankleshwar, Gujrat, India**

**Duration: 2 months**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	Mallige College of Pharmacy, Bangalore	Rajiv Gandhi University of Health and Sciences, Karnataka	79.27 %
M.Pharm	2019-2021	H.K College of Pharmacy, Mumbai	Mumbai University	Sem 1: 7.92 Sem 2: 8.85 Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Development of Modified Release Dosage Form**

### Description:

The study aimed to formulate a Polymeric Lipid Nanocapsules drug delivery system of Drug-X by interfacial deposition method and to optimize the formulation and improve the topical bioavailability by increasing the skin permeability and prolonged retention of a drug at the site of application. Considering the effect of various processing parameters like the effect of polymer and surfactant concentration on particle size, % drug entrapment, and drug release. Optimized polymeric lipid Nanocapsule suspension was then to be incorporated into Carbopol 934 gel as a base.

Optimized polymeric lipid Nanocapsule was evaluated for particle size, zeta potential, FE SEM, FTIR, and in vitro drug release studies. Gel loaded polymeric lipid Nanocapsule optimized formulation was then selected for permeation studies through goatskin membrane, and evaluated for antifungal activity and stability studies.



# Shreya Devendra Parkar

**Contact number: 7715909453**  
**E- mail Id:**  
**shreyaparkar9@gmail.com**

**GPAT Score: 85**

### Summer Internship:

**Name of Organization- T.M. Thakore  
Pharmaceutical Laboratories**

**Departments: Production, Packaging, QA, and QC**

**Location: Premson's Ind. Estate, Jogeshwari(E)**

**Duration: 1 Month**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	Viva Institute of pharmacy, Virar	Mumbai University	CGPA: 7.83
M.Pharm	2019-2021	H.K. college of pharmacy, Jogeshwari	Mumbai University	Sem 1: 8.23 Sem 2: 9.00 Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Evaluation of Novel Drug Delivery System**

### Description:

The aim of the present study was to develop and formulate Ethosomal gel of Drug-X for the Topical delivery in psoriasis therapy. Ethosomal systems are novel phospholipid-based vesicular nano-carriers containing a relatively high percentage of ethanol. These nanocarriers are especially designed for the efficient delivery of therapeutics into deep skin layers. The Ethosomal formulation were prepared with classical cold method using varying concentration of phospholipid and ethanol and then, The Ethosomal vesicles were incorporated in Carbopol gel base and its Drug Release was compared with the plain gel. The formulation then also evaluated for vesicle size, vesical shape and surface morphology, drug content, entrapment efficiency, drug excipient compatibility, in-vitro drug release, skin retention, Ex vivo skin permeation and stability studies.



**Mohammad Naved Mohammad Rafiq**

**Contact number: 8097565296**

**E-mail id:  
naved8629@gmail.com**

**GPAT Score : 86**

**Summer Internship:**

**One month training at KEM Hospital during 3rd year of B.pharm for 1month**

### **Education Qualifications**

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-19	H.K College of Pharmacy	Mumbai University	CGPA: 6.5
M.Pharm	2019-21	H.K College of Pharmacy	Mumbai University	Sem 1: 6.38 Sem 2: 7.8 Sem 3 & 4 : Result awaited

## **Thesis Work**

**Title: Formulation and Evaluation of Microspheres for Antihypertensive activity.**

### **Description:**

Microsphere are multiparticulate drug delivery system , which are prepared to obtain prolonged or sustain drug delivery to improve bioavailability , stability and to target the drug to specific site at a predetermined rate. The main objective is to develop Drug x microspheres by the Ionic Gelation Method using sodium alginate as Polymer. Experimental work: Method: Ionic Gelation Method 9 Batch were prepared of DrugX ,10 mg dose of microspheres by using Sodium alginate and calcium chloride. Evaluation : drug content was found to be 93.2% and Entrapment efficiency 95.1% as well as particle size ( in  $\mu\text{m}$ ) 890.6 of best batch

Conclusion: It was concluded that microspheres shows that good therapeutic efficacy, safety ,bioavailability and patient compliance.





