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"Sustainability Through Surfaces  
and Additive Innovation"

# FSEAM

21<sup>ST</sup> - 23<sup>RD</sup> JAN 2026  
IIT KHARAGPUR , INDIA



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Organised by

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Department of Metallurgical & Materials Engineering  
IIT Kharagpur & BIT Mesra

In Association with

International Association of Advanced Materials (IAAM), Sweden  
Indian National Academy of Engineering (INAE), New Delhi

West Bengal Academy of Science and Technology (WAST), Kolkata

Scheme for Promotion of Academic and Research Collaboration (SPARC), New Delhi



[www.fseam.in](http://www.fseam.in)

fseam.iitkgp.2025@gmail.com



## About the conference

IIT Kharagpur and BIT Mesra, in association with the International Association of Advanced Materials (IAAM), Sweden, the Indian National Academy of Engineering (INAE), New Delhi, West Bengal Academy of Science and Technology (WAST), Kolkata and Scheme for Promotion of Academic and Research Collaboration (SPARC), New Delhi will be organizing the 1st International Conference on Frontiers in Surface Engineering and Additive Manufacturing (FSEAM 2026) during 21-23 January 2026 at IIT Kharagpur. Surface engineering is a smart tool that aims at modifying the surface of finished components to tailor its durability and functionality. Additive manufacturing is the advanced techniques for developing components of any size and shape by one step processing. This conference will aim at establishing a platform to exchange knowledge and achievements among the academicians, researchers and Industry professionals working in both the fields of surface engineering and additive manufacturing. This multidisciplinary event brings together global experts from academia, research, and industry to discuss breakthroughs, share knowledge, and foster collaborations that drive advancements in material performance and functionality. A special session will be dedicated to honor the pioneering efforts of Prof. Manna to establish the foundation of surface engineering in both the Institutes and his remarkable contributions in this field.

# Call for Abstracts :

Join us at FSEAM 2026 to showcase your research and innovations. Oral and poster presentations alike will enhance your visibility and help you engage with potential collaborators and industry leaders.

## Submission Guidelines :

- Abstracts must be written in English, Times New Roman, Title 14 pt. (Bold, Centre), Author name 12 pt. and their affiliation 11 pt. Headings 12 pt. (Bold), At least 5 keywords, 250 words.
- Abstracts can be submitted through the conference website or by scanning the QR code . Only one theme may be selected.
- Download the abstract template from the official conference website: <https://www.fseam.in>



## Important Dates :

Last date of registration: **5<sup>th</sup> January 2026**

Last date of abstract submission: **31<sup>st</sup> December 2025**

Notification of acceptance: **31<sup>st</sup> December 2025**

**“The selected papers will be published in peer-reviewed journals or conference proceedings after thorough reviewing”.**

## Registration Category :

Category	Early (Before 31st Dec 2025)	Regular (After 31st Dec 2025)
Indian Students	INR 5000	INR 6000
Indian Academics/Scientists	INR 10000	INR 12000
Accompanying Person (Indian)	INR 5000	INR 6000
Industry Participants	INR 15000	INR 17000
Foreign Academics/Scientists	USD 700	USD 800
Accompanying Person (Foreign)	USD 350	USD 400

Note : The Registration fee is inclusive of GST.

# Technical Themes :

The conference will focus on scientific talks and presentations under the following themes:

- Powder synthesis for additive manufacturing
- Advanced materials and functional surfaces
- Additive manufacturing of multicomponent alloy
- Surface for stealth application
- Surface for bio application
- Smart processing
- Materials and coatings for strategic sectors
- Materials and coatings for non-strategic sectors
- Digital and Intelligent designing
- Hybrid processing
- Sustainable and green technology



# Sponsorship opportunities

We are pleased to invite your esteemed organization to partner with us as a sponsor for our upcoming conference. This is a unique opportunity to showcase your brand, engage with global experts, and connect directly with industry leaders. Details of the various sponsorship opportunities and associated benefits are outlined below.

