



Hyderabad (Sind) National Collegiate Board's

**PRIN. K. M. KUNDNANI COLLEGE OF
PHARMACY, CUFFE PARADE,
MUMBAI**



Presents

A 5-Day Online Faculty Development Program on

EMERGING TRENDS IN DRUG ENGINEERING

30TH AUGUST 2021 TO 03RD SEPTEMBER 2021

Under the aegis of

**All India Council for Technical Education (AICTE)
sponsored AICTE Teaching and Learning (ATAL) Academy**

Interested participants should register through AICTE-ATAL
portal at the earliest as the FDP has a capacity of 200 participants

Link to register – <https://www.aicte-india.org/atal>

SCOPE

Drug engineering process comprises of all the activities involved in transforming a compound from drug candidate to a product approved for marketing by the appropriate regulatory authorities. New paradigms in drug discovery and development rely on new technologies. Keeping in view of National education policy, this faculty development program aims to upgrade knowledge, skills and intends to provide training to faculties so as to impart it to the students during the undergraduate and postgraduate program thereby contributing in making of self-sufficient India.

OBJECTIVES

- To inform about emerging trends in drug engineering for fostering research.
- To update on recent developments in drug discovery to develop skills.
- To provide insight in to drug regulatory affairs.
- To promote exchange of ideas to strengthen opportunities in various research domains.

TARGET AUDIENCE

Faculty members from all disciplines of Pharmaceutical sciences like Pharmaceutical chemistry, Pharmaceutics, Pharmacology and toxicology, Pharmaceutical analysis and Pharmacognosy.

Researchers engaged in drug discovery and development.

Faculty members from Lifesciences/ biotechnology/ engineering engaged in drug discovery.

OUTCOMES

This FDP will make faculties conversant with recent trends and developments in various fields of drug engineering and thus will help to bring about an enhancement in the academic and intellectual environment at respective institutions of the participating faculties. Participants will be awarded certificates on successful completion of the program.

ABOUT THE COLLEGE

Prin. K. M. Kundnani College of Pharmacy established in 1971 under the aegis of Hyderabad (Sind) National Collegiate Board, Mumbai, is a premier institute involved in imparting pharmaceutical education at the undergraduate and post graduate level. KMKCP offers Bachelors Masters and Doctoral programs of study in pharmaceutical sciences. KMKCP is recognized by AICTE, DTE, PCI, UGC with NBA accredited BPharm program. Faculty at KMKCP have been recipients of research grants from AICTE, DST, UGC, ICMR, DST-SERB and have also being recipient of research grants from industries since last many years.

The institute has initiated efforts to create the awareness of pharmacy profession in the areas of community & clinical pharmacy. The institute has developed collaborations with pharmaceutical industries in the areas of drug design, drug delivery systems, herbals, preclinical pharmacology and toxicology, analytical method development & regulatory affairs. The college has emerged as one of the leading and growing pharmacy education center in India and is committed to become a center of excellence in pharmaceutical education and research. This year, the College is celebrating its Golden Jubilee Year.

CONVENER

Dr. Urmila Joshi
Principal & Professor
of Pharm. Chemistry

COORDINATOR

Dr. Mrinal Sanaye
Associate Professor
of Pharmacology

CO-COORDINATOR

Dr. Rajani Athawale
Professor
of Pharmaceutics

ORGANIZING COMMITTEE

Dr. Purnima Hamrapurkar
Professor

Dr. Rita Lala
Associate Professor

Dr. Vandana Panda
Associate Professor

Dr. Swati Patil
Associate Professor

Dr. Meena Kanayalkar
Associate Professor

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Assistant Professor

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Assistant Professor

Mrs. Roopam Raut
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- The institute is permanently affiliated to the University of Mumbai, is approved by AICTE, DTE, PCI and UGC.
- The B. Pharm. course has been thrice accredited by National Board of Accreditation, New Delhi in 2000-05, 2009-12 and 2020-23.
- Nominated for Best Industry linked Pharma Institute in AICTE CII in 2019 and received AICTE CII Platinum grade from 2018-2020.
- NIRF ranking 2020 of institute is 73.



