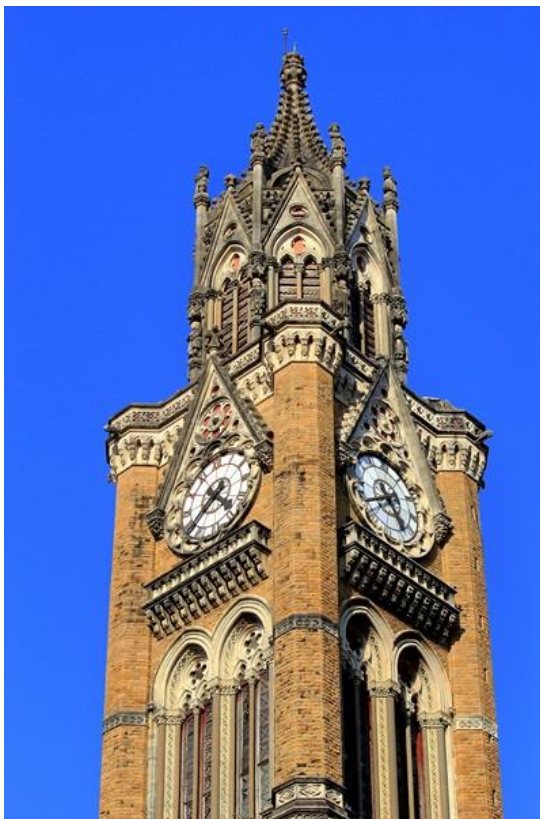


INTERNATIONAL CONFERENCE ON UNIVERSAL DEVELOPMENTS IN CHEMISTRY (UDC-2025)

December 19th and 20th, 2025

Theme: Science and Technology for Vikasit Bharat



Organized by

Department of Chemistry

(Autonomous)

University of Mumbai

Vidyanagari, Santacruz (East)

Mumbai-400 098

INDIA

Website: <http://chem.mu.ac.in>

WELCOME NOTE

The Department of Chemistry (Autonomous), University of Mumbai, warmly welcomes scientists, researchers, academicians, students, professionals, and industry experts to the two-day International Conference on Universal Developments in Chemistry (UDC-2025), scheduled to be held on 19th and 20th December 2025 in offline mode at the University campus.

The theme of the conference, “Science and Technology for Viksit Bharat,” resonates with the national vision of transforming India into a developed nation by 2047. In alignment with this goal, UDC-2025 will serve as a vibrant platform for academic discourse and industrial dialogue, led by eminent scientists and experts from across the globe. The conference aims to showcase how advances in chemical sciences can accelerate technological innovation, enable sustainable development, and contribute to societal progress—paving the way for a self-reliant and scientifically empowered India.

Scientific sessions will explore emerging trends and state-of-the-art research across a broad spectrum of chemical sciences, including:

- Polymer Chemistry
- Green Chemistry
- Organometallics Chemistry
- Synthetic Chemistry
- Colloidal Chemistry
- Chiral Chemistry
- Optoelectronic Chemistry
- Nuclear Chemistry
- Analytical Chemistry
- Circular economy
- Coordination Chemistry
- Materials for sustainable Development.
- Pharmaceutical Chemistry
- Functional Organic Materials
- Nanochemistry
- Computational & Theoretical Chemistry
- Supercapacitor material
- Artificial Intelligence in Chemistry
- Sensors
- Metal Organic Framework
- Environmental Chemistry
- Liquid Solar Fuels
- Physical Chemistry
- Click Chemistry
- Inorganic Chemistry
- Organic Chemistry
- Industrial and Applied Chemistry
- Indian Knowledge System

Supramolecular Chemistry Aligned with the transformative vision of the National Education Policy (NEP) 2020, UDC-2025 emphasizes multidisciplinary, research-driven, and globally integrated education. The conference seeks to foster a spirit of scientific inquiry, promote critical and creative thinking, and strengthen linkages between academia, industry, and international institutions. The conference further supports NEP 2020 focusing on holistic education, experiential learning, and the integration of cutting-edge technology in teaching and research.

We look forward to your active and enthusiastic participation in UDC-2025, making it a vibrant, inclusive, and impactful event that contributes meaningfully to India's aspiration of becoming a knowledge-based, innovation-led, and developed nation.

OBJECTIVES AND SCOPE OF THE INTERNATIONAL CONFERENCE

Chemical sciences play a pivotal role in developing innovative materials and sustainable technologies to address global challenges in energy, environment, health, and food security. The primary objective of UDC-2025 is to foster collaboration and exchange of ideas among students, researchers, academicians, scientists, and industry professionals from across the globe.