## MOUSAMI SHYAMAL SAMANTA

Contact number: 9920218396 /  
7977960313

E-mail id:  
mausam39229@gmail.com

**GPAT Score: 100**

**Summer Internship:**

**One month industrial training at Umang Pharmatech Pvt Ltd, from June 1, 2017 to June 30, 2017.**

**Trained as Hospital Pharmacist at Mahavir Hospital, Bhayander (west) for 3months**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2014-2018	H.K. College of Pharmacy	Mumbai University	CGPA: 6.89
M.Pharm	2019-2020	H.K. College of Pharmacy	Mumbai University	Sem 1: 8.38 Sem 2: 9.00 Sem 3 & 4 : Result awaited

### Thesis Work

**Title: Development and Characterization of Atorvastatin calcium trihydrate sublingual films for treatment of hyperlipidaemia.**

#### Description:

Formulation of sublingual film as novel drug delivery system for enhancing the bioavailability of drug and reducing the adverse effects caused by Atorvastatin which belongs to BCS II (high permeability, low solubility). Excipients were selected and Solvent casting method is used for formulation preparation. Preformulation studies for drug and evaluations such as thickness, surface pH, swelling index etc. for films were done. Dissolution and diffusion studies of films are done. Dose of 10mg is decided for sublingual administration. A safe and stable sublingual film is developed to a satisfactory level in terms of drug permeation, stability, physical properties etc. Sublingual films can be promising delivery system by overcoming the GI adverse effects and hepatitis caused by statins.



## Khan Mohammad Hamid

**Contact number:8976733145**

**E-mail id:**

**Mondhamid181@gmail.com**

**GPAT Score:105**

**Summer Internship: One month training during 3rd year B. Pharm at UMANG PHARMATECH PVT. LTD for 1month**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2014-18	H.K.college of pharmacy	Mumbai University	59.20%
M.Pharm	2019-21	H.K.college of pharmacy	Mumbai University	sem 1: 6.1 sem 2: 7.4 Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Nanoemulsion Gel Formulation for Topical Delivery of Amphotericin B.**

### Description:

Amphotericin B belongs to BCS class IV and it is an antimicrobial/antifungal agent. Topical delivery system of Nanoemulsion infused into gel for effective antifungal activity is chosen.

Preformulation studies like Analytical method validation, melting point, Solubility studies for 72hrs. Selection of excipients was done.

## Adesh Uttam Yelave

Contact number: 9167693721

E-mail id:

adesh.yelave@hkcp.edu.in

**GPAT Score : 153**

**Internship:**

**1 month industrial training at UMANG PHARMATECH PVT LTD in R&D and QC department.**

**Training and Internship Program 2020 with Springfest, IIT Kharagpur conducted by Ethical Edufabrica Pvt. Ltd. for 10 days from 07th October to 17th October 2020.**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	VIVA Institute of Pharmacy, Virar East	Mumbai University	CGPA: 8.11
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	Sem 1: 8.85 Sem 2: 9.15 Sem 3 & 4 : Result awaited

## Thesis Work

**Title: FORMULATION AND EVALUATION OF DIURETIC BCS CLASS IV DRUG LOADED BUCCAL FILM FOR TREATMENT OF HYPERTENSION**

### Description:

Selected drug is diuretic drug which is used in treatment of hypertension. It is BCS class IV drug and has low solubility and low permeability leading to low bioavailability. The present work was undertaken to formulate mucoadhesive buccal film of selected drug with an objective to improve therapeutic efficacy, patient compliance and bioavailability. Film formulations were prepared by solvent casting method using combination of hydrophilic polymers (HPMC) with suitable plasticizer. Additives such as solubilizing agent to increase solubility and permeation enhancers such as bile salts to increase permeability were used. The developed films were evaluated for physicochemical characteristics such as thickness, content uniformity, surface pH, and in vitro drug release etc. The optimized formulation containing combination of hydrophilic (HPMC) polymers showed good tensile strength, mucoadhesive strength and optimum in vitro diffusion results. The Ex vivo Drug permeation through bovine oral mucosa at the end of 8 hours was found to be  $87.2 \pm 0.93\%$ .



## GAONKAR VRISHALI SHRIKANT

Contact number: 9769247094

E-mail id:  
vrishali.gaonkar@gmail.com

GPAT Score: 114

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2013-2017	Indira College Of Pharmacy	Savitribai Phule Pune University	62.78%
M.Pharm	2019-2020	H.K College of Pharmacy	Mumbai University	Sem I – 7.54 Sem II – 8.38  Sem 3 & 4 : Result awaited

### Thesis Work

**Title: Formulation & Evaluation of Bilayer tablet as a Biphasic dual component delivery system Containing Rosuvastatin**

#### Description:

The purpose of the present research was to achieve biphasic release pattern containing model drug Rosuvastatin which is used in the treatment of Hyperlipidemia. The loading dose was delivered in the form of immediate release layer prepared by using sodium starch glycolate as a super disintegrant and maintenance dose was delivered through sustain release layer prepared by using HPMC K4M as a release retardant. Both the layers were separately developed by using wet granulation method and then combined to optimize bilayer tablet. The in vitro drug release profile from these tablets showed the desired biphasic release behavior of Rosuvastatin, where fast releasing component was dissolved within 30 minutes and drug in the sustained layer was released over a period of 8 hours. The results obtained with the dissolution test shows that the release profile is dependent on amount of polymer used in the tablet. The prepared drug loaded tablets were evaluated for various pre and post compression parameters such as Hardness, Disintegration, Friability, Drug content uniformity along with the stability studies.