SCHEDULE

DAY 1 – 30 th Aug 2021	10:00 – 10:15 am	Inauguration
	10:15 – 10:30 am	Tea break
	10.30 – 12.30 pm	<i>Keynote address on “Innovation , Knowledge Transfer And Commercialization in the Academic Setup”</i> Professor. Anant Paradkar, Professor & Director Centre of Pharmaceutical Engineering, University of Bradford, UK
	12.30 to 1.30 pm	Lunch Break
	1.30 to 3.30 pm	<i>Mass Spectroscopy for Characterization of Biotherapeutics: Proteins, Oligosaccharides and Oligonucleotides</i> Dr. Dipak Thakur, Director-ACRNS Analytical Technologies
	3.30 to 5.30 pm	<i>Hot Melt Extrusion & Injection Moulding Technologies for Pharmaceuticals</i> Professor Adrian Kelly Professor, Centre of Pharmaceutical Engineering, University of Bradford, UK
DAY 2 - 31 st Aug 2021	9.00 to 11.00 am	<i>“Introduction to Process Development of Biosimilars”</i> Dr. Samir Kulkarni, Director, IIL, University of Mumbai, Mumbai
	11.00 to 11.15 am	Tea Break
	11.30 to 1.30 pm	<i>Role of Network Pharmacology in Drug Development</i> Dr. Rajesh Kumar Goel, Professor and Dean Faculty of Medicine at Punjab University ,Patiala.
	1.30 to 2.30 pm	Lunch Break
	2.30 to 4.30 pm	<i>Modulating Biopharmaceutical Properties through Crystal Engineering: An overview</i> Dr. Vandana Patravale, Professor of Pharmaceutics,, ICT, Mumbai
DAY 3 - 01 st Sept 2021	9.00 to 11.00 am.	<i>Advances in Pharmacological Screening Techniques</i> Dr. N. K. Subhedar, Visiting Faculty, Biology, ISSER, Pune
	11.00 to 11.15 am	Tea Break
	11.30 to 1.30 pm	<i>Kinase inhibitors :The Road Ahead</i> Dr. Urmila J. Joshi, Principal & Professor of Pharm.Chemistry, KMKCP,Mumbai
	1.30 to 2.30 pm	Lunch Break
	2.30 to 4.30 pm	<i>Translational research : Discovery to therapeutics</i> Dr. Sadhana Sathaye Professor of Pharmacology, ICT,Mumbai
DAY 4 - 02 nd Sept 2021	9.00 to 11.00 am	<i>Decentralized clinical trial</i> Dr. Ashok Ghone Vice President-Global Services with MakroCare, USA
	11.00 to 11.15 am	Tea Break
	11.30 to 1.30 pm	<i>Regulatory Approval Process in Drug Discovery</i> Mr. Pramod Dahibhate Senior Vice President, Regulatory Affairs, Lupin Limited, Mumbai
	1.30 to 2.30 pm	Lunch Break
	2.30 to 4.30 pm	<i>Applications of Green Procedures in Synthetic Chemistry</i> Dr. Kiron Jathar Vice Principal, R.D.National College, Bandra
DAY 5 - 03 rd Sept 2021	9.00 to 11.00 am.	<i>Green chemistry- Development of environmentally benign synthetic procedures for organic synthesis</i> Dr. Bhalchandra M. Bhanage Professor of Industrial & Engineering Chemistry ,ICT ,Mumbai
	11.00 to 11.15 am	Tea break
	11.30 to 1.30 pm	Mr. Varun Upadhyay Art of Living Teacher
	1.30 to 2.30 pm	Lunch Break
	2.30 to 4.30 pm	Exam
	4.30 to 5.00 pm	Valedictory Function