



First

## International Conference on Recent Innovations in Advanced Materials (ICRAM 26)

Organized by the Department of Chemistry,  
School of Advanced Sciences, VIT-AP University

in association with Institute of Physical Sciences, National Autonomous University of Mexico (ICF-UNAM), Mexico and  
Institute of Environmental Toxin and Emerging Contaminant, Cheng Shiu University, Taiwan

Date: July 8-10, 2026

Website: <https://icram.vitap.ac.in>

Mode: Hybrid

### About the conference

ICRAM 26, the first International Conference on Recent Innovations in Advanced Materials, aims to provide a strong platform for exchanging scientific knowledge, discussing breakthroughs, exploring new developments, and fostering collaborations among national and international researchers, academicians, and industry professionals in the field of advanced materials. Research scholars, postdoctoral researchers, faculty members, and industrialists from around the world will present the latest advancements in their work, offering the scientific community a vibrant forum to recognize, harness, and celebrate the spirit of research and innovation. The conference particularly seeks to inspire young researchers and emerging scientists, encouraging cross-disciplinary engagement and the sharing of ideas across diverse areas of materials research. The technical sessions of the conference feature plenary, keynote, and invited lectures, along with oral and poster presentations delivered by eminent professors, scientists and scholars from across the

### Conference Themes

#### Materials Design, Synthesis, and Properties

- Advanced material synthesis
- Material structures and defects
- Physicochemical properties of emerging materials
- Advanced characterisation techniques (Microscopic, spectroscopic, diffraction)
- Device fabrication techniques

#### Energy and Sustainable Materials

- Materials for energy storage and conversion
- Hydrogen generation and storage materials
- Photovoltaic materials
- Optoelectronic materials
- Semiconductors
- Nuclear materials
- Thermoelectric materials
- Porous materials (Zeolites, MOFs, COFs and Cages)

#### High Performance and Functional Materials

- Advanced ceramics
- Magnetic materials
- Functional polymers and hybrid materials
- Alloys

- Composites

#### Nanomaterials and Nanotechnology

##### 2D and low dimensional nanomaterials for

- Catalysis
- Adsorption
- Sensors
- Environmental monitoring and remediation
- CO<sub>2</sub> reduction
- Food and agricultural
- Device applications

#### Soft and Biomaterials

- Materials for biomedical and health care applications
- Flexible and wearable materials
- Materials for tissue engineering, and regenerative medicine
- Drug delivery and therapeutic materials
- Materials for medical devices
- Implant materials

#### Computational and Data-Driven Materials Design, Modelling, and Analysis

- First-principles calculations and DFT-based studies (including battery materials and catalysis)
- Machine learning for materials design and predictive analysis
- Magnetism and spin dynamics

(Indian Participants)



<https://tinyurl.com/2fzsbbum>

Registration Link

(International Participants)



