

## Call For Abstracts

APM-2025 welcomes high quality, cutting edge research articles in the relevant areas from academia, R&D organizations and industries to discuss their innovative ideas in line with the conference theme. The conference invites abstracts in the form of oral and poster presentations. Participants are requested to submit one page abstract (350 words) emphasizing their research objectives, results and outcomes.

The abstracts for Oral presentations should be in Arial (A4) and must be prepared as per the following format mentioned below.

✓ Title should be in bold in with font size of 16.

✓ Author name (s) and affiliation in the subsequent lines as central alignment with font size of 14 and 12 respectively.

✓ The presenting author should be underlined with Email-ID in italics (Font size of 12).

✓ The text of Abstract should be in font size of 12 and line spacing of 1.5 along with 3-5 keywords

✓ The general guideline/ template for abstract can be downloaded from <https://www.cipetapm2025.com>

✓ Abstract should be submitted at conference website

<https://www.cipetapm2025.com>

✓ Acceptance of abstracts will be intimated through e-mail after scrutiny by subject experts & selected papers will be published in conference proceedings.

## Poster Presentation

The poster session is proposed to highlight the R&D activities in various fields of polymer science, petrochemicals and its allied areas. The best posters shall be awarded with prizes. A committee comprising of eminent scientists will make its decision on the best posters presented in the conference.

✓ The poster should be in English with portrait orientation (A1) size 23.4 x 33.1 inches and submitted online in Portable Document Format (.pdf) at website: <https://www.cipetapm2025.com>

✓ The poster title followed by name and affiliation of author(s) should be placed at the top.

✓ The presenting author should be underlined with Email-ID in italics.

✓ All diagrams and paragraphs should be neatly prepared and legible.

✓ Different colors and textures/ symbols should be used for each line bar contained in the graph/ chart.

✓ The posters shall be printed at the author's end.

## Registration Instructions

Please make sure in which category you can apply for registration. Fee should be paid in advance prior to registration.

DD/NEFT/UTR No./UPI details should be filled into the registration form. In case of any query, feel free to contact us.

## Important Dates

Last date of abstract submission	10.02.2025
Acceptance of abstract	15.02.2025

## Objective of The Conference

✓ To advance technological understanding in Petrochemical Science and its allied areas through extensive interaction among academicians, researchers, technologists, and policymakers.

✓ To bring together research communities on a common platform to disseminate novel findings, knowledge, and ideas aimed at sustainable development.

✓ To facilitate interactive and participatory discussions that will inspire innovative solutions to address future needs and demands in the thematic areas.

✓ To create collaborative links between academia, industry, and professional practitioners for the long-term sharing of knowledge and addressing current issues.

## APM 2025 – Thematic Area

### •Advances in Downstream Processing:

Optimizing efficiency and sustainability in refining and petrochemical sectors.

### •Next-Generation Catalyst Technologies:

Cutting-edge innovations for boosting catalytic performance and economic outcomes.

### •CO2 Reduction Strategies:

Technologies and methods to minimize emissions in petrochemical operations.

### •Biomass Processing and Integration:

Tackling fuel quality, blending challenges and incorporating biomass in energy production.

### •Smart Petrochemical Production:

Leveraging digital technologies and automation for enhanced production efficiency.

### •R&D in Refining and Petrochemicals:

Ground-breaking Research & Development for shaping the Industry's Future

### •Blends, Alloys and Composites:

Revolutionizing applications in emerging sectors.

### •High-Performance Polymers:

Customizing solutions for high-end applications.

### •Smart Materials:

Offering sustainable alternatives to existing non-renewable resources

### •Sustainable & Green Chemistry:

Promoting sustainability, prosperity, and equity.

### •Nanotechnology Integration:

Design, Development and Simulation of Nano Technology World

### •Thin films & Coatings:

Newer attributes for potential applications

### •Recycling Technology and Circular Economy:

Renew, Revive & Restart.

### •Emerging Technology for Waste Management:

Innovative & Economical Recycling Strategies.

### •Bio-based and Bio-degradable Polymers:

Shaping the future of eco-friendly materials for a greener planet.

### •Energy Harvesting Materials:

Enhancing efficiency in renewable energy applications.

### •3D Printing and Additive Manufacturing:

Transforming production through innovative materials and processes.

### •Electroactive Polymers:

Creating intelligent systems with shape memory and sensory capabilities.

### •Artificial Intelligence & Machine Learning:

Driving innovation in polymer design and discovery.

## LUCKNOW

Lucknow, the capital city of the northern Indian state Uttar Pradesh, is renowned for its rich cultural heritage, historical significance, and culinary delights. Here are some of the unique aspects that makes Lucknow special : Nawabi Culture, Architecture, Cuisine, Chikankari, Music & Poetry, Festivals & Tehzeeb. Overall, This unique aspects makes Lucknow a city with a distinct charm and allure, attracting visitors from far and wide.



**By Train:** Lucknow is well-connected by train with major cities across India. You can arrive at Lucknow Railway Station (LKO) and then take a taxi or a cab to reach CIPET Lucknow. The institute is situated in the Amausi Industrial Area, which is approximately a 20-30 minute drive from the station.



**By Air:** If you are arriving by flight, you can land at Chaudhary Charan Singh International Airport (LKO) in Lucknow. From there, CIPET Lucknow is located in the Amausi Industrial Area near the airport. You can take a taxi or a cab from the airport to reach the institute, which is approximately a 10-15 minute drive depending on traffic.



**Nearest Metro Station:**  
**Amausi**



**By Road:** If you are travelling by bus, you can reach Lucknow's main bus terminal, Alambagh Bus Stand, and then take a taxi or a cab to CIPET Lucknow in the Amausi Industrial Area.

