



Progressive Education Society's
MODERN COLLEGE OF PHARMACY
Nigdi, Pune-44

INTERNATIONAL CONFERENCE

[Hybrid Mode]

PES's Modern College of Pharmacy (MCOP)

under the aegis of IQAC, MCOP, Nigdi

in collaboration with

The Association of Pharmacy Professionals (APP)



Indo-US International Conference

on

**"Unlocking Horizons in Global Multidisciplinary
Healthcare Research"**

Date: 10th to 12th March 2025



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www.mcop.org.in



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CHIEF PATRON

Dr. Prof. G. R. Ekbote

*Chairman, Business Council,
Progressive Education Society, Pune*



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Prof. Suhasini Itkar, Visitor, Modern College of Pharmacy, Nigdi, Pune

REGISTRATION COMMITTEE

Dr. Devendra L. Visokar

91-9096694212
✉ mcopconf25@gmail.com

SCIENTIFIC COMMITTEE

Dr. Bhushan Pimple

91-9970830030
✉ mcopsci25@gmail.com

ACCOMMODATION/TRANSPORTATION COMMITTEE

Dr. Amit Tapkir

91-9022890289
✉ mcoptr25@gmail.com

CONFERENCE PROCEEDINGS/ABSTRACTS

Dr. Anuradha More

91-9689907667
✉ mcopcpa25@gmail.com

CULTURAL EVENT

**Dr. Nikita Gaikwad
Dr. Prashant Pawar**

CONVENER

Dr. Pravin D. Chaudhari

Professor & Principal,
P.E.S. Modern College of Pharmacy, Nigdi, Pune - 411 044
Former President, APTI (Central)
Former Dean, Faculty of Pharmaceutical Sciences, SPPU, Pune.
Member, Academic Council, SPPU, Pune

ORGANIZING CHAIRMAN

Dr. Smita S. Pimple

Professor,
Dept. of Pharmaceutics
P.E.S. Modern College of Pharmacy, Nigdi, Pune - 411 044

ORGANIZING SECRETARY

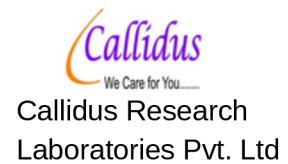
Dr. Vitthal V. Chopade

Professor,
Dept. of Pharmaceutical Chemistry
P.E.S. Modern College of Pharmacy, Nigdi,
Pune - 411 044

Dr. Somdatta Y. Chaudhari

Associate Professor,
Dept. of Pharmaceutical Chemistry
P.E.S. Modern College of Pharmacy, Nigdi,
Pune - 411 044

OUR COLLABORATORS



About College

Modern College of Pharmacy, established in 1998 by the Progressive Education Society in the bustling industrial area of Yamunanagar, Nigdi, is a premier institution recognized for its excellence in pharmaceutical education and research. Approved by the Government of Maharashtra, AICTE, and PCI, the college boasts a permanent affiliation with Savitribai Phule Pune University and accreditation by NBA & NAAC with an impressive A+ grade and a CGPA of 3.47. The college offers a wide range of programs including B. Pharmacy, Pharm. D, M. Pharmacy in various specializations, and Ph.D. in Pharmaceutical Sciences. Notably, it has consistently ranked within the top 100 colleges in the NIRF pharmacy category for the past six years and consecutively received the Platinum Grade Rank by the CII survey for the last five years. In 2015-2016, it was named the "Best College in Professional Colleges' Category" by Savitribai Phule Pune University. Recently, the college has proudly embraced an Autonomous status granted by UGC, further enhancing its educational offerings and standing. In the latest IIRF 2024 Health Sciences Ranking, we achieved a National Rank of 64 and a State Rank of 9, affirming its position as a leader in pharmaceutical education.

About Conference

Pharmaceutical sciences combine scientific aspects that are critical in the development and manufacture of new drugs, handling of medicines and medical devices. In the most basic sense, drug design involves the design of molecules that are complementary in shape and charge to the biomolecular target with which they interact and therefore will bind to it. Artificial intelligence (AI) is a field of study that involves the development of computer systems that can perform tasks that normally require human intelligence. By leveraging machine learning algorithms, AI enables faster and more accurate identification of drug candidates. The integration of AI has streamlined tasks such as protein-ligand docking, molecular dynamics simulations, virtual screening, and de novo drug design. The technology promises scientific advancement in many sectors such as medicine, consumer products, energy, materials, and manufacturing. Pharmacy uses the knowledge derived from pharmacology to achieve optimal therapeutic outcomes through the appropriate preparation and dispensing of medicines. Medicinal Chemistry is the science that deals with the discovery or design of new therapeutic chemicals and their development into useful medicines. Pharmaceutics and Pharmaceutical Technology is concerned with the design and formulation of drugs into different dosage forms. In the present conference, pharmaceutical experts from international and national universities and other organizations will address on diverse aspects related to drug design, AI and pharmaceutical technology.

