



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
- CO₂ 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/fQdFAWxKxjysDNd98>

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.

International Advisory Board

Dr. Juan Carlos Hidalgo Cuellar
ICF-National Autonomous University
of Mexico (UNAM), Mexico

Prof. Maximilian Fichtner
Helmholtz Institute Ulm (HIU), KIT
Germany

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

Dr. Nilesh Chodankar
Khalifa University
UAE

Dr. Ganesan Elumalai
N.E.CHEMCAT
Japan

Prof. Guo-Ping Chang-Chien
CENTER, Cheng Shiu University
Taiwan

Prof. Yung-Lung Chen
Chang Gung University
Taiwan

Prof. Johannes Kastner
University of Stuttgart
Germany

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

Dr. Antonio M. Juarez Reyes
ICF-National Autonomous University
of Mexico (UNAM), Mexico

Prof. Praveen Sekhar
Washington State University
USA

Dr. Chien-Hsing Wu
Kaohsiung Chang Gung Memorial Hospital
Taiwan

Dr. Shen-Ming Chen
National Taipei University
of Technology, Taiwan

National Advisory Board

Dr. T. Gnanasekaran

Editor: Journal of Alloys and Compounds

Prof. S. Sampath

IISc Bangalore

Prof. Swapan K. Pati

JNCASR Bangalore

Prof. S. Vasudevan

CECRI Karaikudi

Prof. Vivek Polshettiwar

TIFR Mumbai

Prof. Ravi Kumar N V

IIT Madras

Dr. Rajesh Ganesan

IGCAR Kalpakkam

Dr. Sailaja Krishnamurthy

CSIR-NCL Pune

Prof. Shobit Omar

IIT Kanpur

Prof. K. Sathiyarayanan

VIT Chennai

Prof. Edamana Prasad

IIT Madras

Prof. Geetha Manivasagam

VIT Vellore

Prof. K. Ashok Kumar

VIT Vellore

Convenors

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

Dr. Mohan Kumar Kesarla, Investigador Titular B 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 & Abstract Submission: ~~10th June 2026~~ **17th June 2026**

Notification of abstract acceptance: ~~10th June 2026~~ **17th June 2026**

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

Registration Details

Registration Category	Indian (₹)		Foreign (\$)	
	Offline	Online	Offline	Online
Student	3000	2000	150	100
Academician	3500	2500	200	150
Industry/R&D personal	4000	3000	250	200
Group (Students/Scholars) – 3 Persons	8000	Not applicable	Not applicable	250

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.**
- **Free Accommodation for students and scholars, and on minimal charge basis for others.**

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

Our Sponsors

We are grateful to our sponsors for their generous support

ThermoFisher
SCIENTIFIC

 **BioLogic**
Shaping the future. Together.

 **ZEISS**
Seeing beyond

 **Metrohm**
Autolab s.v.

 **SciAps**
a powerful combination

 **Sinsil International**
Your Partner in Scientific Needs

 **ADITYA**
SCIENTIFIC

Contact

Email ID: icram@vitap.ac.in

Dr. Pratheep Kumar, VIT-AP India: pratheep.kumar@vitap.ac.in - 9894241479

Dr. Triveni R. Mandlimath, VIT-AP India: triveni.mandlimath@vitap.ac.in - 8144266474

Dr. Mohan Kumar Kesarla, ICF-UNAM Mexico: mohan@icf.unam.mx

Dr. Kogularasu Sakthivel, CSU Taiwan: kogularasu@gmail.com



ISSN: 1361-6528

Publication Partners



ISSN: 2632-959X

<https://iopscience.iop.org/journal/0957-4484>

<https://iopscience.iop.org/journal/2632-959X>