**VENUE:**  
**CENTRAL INSTITUTE OF PETROCHEMICALS  
ENGINEERING & TECHNOLOGY (CIPET):IPT, Lucknow**  
B-27, Amausi Indl. Area, Lucknow 226008.



# APM-2025

16<sup>th</sup> INTERNATIONAL CONFERENCE

On

**Advancement in Petrochemical Sector  
&  
Empowering Sustainable Development  
leading to "Viksit Bharat"**

**MARCH - 2025**



Supported by:



Department of Chemicals & Petrochemicals  
Ministry of Chemicals & Fertilizers  
Government of India

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**Organised by:**  
**CENTRAL INSTITUTE OF PETROCHEMICALS  
ENGINEERING & TECHNOLOGY (CIPET):IPT, Lucknow**  
B-27, Amausi Indl. Area, Lucknow - 226 008.  
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Website : <https://www.cipetapm2025.com>



## PROSPECTIVE ATTENDEES

- Research Scholars/M.Tech/M.Phil/M.Sc./B.Tech/Diploma Students.
- Faculties and Delegates from Academic Institutions.
- Delegates from Industries/R&D Organization.

## ADDITIONAL HIGHLIGHTS

- The awards and participation certificates shall be conferred during the Valedictory Ceremony.
- Lunch and refreshments shall be extended to all registered attendees for the entire 03 Days of conference.

## REGISTRATION FEES

- Students (M.Tech/M.Phil/M.Sc./B.Tech/Diploma) : Rs. 2000/-
- Research Scholars : Rs. 3000/-
- Faculties and Delegates from Academic Institutions : Rs. 5000/-
- Delegates from Industries/R&D Organization : Rs. 6000/-
- Foreign Delegates : USD250

All payments are to be made through Cheque/Demand Draft/NEFT/RTGS/UPI in favour of "CIPET Lucknow"

- Account No. : 120028045802
- Bank Name & Address : Canara Bank, Sarojini Nagar, Lucknow
- IFSC Code : CNRB0005318
- GSTIN : 09AAAC0606R1ZN



## CONTACT DETAILS

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## SPONSORSHIP

Esteemed experts, executives, and entrepreneurs representing the broad spectrum of polymer and product development will grace this conference with their presence. As a sponsor of this esteemed gathering you will have the opportunity to showcase your company's innovative products along with establishing B2B connections with esteemed clients and key figures within the industry.

Platinum	Rs. 20,00,000/-	(5 free delegates + 1 inside colour page)
Diamond	Rs. 15,00,000/-	(4 free delegates + 1 inside colour page)
Gold	Rs. 10,00,000/-	(3 free delegates + 1 inside colour page)
Silver	Rs. 5,00,000/-	(2 free delegates + 1 inside colour page)

Sponsor's logo will be displayed in banner, conference kit & website.

## Advertisement in Souvenir:

- Full Page Inside Colour : Rs.1,00,000/
- Full page inside B/W or Half page inside colour : Rs.50,000/-
- Half page inside B/W Quarter page inside colour : Rs.25,000/-

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- Chemicals & Petrochemicals Manufac. Assoc. (CPMA)
- All India Plastics Manufacturers Assoc. (AIPMA)
- Indian Plastics Institute (IPI)
- Plastics Manufacturers Association U.P.

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- Department of Biotechnology (DBT)
- Council of Scientific & Industrial Research (CSIR)
- All India Council for Technical Education (AICTE)
- Defence Materials and Stores Research & Development Establishment (DMSRDE)
- Environment Forest & Climate Change, Govt. of U.P.

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## ABOUT CIPET

Established in 1968 by the Government of India with support from the United Nations Development Programme (UNDP) in Chennai, Central Institute of Petrochemicals Engineering & Technology (CIPET), formerly known as the Central Institute of Plastics Engineering & Technology (CIPET), aimed to address the shortage of skilled manpower in the field of Plastics Engineering & Technology. Today, CIPET stands as a premier academic institution for higher and technical education, operating under the Ministry of Chemicals & Fertilizers, Government of India.



The CIPET:IPT Centre in the state of Uttar Pradesh was founded in Lucknow during the period of 1986- 87. Located in the "Amasai Industrial Area" near the airport, the center occupies an expansive area of 6.5 acres and boasts state-of-the-art infrastructural amenities. It is dedicated to various aspects of Plastics, including Design, CAD/CAM/CAE, Tooling & Mould Manufacturing, Production Engineering, Testing, and Quality Assurance apart from Academics, Skilling & Research.

## APM SERIES - THE SUCCESS SAGA

Over the years, APM has fostered vibrant exchange of ideas, engaging B2B interactive sessions, and dialogues on socio-economic solutions. It has also explored emerging research trends, innovative design concepts, and simulation techniques. Launched in 2010, the APM series was conceived as a crucial platform aiming for cultivating technological networking within the realm of Petrochemicals Science and its related applications. Moreover, it has delved into forthcoming research trends, innovative design concepts, and simulation techniques. The series has been instrumental in nurturing international collaborations, forging industrial partnerships, and fostering academic networking. Embracing a multi disciplinary approach, APM has notably expanded CIPET's research horizons recognizing the importance of contemporary issues such as plastic waste management, sustainable polymers, and the advancement of environmentally friendly materials, technologies leveraging artificial intelligence and machine learning, the upcoming Series, APM 2025, Focuses on the theme "Advancement in Petrochemical Sector & Empowering Sustainability Development leading to Vikasit Bharat". The dedicated sessions within the conference aims to provide new insights into globally significant topics for exploring practical and feasible solutions. Noteworthy keynote speakers, comprising esteemed academicians, researchers, and scientists will grace the event. Additionally, the conference will feature contributed oral papers and poster presentations.