

## KEYNOTE SPEAKERS



**Prof. Sabu Thomas**  
Vice Chancellor  
MG University, Kerala



**Prof. G. U. Kulkarni**  
Professor  
JNCASR, Bengaluru



**Prof. Rajan Jose**  
Sr Professor  
Universiti Malaysia  
Pahang



**Dr. Asit Das**  
Head  
Refinery R&D  
RIL



**Prof. Vamsi Y**  
Professor  
Virginia  
Commonwealth  
University

## INVITED SPEAKERS

**Dr. K. Tejasvi**  
Scientist, ASL/DRDO, Hyderabad

**Dr. A. Venugopal**  
Chief Scientist, CSIR-IICT, Hyderabad

**Dr. G. Arthanareeswaran**  
Professor and Head, Chemical Engg Dept, NITT

**Prof. Raghuram Chetty**  
Professor, IIT Madras

**Dr. Sumana Chenna**  
Chief Scientist, CSIR-IICT, Hyderabad

**Dr. Vinod Janardhanan**  
Professor, IIT Hyderabad

**Dr. P. V. Suresh**  
Professor, NIT Warangal

**Prof. Tanmay Basak**  
Professor, IIT Madras

**Prof. Mudrika Khandelwal**  
Associate Professor, IIT Hyderabad

## Hands-on Workshop on Analysis of Chemical Engineering Processes using ANSYS Chemkin Pro

**Date: 6th February 2026**

**CADFEM**

**Organizer:**

**Prof. Vikranth Kumar Surasani**



- **Workshop Agenda:** Topics include fuels and hydrogen combustion (autoignition, flame analysis, emissions, and soot formation), multiphase processes in urea decomposition, reactor network analysis for coal gasification, and advanced material processes such as chemical vapour deposition.
- **Limited seats available. Registration and other details will be updated on website soon.**



### BITS-Pilani HYDERABAD Campus

Nestled amidst serene surroundings, BITS Pilani, Hyderabad Campus, blends academic rigor with innovation. With world-class research infrastructure, a strong entrepreneurial ecosystem, and a collaborative spirit, the campus offers a perfect setting for meaningful scientific exchange and networking.



## 3<sup>rd</sup> International Conference on Novel Materials and Technologies for Energy and Environment Applications (NMTE<sup>2</sup>A)

**Theme: "Empowering Energy, Enabling  
Sustainable Materials for a net-zero  
tomorrow"**

**Dates: 7th and 8th February, 2026**



**BITS-Pilani Hyderabad Campus, Hyderabad,  
Telangana, India.**

### ABOUT THE CONFERENCE

BITS Pilani, Hyderabad Campus invites students, researchers, and professionals from academia and industry to participate in the International Conference on Novel Materials and Technologies for Energy and Environmental Applications (NMTE<sup>2</sup>A-2026). NMTE<sup>2</sup>A-2026 aims to bring together interdisciplinary communities of material scientists, engineers, and researchers to exchange ideas, share recent advances, and foster collaborations in addressing global challenges in energy and environmental sustainability. The conference will focus on the fundamental principles and emerging technologies driving innovations toward a net-zero future. The event will feature invited talks, oral and poster presentations from delegates representing academia, R&D organizations, and industry. Discussions are also underway with leading journals regarding potential publication opportunities for selected conference contributions.

