



## 2<sup>nd</sup> International Conference on Advanced Materials and Manufacturing (ICAMM 2.0) January 8th & 9th, 2026

### Organized by

**JIS Institute of Advanced Studies & Research (JIASR), JIS University, WB, India**

**In association with:**

**Mahatma Gandhi University, Kerala, India  
&  
The Gdańsk University of Technology, Poland  
&  
IJL, Université de Lorraine, France  
&  
St. Petersburg State University, Russia**

### Important Dates

#### Conference dates (Time):

January 8th and 9th, 2026 (9:00 AM to 5:30 PM)

#### Mode of conference:

Offline and partly Online

#### Last Date of abstract submission:

December 05, 2025

#### Acceptance notification to the author(s):

December 08, 2025

#### Last date of full paper submission:

To be announced

#### Last date of early bird registration:

December 10, 2025

### Program Highlights

ICAMM 2.0 will be organized in hybrid mode, focusing on recent advances and emerging challenges in advanced materials, including polymers, 2D materials, nanomaterials, and biomaterials — all at the forefront of modern technological developments with vital roles across industries and applications. This conference will serve as a premier interdisciplinary platform, bringing together academic scientists, researchers, faculty, students, and industry experts to share knowledge, research outcomes, and future trends in materials and manufacturing innovations. Featuring diverse oral and poster presentations, along with plenary, keynote, and invited talks from eminent researchers, the event aims to foster knowledge exchange and collaboration among participants from academia and industry worldwide.

### Conference Themes

The conference will have the following topical themes (but not limited to) covering nearly the entire range of Advanced Materials and Manufacturing.

#### 1) Materials for Medical Technology & Healthcare

- 3D bio-printing, organoids, biomaterials and tissue engineering
- Biomedical applications and medical devices
- Nano-medicine and ultrahigh dilution chemistry
- Drug design, drug delivery
- Protein aggregation

#### 2) Composites for Clean Environment

- Smart and Functional Composites for Sustainability
- Biopolymer and green composites
- Bioinspired and environmental responsive materials
- Composites for Environmental Protection and Pollution Control

#### 3) 2-D Materials and Beyond

- Emerging 2-D Materials
- Electronic, Photonic, and Spintronic Applications
- Energy and Environmental Applications
- Hybrid and Low-Dimensional Architectures

#### 4) Sustainable & Advanced Manufacturing

- Sustainable Manufacturing and Circular Economy
- Advanced Manufacturing Technologies
- Energy-Efficient and Low-Emission Manufacturing
- Green Construction and building materials

#### 5) Surface Engineering

- Paint and coating
- Coatings and Thin Film Technologies
- Functional and Smart Surfaces
- Corrosion Protection & Environmental Applications

#### 6) Energy Storage & Conversion Technologies

- Electrochemical Energy Storage Systems
- Supercapacitors and Hybrid Energy Storage
- Hydrogen and Fuel Cell Technologies
- Solar and Photovoltaic Energy Conversion

**JIS Institute of Advanced Studies and Research (JISIASR), JIS University**, Kolkata, India, aligning with the dynamic evolution of professional education methodology, has started an academic and industry based research institute with four of its Centers- Centre for Interdisciplinary Sciences, Centre for Health Science & Technology, Centre for Data Sciences, and Centre for Renewable & Sustainable Energy Studies. The goal of this institute is to become one of the most important post graduate and research institutes of the country by realizing the urgent need to fill the gap between academic curriculum and industry's demand. JISIASR has a number of quality programs at Masters, Ph.D, and postdoctoral levels.

**Centre for Interdisciplinary Sciences (CIS)** is committed to pursuing cutting edge research in design and development of novel polymeric materials, bioprinting, advanced manufacturing, drug-design, nanomedicines, and sensors and theranostics, along with graphene technology in energy, health and environmental sectors adhering to the industrial norms for green and sustainable alternatives.