## **Platinum Sponsorship: ₹2,00,000 + Tax**

- Four delegates can attend the symposium.
- Two Keynote speakers can deliver a talk.
- No registration fee.
- Local hospitality, including accommodation at the Technology Guest House.
- A space to set up an Exhibition Stall.
- Full page (colour) souvenir advertisement.
- Display of sponsorship in the Poster, Websites, Kit etc

## **Gold Sponsorship: ₹1,00,000 + Tax**

- Two delegates can attend the symposium.
- One keynote speaker can deliver a talk.
- No registration fee.
- Local hospitality, including accommodation at the Technology Guest House
- A space to set up an Exhibition Stall.
- Full page (colour) souvenir advertisement.
- Display of sponsorship in the Poster, Websites, Kit etc.

## **Silver Sponsorship: ₹50,000 + Tax**

- One delegate can attend the symposium.
- No registration fee.
- Local hospitality, including accommodation at the Technology Guest House.
- Full page (colour) souvenir advertisement.
- A space to set up an Exhibition Stall.

### **Exhibitor advertisement**

Full Page (colour) : ₹25,000 + Tax

Half Page (colour) : ₹20,000 + Tax

Sponsorship Transfer: CEP-STC, IIT Kharagpur | A/c No. 9556 2200 0029 55 (Savings),  
Canara Bank, SRIC-IIT Kharagpur | IFSC: CNRB0019556 | SWIFT: CNRBINBBFD | PAN:  
AAJIO323G | GSTIN: 19AAAJI0323G1ZM | TAN: CALI01878C | Contact: Associate Dean, CE&T,  
IIT Kharagpur, Ph: 03222-282119/282111, Email: adeancet@adm.iitkgp.ac.in,  
cep\_off@adm.iitkgp.ac.in

**Sponsor Registration:** <https://forms.gle/S4nPGsFjUbzQkYDL6>

### **IIT Kharagpur, India**

Indian Institute of Technology (IIT) Kharagpur, founded in 1951, is the first and largest IIT in India and is globally recognized for its academic excellence, research innovation, and significant societal contributions. It is an Institute of Eminence and a symbol of nation-building in science and technology. With top-tier research centers, advanced laboratories, and strong industry collaborations, IIT Kharagpur continues to lead in engineering, materials science, manufacturing, and interdisciplinary research, promoting innovation and entrepreneurship worldwide.

### **BIT Mesra , India**

Birla Institute of Technology (BIT) Mesra, founded in 1955 by the visionary industrialist B. M. Birla, is a premier technical university known for excellence in engineering, applied sciences, and research-driven education. An institution of international repute, BIT Mesra has made significant contributions to industry and academia through innovation and high-quality research. With state-of-the-art facilities, strong industry partnerships, and a focus on advanced manufacturing, materials engineering, and emerging technologies, BIT Mesra continues to shape future leaders in science and technology.

### **IAAM, Sweden**

The International Association of Advanced Materials (IAAM), headquartered in Sweden, is a renowned nonprofit scientific organization dedicated to promoting advanced materials science, engineering, and technology for the benefit of global society. IAAM provides a prestigious platform for scientists, researchers, and industry professionals through international conferences, publications, and research collaborations. With the vision of "Advancement of Materials to Global Excellence," IAAM fosters interdisciplinary innovation to address global challenges in energy, healthcare, environment, manufacturing, and sustainable development.

### **INAE, India**

The Indian National Academy of Engineering (INAE), New Delhi, is the apex body of eminent engineers, scientists, technologists, and industry leaders in India. Established in 1987, INAE promotes excellence in engineering research, innovation, and technology development for national advancement. It plays a key advisory role to the Government of India on matters of engineering and technology and fosters collaboration between academia, research organizations, and industry. INAE also encourages young engineering talent through fellowships, awards, and international engagement.