This international conference aims to:

- Facilitate knowledge sharing on recent advancements and future directions in chemical sciences.
- Promote interdisciplinary research and academic–industry partnerships.
- Encourage innovation and sustainable solutions for real-world problems.
- Provide a platform for young researchers to present their findings and network with global experts.
- To explore innovative ideas of master's and research students
- To facilitate entrepreneurship
- To develop an industry-academia relationship

The event will feature:

- Plenary Lectures
- Invited Talks
- Industry-academia panel discussion
- Oral and Poster Presentations
- Interactive Q&A Sessions
- Networking Opportunities
- E-Certificates for All Participants

Abstract Submission

- **Abstracts** for oral or poster presentation (not exceeding 200 words) must be submitted in MS Word format.
- **Format:** A4 size, 25 mm margins, 1.5 line spacing, Times New Roman 12 pt font. Title in bold, authors' affiliations, and presenter marked with an underline.
- **Deadline:** 5th December 2025
- Acceptance notifications will be sent via email by **6th December 2025**.

IMPORTANT DATES:

Abstract Submission	:	5 th December 2025
Intimation of selected Paper	:	6 th December 2025
Registration of participants along with registration fee	:	13 th December 2025

REGISTRATION

All participants of the International Conference on *Universal Developments in Chemistry (UDC-2025)* are required to complete their registration before the specified deadline. Following is the registration link for the same:

<https://forms.gle/r2CAZRDrNzJUhUoG6>

REGISTRATION FEES

Students	Rs. 800/-
Delegates from Universities/Educational/ Research Institutions	Rs. 1000/-
Delegates from Industries	Rs. 1500/-
Foreign delegates	USD 250

ACCOMMODATION

Accommodation for delegates will be arranged in the University guest houses/hostels and the nearby hotels on an actual payment basis. The request for the same along with the advance payment should be sent **13th December 2025**.

UPDATES ABOUT THE CONFERENCE

The detailed program and other updates about the national conference will be made available on the web site:
<http://chem.mu.ac.in>

ABOUT THE UNIVERSITY DEPARTMENT OF CHEMISTRY

The University Department of Chemistry, University of Mumbai, established in the year 1967, conducts two-year post-graduate courses and Ph. D. degrees in Organic, Inorganic, Physical, Analytical and Industrial Polymer Chemistry. The Department has been granted autonomous status from the academic year 2009–2010.

The department has many research projects from the various national and international funding agencies. The department also actively contributes to the ANRF-PAIR, UGC–UPE, DST–PURSE and DST-FIST granted to the University by the Department of Science & Technology, New Delhi.

ABOUT THE UNIVERSITY OF MUMBAI

The University of Mumbai (known earlier as University of Bombay) is one of the oldest and premier Universities in India. It was established in 1857 consequent upon "Wood's Education Dispatch", and it is one amongst the first three Universities in India.

The profile of this University carved out in 150 years of its functioning attests to its manifold achievements as the intellectual and moral powerhouse of society. The University has always given its best to the country in general and to the city of Mumbai in particular by enthusiastically shouldering an ever-growing load of social values and opportunities.

The University has two campuses of area 230 acres and 13 acres, with 1.25 million square feet of built-up area, 22 thousand sq. feet of classrooms and 84 thousand sq feet of laboratory space. It has two post-graduate centers, 750 affiliated colleges and 58 Departments. It has established its name in industrial collaborations and runs various professional courses.

ABOUT THE CITY OF MUMBAI

Mumbai, which was previously known as Bombay is a major metropolitan city of India. It is the state capital of Maharashtra. Mumbai city is known as the business capital of India, it being the country's principal financial and communications centre. The city has the largest and the busiest port handling India's foreign trade and a major International airport.

Mumbai is part of India's beautiful west coast that runs down from Gujarat, through Mumbai to Goa, Karnataka and Kerala. It is a group of seven islands in the Arabian Sea, which lies off the northern Konkan coast on the west of Maharashtra state in India. These seven islands, which were once separated by creeks and channels were filled and bridged over the years by the inhabitants.

Sight Seeing

There are several popular sightseeing locations in and around Mumbai. Some of these are: Gateway of India, Flora Fountain (Hutatma Chowk), Haji Ali, Kamala Nehru Park & Hanging Garden, National Park, Canheri caves, Essel World, Mahalaxmi Temple, Mount Mary Church, Mahalaxmi Race Course, Nehru Planetarium and Science Centre, The Prince of Wales Museum, Taraporewala Aquarium, Victoria Gardens (VeermataJeejabai Bhonsle Udyan), Juhu Chowpatty, Manori, Erangal and Gorai Beaches, Elephanta Caves (30 minutes by launch from Gateway of India. The hill stations Lonavala, Khandala and Matheran are about 100 – 120 km from Mumbai by rail/road. The land marks can be identified in the enclosed Mumbai map.

Climate

The weather in Mumbai during the month of September is generally warm and humid, with daytime temperatures ranging between **28°C and 32°C**, and nighttime temperatures between **24°C and 27°C**. Occasional rainfall may occur as the monsoon season tapers off.

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- Dr. A.S.Aswar, Amravati University, Amravati

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