## DEEPAK SHYAMLAL GAUTAM

**Contact number: 8898271831**

**E-mail id:**

**deepakgautam1217@gmail.com**

**GPAT Score: 121**

**Summer Internship:**

**30 days training in Phrmaceutical company at UKAY REMEDY PVT LTD .**

**3 months Hospital training at Oscar Hospital and Resaerch Centre.**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2014-2018	Rameshwaram Institute of Technology and Management	DR.A.P.J.Abdul Kalam Technical University	80.25%
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	Semester 1- 7.85 Semester 2- 8.54  Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Evaluation of Controlled Release Microspheres of Antihyperlipidaemic drug for management of Hyperlipidaemia**

### Description:

Formulation of Microspheres as novel drug delivery system for enhancing the bioavailability of drug and reducing the adverse effects caused by Atorvastatin calcium trihydrate which belongs to BCS II ( Low solubility, High permeability). Excipients were selected and Ionic Gelation method is used for formulation preparation. Preformulation studies for drug and evaluations such as Particle size, micromeritic characterstics, Encapsulation efficiency, Drug content , surface morphology and In-vitro dissolution studies etc. on microspheres were done. Dose of 10mg is decided for oral administration. A safe and stable microsphere formulation is developed to a satisfactory level in terms of drug permeation, stability, physical properties etc. Microspheres can be promising delivery system by overcoming the GI adverse effects and hepatitis caused by statins.



## Gaurang Sawant

**Contact number: +91 9167310588**

**E-mail id:**

**sawant.gaurang10@gmail.com**

**GPAT Score: 132**

**Summer Internship:**

**It was done at KEM Hospital for 1month**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	H.K. College of Pharmacy	Mumbai University	7.77 CGPA
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	Sem 1 : 7.77 Sem 2 : 7.56  Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Development of Novel Drug Delivery System**

### Description:

Formulation and Development of Lecarnidipine Proniosomal Gel for enhanced solubility and better permeation properties. First Lecarnidipine Proniosomal Suspension was prepared using span 60, span40 and span 80 along with ethanol and cholesterol and soylecithin. This suspension was then incorporated into a gel base to provide transdermal delivery. Evaluation was performed for both the gel and suspension.



## Nikhil Dixit

Contact number: 8655012352,  
9833481595  
E-mail id: nikhild430@gmail.com

**GPAT Score: 94**

**Summer Internship: TRAINEE IN PRODUCTION & QC  
DEPT.PHARMACEUTICAL PRODUCT OF  
INDIA,LTD.TURBHE, NAVI MUMBAI for 1month**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2014-2018	Shri D.D. Vispute College of Pharmacy and Research center, New Panvel	Mumbai University	CGPA: 6.00
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	Sem 1: 6.77 Sem 2: 8.00

## Thesis Work

**Title: Formulation and evaluation of topical NDDS**

### Description:

The aim of the present study was to formulate ursolic acid niosomal gel for treatment of acne. Niosomes were prepared using non-ionic surfactants such as span 40, 60, and 80. The surfactant: cholesterol ratio 2:1 and 5:1 was taken. The niosomal formulations were prepared using coacervation phase separation method. The niosome suspensions were optimized based on their entrapment efficiency and particle size. The optimized batches were incorporated into gel phase. A niosome is a non-ionic surfactant-based vesicle. Niosomes are formed mostly by non-ionic surfactant and cholesterol incorporation as an excipient. Ursolic acid is a pentacyclic triterpenoid identified in the epicuticular waxes of apples as early as 1920 and widely found in the peels of fruits, as well as in herbs and spices like rosemary and thyme.