*Host: Dr. Prosenjit Saha, JISIASR, JIS University*

**Mahatma Gandhi University**, Kottayam, Kerala, India is established on 2<sup>nd</sup> October, 1983 in Kerala, India. The university produces undergraduate, postgraduate and PhD degrees with its thirty university departments, one international and inter-university center, seven inter-university centers, nine inter school centers, one national center, three international centers, seventy nine govt./aided affiliated colleges including ten autonomous colleges, one hundred ninety four unaided affiliated colleges and two hundred twenty five recognized research centers. The institution's educational focus covers a broad spectrum, embracing the interdisciplinary as well as conventional disciplines of Science and Humanities besides professional disciplines.

*Co-host: Prof. Sabu Thomas, Mahatma Gandhi University*

**The Institute of Chemistry at Saint Petersburg State University**, Russia, was founded in 1929, continuing the university's long-standing tradition of chemical research that began in the 19th century. It is a leading center for education and research in inorganic, organic, physical, and analytical chemistry, as well as modern materials science. Equipped with state-of-the-art laboratories and instrumentation, the institute maintains active collaborations with international research organizations and plays a vital role in advancing chemical science and innovation globally.

*Co-host: Prof. Anatasia Penkova, St. Petersburg State University, Russia*

**The Institut Jean Lamour (IJL)** is a fundamental and applied research laboratory in material science. It is a joint unit (UMR 7198) of the CNRS and Université de Lorraine and it is attached to the CNRS Institute of Chemistry. It is a multi-thematic laboratory covering materials, metallurgy, nanosciences, plasmas, surfaces and electronics in response to societal challenges such as energy, environment, the industry of the future, mobility, the preservation of resources and health. Its research work ranges from the design of materials to their industrial applications, and is carried out by twenty five groups organized into four scientific departments and a technological research team. It is supported by eight technical platforms and four support services. The IJL is mainly based in Nancy, France, on the Artem campus. With up to six hundred people including trainees, one hundred fifty partner companies, three hundred peer-reviewed articles published each year, thirty two thesis defenses each year, thirty partner countries in the framework of academic collaborations, the Institut Jean Lamour is one of the largest Institute for materials in Europe.

*Co-host: Prof. Didier Rouxel, Institut Jean Lamour*

**Gdańsk University of Technology** ranks among the top 11 Polish universities in the prestigious Academic Ranking of World Universities (ARWU). It is recognized as the second-best research university in Poland according to the 'Initiative of Excellence - Research University' competition hosted by the Ministry of Science and Higher Education. The Polymer Technology Department, part of the Faculty of Chemistry, focuses on advancing polyurethane technology and other polymer materials using sustainable practices. Key research areas include Utilizing renewable raw materials to synthesize polyurethanes and other polymers, including modifications with vegetable oils, bio-isocyanates, and bio-glycols, as well as chemical recycling processes such as glycolysis and glycerolysis; Developing environmentally friendly synthesis methods for creating biomedical, bioactive, and biodegradable polymers; - Researching sustainable methods for rubber recycling using thermomechanical processes; - Developing advanced polymer composites and nanocomposites. This extensive research and development initiative strives to close the gap between academic innovation and industrial application, focusing on sustainability and the enhancement of material properties.

*Co-host: Prof. Józef T. Haponiuk, the Gdańsk University of Technology*

## Chief Guest

**Prof. Ashutosh Sharma**  
(President, INSA New Delhi)

## Plenary Lecture

Prof. Didier Rouxel, IJL, Université de Lorraine, France  
Prof. Józef Haponiuk, Gdańsk Tech, Poland  
Prof. Suman Chakraborty, IIT Kharagpur  
Dr. Binay Kumar Das, Director General, DRDO  
Prof. Anastasia Penkova, SPBU, Russia  
Prof. Chaitanyamoy Ganguly, CMA  
Prof. Bikramjit Basu, CSIR-CGCRI  
Prof. Kalobaran Maiti, IACS Kolkata  
Prof. Santanu Dhara, IIT Kharagpur  
Prof. Maya Jacob John, CSIR, South Africa