**For registration and additional  
information, visit or scan QR:**

<https://www.bits-pilani.ac.in/nmte2a-2026/>

**Contact: [nmte2a@hyderabad.bits-pilani.ac.in](mailto:nmte2a@hyderabad.bits-pilani.ac.in)**



## Department of Chemical Engineering, BITS-Pilani, Hyderabad Campus

The Department of Chemical Engineering at BITS Pilani, Hyderabad campus, is committed to developing new talents, leaders, researchers, and entrepreneurs who can bring high-level value addition to the Chemical and Allied industries. Our mission is to drive excellence in Chemical Engineering education and training, thereby creating a common platform for connecting academia and industry through the exchange of knowledge. The department offers robust programs in three tiers of Chemical Engineering, namely Bachelor's (B.E.), Master's (M.E.), and PhD. We train our students in key areas of research to address global issues as part of our curriculum. We have well-equipped state-of-the-art laboratories for students to gain extensive practical knowledge. The department received over 10 Cr in external grants from funding agencies such as DST, GAIL, Rubamin, UL Solutions, Rocketsan, etc. Furthermore, the department received DST-FIST level-1 funding and was a member of DST-PURSE projects worth 1.35 Cr and 23.4 Cr, respectively. The department has been ranked 301-350 globally according to QS World University Rankings 2024.

### CONFERENCE HIGHLIGHTS

- Pre-Conference Workshop on ANSYS Chemkin:** A hands-on workshop will be conducted prior to the conference on 6th February, focusing on ANSYS Chemkin — a leading tool for modeling and simulating chemical kinetics and reacting flows.
- Keynote and Invited Talks:** Distinguished speakers will deliver lectures showcasing future directions in materials and technologies.
- Industry-Focused Sessions:** Interactive sessions led by industry experts will highlight the translation of advanced materials research into commercial technologies.
- Oral and Poster Presentations:** Delegates will present their recent research through oral and poster sessions.
- Best Presentation Awards:** Excellence in research communication will be recognised through the Best Oral Presentation and Best Poster Presentation awards.
- Publication Opportunities:** Discussions with prominent journals such as Journal of Solid State Electrochemistry, ChemNanoMat, Particle & Particle Systems Characterization, are currently underway regarding potential publication opportunities.

## THEME AREAS

(Not limited to)

- **AI/ML in Materials and Energy**
- **Carbon Capture and Utilization**
- **Fuels and Hydrogen**
- **Advanced Functional Materials**
- **Bio-Based Materials**
- **Electrochemical Systems**
- **Recycling and Circular Economy**
- **Modelling and Simulation**

and other fields of chemical, materials science and applications.

### IMPORTANT DATES

<b>Abstract Submission Ends</b>	<del>15 Dec 2025</del> 31 Dec 2025
<b>Early Bird Registration Ends*</b>	<del>15 Dec 2025</del> 31 Dec 2025
<b>Registration Ends</b>	<del>31 Dec 2025</del> 15 Jan 2026

### REGISTRATION FEES

Category	Indian Author	Foreign Author
<b>UG/PG Student</b>	₹ 3000*	\$ 100*
	₹ 3500	\$ 150
<b>PhD/ Postdoc</b>	₹ 4000*	\$ 200*
	₹ 4500	\$ 300
<b>Faculty</b>	₹ 6000*	\$ 200*
	₹ 7000	\$ 300
<b>Industry Delegate</b>	₹ 8000*	\$ 500*
	₹ 8500	\$ 650
<b>Accompanying Person</b>	₹ 3000*	\$ 150*
	₹ 3500	\$ 250

## CONFERENCE COMMITTEE

### CHIEF PATRON

**Prof. V. Ramgopal Rao**

Vice-Chancellor, BITS-Pilani

### PATRONS

**Prof. Soumyo Mukherji**

Director, BITS-Pilani, Hyderabad

**Prof. P. Yogeeswari**

Dean, Administration, BITS-Pilani, Hyderabad

### CHAIRPERSON

**Prof. Nandini Bhandaru**

Head, Chemical Engineering, BITS-Pilani, Hyderabad

### CONVENERS

**Prof. Afkham Mir**

**Prof. Srikanta Dinda**

**Prof. Balaji Krishnamurthy**

### ABSTRACT SUBMISSION

The presenters should submit their paper with Times New Roman, 12 point font in Microsoft Word document

**Click here: [Abstract Template](#)**



### ACCOMODATION

Campus hostels may be provided to the students subject to availability. Nearby hotels are available on payment basis.