### **WAST, India**

The West Bengal Academy of Science and Technology (WAST), established in 1983 and headquartered in Kolkata, is a premier academic body dedicated to promoting scientific research, innovation, and technological development in West Bengal. It provides a forum for collaboration among scientists, engineers, academics, industry professionals, and government organizations. With distinguished Fellows (FWAST) and Members (MWAST) drawn from leading national institutions, the academy advises on science and technology policy. It supports capacity building through seminars, conferences, publications, and outreach programs. WAST plays a vital role in nurturing young researchers and advancing scientific excellence for societal development.

### **SPARC,India**

The Scheme for Promotion of Academic and Research Collaboration (SPARC), an initiative of the Ministry of Human Resource Development, Government of India, aims at improving the research ecosystem of India's higher educational institutions by facilitating academic and research collaborations between top-ranked Indian Institutions and globally ranked Foreign Institutions, through Joint Research Projects involving mobility of students and faculty. The SPARC Scheme is expected to have a major impact in providing the best international expertise to address major national problems.



# Organising Committee

**Patron:**

Prof. Suman Chakraborty,  
Director, IIT Kharagpur

**Co-patron:**

Prof. Indranil Manna, Vice-  
chancellor, BIT Mesra

**Chairman:**

Prof. Shiv Brat Singh, Head,  
Dept. of MME, IIT Kharagpur

**Convenor:**

Prof. Jyotsna Dutta Majumdar,  
Professor, Dept. of MME, IIT  
Kharagpur

**Co-convenor:**

Prof. Bappa Acharya, Dept. of  
Production and Industrial  
Engineering, BIT Mesra

**Treasurer:**

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Professor, Dept. of MME, IIT  
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**VENUE DETAIL**

Indian Institute of Technology Kharagpur,  
Paschim Medinipur,  
West Bengal -721302  
India



IIT Kharagpur in association with  
**AMPP INDIA Chapter**  
is organizing

Residential Certificate Course on  
**"Advanced Surface Engineering  
for Corrosion Prevention"**

19th - 20th January 2026

### OBJECTIVE

This course is intended to deliver the fundamentals of corrosion-based degradation usually encountered by engineering components in power plants, oil and gas pipelines, aerospace, automotive, and marine sectors, along with the prevention of component-specific corrosion through different surface engineering techniques. A brief overview of various surface engineering techniques, process optimization, and their industrial applications will be discussed. Finally, the techniques used for corrosion testing and analyzing its mechanisms will also be covered.

### TOPICS TO BE COVERED

- Fundamentals of Corrosion and High-Temperature Oxidation.
- Demonstration of Advanced Surface Treatment Techniques.
- Nanostructured and Functional Coatings
- State of the Art Characterization and Testing Techniques for surface Studies
- Industrial Applications and Case Studies.

### CLASS TIMINGS

**08:00 HRS - 17:00 HRS**

**COURSE VENUE : IIT KHARAGPUR**

**Registration Fees : INR 15,000 + GST per delegate**

**Registration Deadline : 10<sup>th</sup> January 2026**

Hosted By



In addition, IIT Kharagpur is also organizing an International Conference on Frontiers in Surface Engineering and Additive Manufacturing from 21st January to 23rd January and hence, interested participants may also attend the conference as delegates with an additional registration fee of 50% waiver in different categories as applicable.

For more details, visit: [www.fseam.in](http://www.fseam.in)



### WHO SHOULD ATTEND ?

This course is designed for students, researchers, and industry professionals from materials, metallurgy, mechanical, chemical, civil, and any other science background who wish to gain expertise in corrosion prevention through surface engineering. It is also valuable for industry practitioners seeking practical solutions to enhance material durability and performance. Discussion - Quiz session will also be conducted at the end of the course to assess the knowledge gain by the participant.

**Participation certification will be issued after the course.**

### FOR DETAILS PLEASE CONTACT :

Mr. Rishikesh Mishra  
Manager - Technical Services, AIC  
Email : rishikesh@naceindia.org  
Cell/Whatsapp : 91-9820459356

#### Copy to:

Prof. Jyotsna Dutta Majumdar  
Professor, Department of Metallurgical and Materials Engineering, IIT Kharagpur  
Email: duttamajumdarjyotsna@gmail.com