## Confirmed Speakers

Prof. Olivier Joubert, IJL, France  
Prof. Prasanta Kumar Das, IACS Kolkata  
Prof. Dibakar Dhara, IIT Kharagpur  
Prof. Nikhil Ranjan Jana, IACS Kolkata  
Prof. Falguni Pati, IIT Hyderabad  
Prof. Ramendra Sundar Dey, INST Mohali  
Prof. Vijayavenkataraman Sanjairaj, NYU-Abu Dhabi  
Prof. Arnab Chaudhuri, Oslomet, Norway  
Prof. Atanu Singha Roy, NIT Meghalaya  
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Prof. Piyali Basak, Jadavpur University  
Prof. Kalisadhan Mukherjee, PDEU Gandhinagar  
Prof. Subhasis Roy, University of Calcutta  
Prof. Jit Sarkar, CSIR-CLRI  
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Prof. Dheeraj K. Singh, TCG Crest  
Prof. Sarthak Mandal, NIT Trichi  
Prof. Shouvik Chattopadhyay, Jadavpur University  
Prof. Kajal Ghosal, Jadavpur University  
Prof. Chiranjit Ghosh, MAHE  
Prof. Mitun Das, CSIR-CGCRI Kolkata  
Prof. Soupitak Pal, CSIR-CGCRI Kolkata  
Prof. Mrinal K Bera, IEST Shibpur  
Prof. Priyadip Das, SRMIST-Chennai  
Prof. Suvendu Manna, UPES Dehradun  
Prof. Dibyendu Das, IISER Kolkata  
Prof. Diptonil Banerjee, TMU, UP  
Dr. Sandip Patil, E-Spin Nanotech Pvt. Ltd., Kanpur  
Dr. Kaustav Chakraborty, Syensqo  
Mr. Turin Dutta, Executive Director, Guardian, Kolkata  
Mr. Dalel Singh, Native Naturals, New Delhi

*More speakers to be announced soon...*

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### Convenor:

Prof. Prosenjit Saha, JISIASR

## Venue

**JISMSR-JISIASR Campus, Santragachi, Howrah,  
West Bengal, India**  
(Opposite to Santragachi Central Bus Terminal)

*All participants are expected to arrange their own accommodation. Organizer may help in finding the accommodation on request against actual cost*

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## Salient Features

- ❑ There will be best oral & poster presentation award (Theme wise)
- ❑ Best Young Researcher award (Theme wise)
- ❑ Reputed Publishers as Publishing partners
- ❑ Open forum for networking and collaboration with Global scientific community
- ❑ Institutional support for startup and incubation for interested and talented researchers/ participants

## Website & Submission Guidelines



Scan the QR code to visit the conference website or click below link:

<https://jiasr.org/ICAMM-2026/>

Click below URL to access the abstract guidelines /submission link: <https://forms.gle/9Txb34s2XkQkMf69>



Please visit [www.jiasr.org](http://www.jiasr.org) and click on "ICAMM 2.0" for more details

Write to us: [icamm.jiasr@gmail.com](mailto:icamm.jiasr@gmail.com)

Important contacts:

+91-9745618023 (For general enquiry), +91-9609604660 (For travel and accommodation)

+91-9449566017 (For abstract submission and registration)

## Registration

Registration is mandatory for all participants (including Speakers) for attending the conference. Registration fee includes a Conference kit, Lunch at conference site, tea/snacks. Registration fee may be paid through electronically along with filled registration form. Bank details are available in our website ([www.jiasr.org](http://www.jiasr.org)). Please complete the registration and pay the fees and send the details to the organizer at [icamm.jiasr@gmail.com](mailto:icamm.jiasr@gmail.com). **Following registration fees are applicable till November 30, 2025**

Participant	National	International
Students	INR 1500	USD 150
Postdoc	INR 2500	USD 200
Faculty members/ Scientists	INR 4500	USD 350
Industrial Delegates	INR 7000	USD 700
Accompanying person	INR 2000	USD 150

## Sponsorship

The sponsorship from institutions, organizations and industries to support this event will be appreciated and acknowledged. Based on the nature of sponsorship, conference organizer will provide the opportunities which may include complimentary registration with conference kit, business stall in the conference site, company logo in conference documents, complimentary pages in the souvenir, and business incubation support extended by JIS group.



**Four best oral and poster prizes will be awarded by ACS Publications**

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