Speakers

WELCOME SPEECH



PROF. RAJIV DAHIYA

Organizing Chairman & President
APP Ex-Director, School of Pharmacy,
The University of the West Indies, St. Augustine,
Trinidad & Tobago, West Indies.



DR. SIMONE FAYE WALCOTT

Vice President, APP West Indies
International Branch, Department of
Chemistry, Faculty of Science &
Technology, The University of the West,
Indies, Trinidad & Tobago



DR. ALEKHA K. DASH

President, APP American International
Branch, Associate Dean (Research) &
Professor, Department of Pharmacy
Sciences, School of Pharmacy and Health
Professions, Creighton University, Omaha,
Nebraska, USA

RESOURCE PERSONS



DR. SOMNATH SINGH

Professor, Department of Pharmacy
Sciences, School of Pharmacy and
Health Professions Creighton University,
Omaha, Nebraska, USA



DR. JAVED ALI

Professor & Head, Dept. of
Pharmaceutics, School of Pharm.
Education & Res., Jamia Hamdard, Delhi



DR. GAURAV GUPTA

Adjunct Research Professor, Centre of
Medical and Bio-allied Health Sciences
Research Ajman University, Ajman, UAE



DR. VIJAY MASAND

Professor, Department of Chemistry, Vidya
Bharati Mahavidyalaya, Amravati.
(Developer: PyDescriptor)

**For detailed topics and scientific schedule, please visit our official website.*

Registration

The conference is mainly for the teachers, PG & PhD scholars from various institutes, research laboratories, and industries of pharmaceutical, medical, Ayurvedic, biotechnological, and other streams of the healthcare profession. The registration fees are Rs 1500/- (non-refundable). The registration fee includes a registration kit, bag, gifts, breakfast, lunch, access to all sessions and Hi-tea. Offline enrolment is restricted to 200 participants (on a first-come, first-serve basis). Accommodation will be charged extra. **Last date for registration: 25-02-2025.**
Website link: <https://webbexindia.com/mcop>

Poster / Oral Presentation

- Abstracts are invited for poster/oral presentation (online/offline).
- The last date to submit of structured abstracts not exceeding 250 words as per the template given on the website is on or before 25-02-2025 through the website.
- The presenting author will have to register as a participant before submission of an abstract.
- A certificate of presentation/participation will be given to the presenting author and registered participants only.
- The poster size must be 1.0 mt. X 1.0 mt. and the time for each presentation is 5 min., followed by 2 min. for discussion.
- Full-length articles selected from abstracts will be published as conference proceedings in the Bulletin of Pharmaceutical Research, [ISSN: 2249-6041 (Print); ISSN: 2249-9245 (Online)]

Program Schedule

Day-1 [Hybrid Mode]

Monday, 10 March 2025

- 09.00 am to 10.00 am: Registration, Breakfast and Tea
- 10.00 am to 11.00 am: Inauguration & Key address
- 11.00 am to 12.00 pm: Scientific Session I
- 12.00 pm to 01.00 pm: Scientific Session II
- 01.00 pm to 02.00 pm: Lunch Break
- 02.00 pm to 04.00 pm: Oral & Poster Presentation
- 04.00 pm to 04.30 pm: Hi-Tea
- 05.00 pm to 06.30 pm: Cultural Event

Day-2 [Online Mode]

Tuesday, 11 March 2025

- 09:00 am to 09.30 am: Welcome Address
- 09.30 am to 10.30 pm: Scientific Session I
- 10.30 pm to 11.30 pm: Scientific Session I
- 12.30 pm onwards: online oral presentation

Day-3 [Online Mode]

Wednesday, 12 March 2025

- 10.00 am to 03:00 pm: Online oral presentation
- 03.00 am to 04.00 pm: Valedictory function & Award distribution (Online)

Venue of Conference



ADDRESS

Ga Di Madgulkar Sabhagruha
Sambhaji Chowk, near PMRD Building,
Sector No. 26, Pradhikaran, Nigdi,
Pimpri-Chinchwad, Maharashtra 411044