## Reesha Parvez Baig

**Contact number: 9769916031**

**E-mail id:  
reeshabaig18@gmail.com**

**GPAT Score: 125**

**Summer Internship:**

**Industry Name: Ipca Laboratories Limited**

**Location: 125, Kandivli Industrial Estate, Kandivli (West),  
Mumbai-400067, India**

**Department: Product Development & Research (V2)  
Department for 1month**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	H. K. College of Pharmacy	Mumbai University	8.25 CGPA
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	Sem I: 8.54 Sem II: 9  Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Development of Proniosomal gel for topical delivery**

### Description:

Proniosomes gels are vesicular drug delivery systems which can be easily prepared by adding the surfactant in minimal amount of an acceptable solvent namely ethanol or other suitable alcohol and later to form a gel incorporating minute quantity of aqueous phase. Proniosomal gels have structure similarities to that of liposomes and niosomes having bilayer, however, the excipients used for formulation make them more stable and provide many more advantages over them by reducing the physical stability of niosomes like leaking, fusion and aggregation and providing suitability in transportation, distribution, dosing and storage. They act as reservoirs of API and can also control release of drug. These lipid vesicle systems can encapsulate both hydrophilic and hydrophobic drug molecules. Drug X with low solubility and low permeability classified as class IV drug is incorporated in the formulation giving successful results of higher permeation.



## Shifa Shaukat Haju

**Contact Number: +91 7045602975**

**E-mail Id:  
shifahaju123@gmail.com**

**GPAT Score: 92**

**Summer Internship:**

**FDC Limited: Completed Inplant Training for 1month in Analytical Research & Development Laboratory in R&D Centre at Kandivali West, Mumbai.**

### Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	H. K. College of Pharmacy	Mumbai University	8.33 CGPA
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	Sem I: 8.38 Sem II: 9.15  Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and Development of Novel Buccal Drug Delivery System.**

### Description:

Buccal drug delivery, is the most suited route for local as well as systemic delivery of drugs. Drug X, which is used in treatment of hypertension. It shows low bioavailability due to high hepatic metabolism. Buccal mucosa anatomical and physiological features like presence of smooth muscles with high vascular perfusion, have direct access to the systemic circulation through internal jugular vein, which bypasses the drug from hepatic first pass metabolism and hence improve the bioavailability. Hence the present research work was undertaken to formulate buccal film with an objective to enhance therapeutic efficacy, patient compliance and the bioavailability. The main property of buccal film, is that due to large surface area of film, it allows quick hydration of film which accelerated drug absorption as compared to buccal tablet and buccal or oral gels. Design and formulation of buccal film, with the help of mucoadhesive polymer will enhance the flexibility of film and optimize the formulation.



# SAWANT RUTUJA PRADEEP

**Contact number: 9870588895**

**E-mail id:  
rutu0712@gmail.com**

**GPAT Score: 59**

**Summer Internship:**

**Organization Name: 'MEYER ORGANICS PVT.LTD'**

**Role & Responsibilities: To understand all departments of Formulation, Research & Development.Thane West for 1 Month**

## Education Qualifications

Qualification	Academic year	Institutions	University	Result
B.Pharm	2015-2019	KONKAN GYANPEETH RAHUL DHARKAR COLLEGE OF PHARMACY AND RESEARCH INSTITUTE, KARJAT	Mumbai University	6.76 CGPA
M.Pharm	2019-2021	H.K College of Pharmacy	Mumbai University	SEM 1: 7.23 SEM 2: 8.31  Sem 3 & 4 : Result awaited

## Thesis Work

**Title: Formulation and development of novel herbal skin preparation**

### Description:

Phytosomes forms link between the conventional and novel drug delivery system. They are the vesicles containing herbal extract surrounded by a lipid layer and the incorporation of phytosomes in to the gel, improves the penetration of herbal extract across the skin. The phytosomal formulation as a novel drug delivery has shown better and enhancing results with the combination of phospholipid and the other excipients. 'X' drug has shown better permeability to inhibit the fungal infection and the formulation was successfully, studied, prepared and evaluated by incorporating 'X' extract in the phytosomal gel formulation with potent and effective antifungal activity.

# Contact us :-

H K College of Pharmacy  
HK CAMPUS, Adj. Municipal School,  
Next to MHADA complex Relief road, Oshiwara,  
Jogeshwari (West), Mumbai – 400 102  
Maharashtra, India

Board line : +91 – 22 – 26788 462/ 2677 4588

Fax : +91 – 22 – 26790095

Email : [pharmacy.director@hkcp.edu.in](mailto:pharmacy.director@hkcp.edu.in)

Website : [www.hkcp.edu.in](http://www.hkcp.edu.in)



@ hkcp2018



@ H K College of Pharmacy



@ H. K. College of Pharmacy

# Top Recruiting Companies



MICRO LABS LIMITED

UMANG  
*encapsulation solutions*



SAIFEE HOSPITAL



IQVIA



Glenmark

Cipla  
*Caring for life*



UNICHEM  
LABORATORIES LTD.

Abbott



Cognizant

aishwarya  
lifesciences



Johnson & Johnson



LUPIN