



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)



ORGANIZES

ONE DAY NATIONAL WEBINAR ON 'COMPUTER AIDED DRUG DESIGN: AN OVERVIEW'



18th September 2021



1:30 pm – 3:00 pm

Who can Attend?

- Industry Professionals
- Researchers
- Faculty Members
- PG Students
- UG Students

For any Query or more details

Contact: Mr. SURAJ GUPTA

Assistant Professor,

Mob: +91-7230023683

Email: suraj.gupta@ocp.edu.in

SPEAKER:



Prof. Prashant Kharkar is associated with Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology. He possess vast academic and industrial experience. His research areas include: Design,

Synthesis, Biological Evaluation and Preclinical development of New Chemical Entities (NCEs) as Therapeutic Agents; Study of Biofilm-Forming and Quorum-Sensing Inhibitors in Gram-Negative Bacterial Pathogens; Discovery of Potential Antitubercular Agents Targeting MtbGuaB2; Discovery of Novel Cancer Stem Cell (CSC) Inhibitors; Computational Prediction of Toxicity Properties of Small Molecules; Development of Novel Fluorescent Probes for Biomedical Applications. He has several research projects, consultancy projects and international publications to his credentials. He has conducted and attended several conferences, training programmes. He is a recipient of several prestigious awards and travel grants.

Last Date for Registration:

15th September

Social Media:



Website: www.ocp.edu.in/

- Registration is free but compulsory ([Link](#)) or scan the QR code
- E-certificates would be provided to all the registered participants





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About the Webinar:

Drug discovery is a very time consuming and fund draining process. Traditional drug discovery process involves a lot of synthetic and biological work. Computer Aided Drug Design (CADD) helps scientists in minimizing the synthetic and biological testing efforts by focusing only on the most promising compounds. Besides explaining the molecular basis of therapeutic activity, it also predicts possible derivatives that would improve the activity. Thus, Drug discovery and development process is being streamlined using computing power. Traditional experimentation which requires animal and human models can be replaced by CADD, saving both time and cost. CADD also leads to the construction of high-quality datasets and libraries that can be optimized for high molecular diversity or similarity. The main aim of this webinar is to make all attendees acquainted about the basic strategies used in Computer Aided Drug Design. It will also help us to acknowledge the application of CADD in modern drug discovery and development.

About OCP:



Oriental College of Pharmacy was established in 2004 by Late Prof. Shri Javed Khan, Founder of Oriental Education Society and is nurtured by dedicated efforts from Management, Principal and Staff of Oriental Education Society. The College is certified by ISO 9001:2008, recognized by AICTE, PCI and affiliated to University of Mumbai. The College offers B. Pharm. & M. Pharm. Program in three branches viz. Pharmaceutics, Quality Assurance & Pharmacology. It is also a recognized Ph. D. Centre for research in Pharmaceutics. Oriental College of Pharmacy is committed to provide conducive environment for overall academic and extracurricular development of students.

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| Chief | Mrs. Humera J. Khan | Mr. Waseem J. Khan | Dr. Azeem J. Khan |
| Patrons: | President, OES | General Secretary, OES | Treasurer, OES |
| Principal & Convener | Co-ordinator | | |
| Dr. (Mrs.) Sudha Rathod | Dr. (Mrs.) Nutan Rao, Associate Professor & Head, Dept. of Pharmaceutical Chemistry | | |
| Organizing Committee: | Dr. Amjad Ali (Asso. Prof) | Mr. Suraj Gupta (Asst. Prof) | |
| | Dr. Harish Kundaikar (Asst. Prof) | Dr. Manasi Gholkar (Asst. Prof) | |
| | Mr. Shoaib Ansari (Asst. Prof) | Ms. Swarnali Manick (Asst. prof) | |