<https://forms.gle/t6J8NPwFvnFTtq3r6>

Abstract Submission Link



<https://forms.gle/fQdFAWwKxjysDNd98>

# SPEAKERS



**Prof. S. Sampath**  
Indian Institute of Science  
(IISc) Bangalore, India.



**Prof. Maximilian Fichtner**  
Karlsruhe Institute of  
Technology (KIT), Germany.



**Prof. Do-Heyoung Kim**  
Chonnam National University,  
Republic of Korea.



**Prof. Swapan K. Pati**  
Jawaharlal Nehru Centre for  
Advanced Scientific Research  
(JNCASR), India.



**Prof. Vivek Polshettiwar**  
Tata Institute of Fundamental  
Research (TIFR), India.



**Prof. Johannes Kästner**  
University of Stuttgart  
(USTUTT), Germany.



**Prof. Ravi Kumar**  
Indian Institute of Technology  
Madras, India



**Prof. S Vasudevan**  
Central Electrochemical Research  
Institute (CECRI), India.



**Prof. Hugo Olvera Vargas**  
National Autonomous University  
of Mexico (UNAM), Mexico.



**Dr. Sailaja Krishnamurthy**  
CSIR-National Chemical  
Laboratory (NCL) Pune, India.



**Prof. Zhenyou Li**  
Qingdao Institute of Bioenergy and  
Bioprocess Technology, Chinese  
Academy of Sciences, China.



**Dr. Annamalai Senthil Kumar**  
Vellore Institute of Technology  
Vellore, India.



**Prof. Shobit Omar**  
Indian Institute of Technology  
Kanpur, India.



**Prof. Raviraj Vankayala**  
Indian Institute of Technology  
Jodhpur, India



**Prof. K.S. Suresh**  
Indian Institute of Technology  
Roorkee, India.



**Prof. R. Arockia Kumar**  
National Institute of Technology  
Warangal, India.



**Prof. Anantharaj Sengeni**  
Indian Institute of Technology  
Kanpur, India.



**Prof. Nilesh Chodankar**  
Khalifa University,  
United Arab Emirates.



**Prof. Sandip Mandal**  
Chosun University,  
Republic of Korea.

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Dr. Pratheep Kumar, Associate Professor, Department of Chemistry, VIT-AP University

Dr. Mohan Kumar Kesarla, Investigador Titular A de TC, Materials Science Laboratories, ICF-UNAM Mexico

Dr. Kogularasu Sakthivel, Assistant Professor, Institute of Environmental Toxin and Emerging Contaminant, Cheng Shiu University, Taiwan.

Dr. Triveni R. Mandlimath, Assistant Professor, Department of Chemistry, VIT-AP University

## Co-Convenors

Dr. Tufan Ghosh, Associate Professor, Department of Chemistry, VIT-AP University

Dr. Sangeeta Adhikari, Associate Professor, Department of Chemistry, VIT-AP University

Dr. Dasari Bosu Babu, Assistant Professor, Department of Chemistry, VIT-AP University

Dr. Shailja Jain, Assistant Professor, Department of Chemistry, VIT-AP University

Dr. Naveen Kumar Reddy Bogireddy, Investigador Asociado C, Materials Science Laboratories, ICF-UNAM Mexico

## Important Dates:

Conference date: **8th July – 10th July 2026**

Registration open from: **25th March 2026**

Deadline for registration: **15th May 2026**

Notification of abstract acceptance: **25th May 2026**

Full paper submission: **31st August 2026**

## Registration Details

Registration Category	Indian (₹)		Foreign (\$)	
	Offline	Online	Offline	Online
<b>Student</b>	3000	2000	150	100
<b>Academician</b>	3500	2500	200	150
<b>Industry/R&amp;D personal</b>	4000	3000	250	200

## Registration fee includes:

- Access to all technical session's plenary, keynote, and invited lectures.
- Conference kit, proceedings and other materials (for offline participants).
- Conference meals and socials with renowned global materials scientists (for offline participants).
- Recognition of best presentation awards.
- **Pre-conference workshop on 7th July afternoon (for offline participants). The workshop includes: Materials characterization using XRD, SEM, TG-DSC, FTIR & Materials modelling and analysis by computational methods**
- **Additionally, 18% GST is applicable on the registration fee.**
- **Accommodation for the participants is available in the campus on minimal charge.**

**Payment Link for international participants: Link will be shared after registration**

**Awards:**

Best Paper Presentation Award Student category

Best Paper Presentation Award Faculty/ Scientist category

Best Poster Presentation Award Student/ Faculty/ Scientist category

- **Sponsors - will be updated in the website**

**Contact**

Email ID: [icram@vitap.ac.in](mailto:icram@vitap.ac.in)

Dr. Pratheep Kumar, VIT-AP India: [pratheep.kumar@vitap.ac.in](mailto:pratheep.kumar@vitap.ac.in) - 9894241479

Dr. Triveni R. Mandlimath, VIT-AP India: [triveni.mandlimath@vitap.ac.in](mailto:triveni.mandlimath@vitap.ac.in) - 8144266474

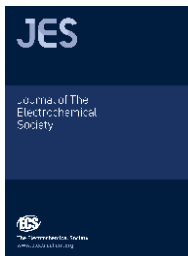
Dr. Mohan Kumar Kesarla, ICF-UNAM Mexico: [mohan@icf.unam.mx](mailto:mohan@icf.unam.mx)

Dr. Kogularasu Sakthivel, CSU Taiwan: [kogularasu@gmail.com](mailto:kogularasu@gmail.com)

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