



METALLUM 2025

IN ASSOCIATION
WITH



14th-16th
FEB 2025



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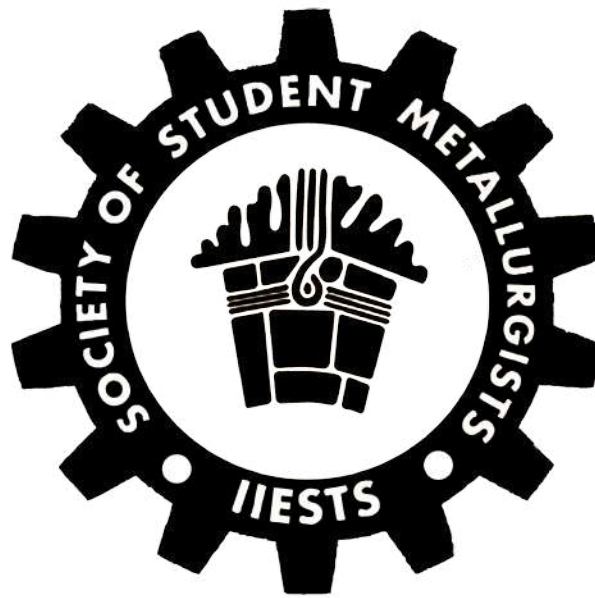
ABOUT IEST SHIBPUR

Indian Institute of Engineering Science and Technology, Shibpur, is a prestigious educational institution with a legacy dating back to the 19th century. Established on 24th November 1856, it is the 2nd oldest engineering college in India.

It has grown into an “Institute of National Importance” under the Ministry of Education. Nestled on a sprawling 123-acre campus along the Hooghly River in Howrah, West Bengal, IEST offers a perfect blend of heritage and modernity ingrained and embedded perfectly in the institute’s academics, spanning 16 departments and 8 schools.

With world-class infrastructure, a vibrant student community, and a focus on cutting-edge research, IEST Shibpur fosters holistic development. It hosts numerous technical, cultural, and sports events that enrich campus life. The institute’s alumni network includes trailblazers in science, engineering, and industry, reflecting its commitment to producing global leaders.





ABOUT SSM

Organizing Society

The Society of Student Metallurgists (SSM) is the official academic society of the Department of Metallurgy and Materials Engineering at IEST Shibpur, one of the institute's oldest departments, founded in 1939. It bridges the gap between students, faculty, and alumni, fostering growth, mentorship, and collaboration. SSM provides students with opportunities to connect with industry leaders, gain practical experience by tackling real-world challenges, and build networks that pave the way for future success.

The society empowers members to excel academically while preparing them for dynamic careers in the ever-evolving field of metallurgy and materials engineering.

SSM equips its members with skills and knowledge to tackle global challenges. For those passionate about innovation and eager to redefine technology, SSM is more than just a society—it's a platform for growth, mentorship, hands-on experience for success in one of the most exciting engineering domains of the 21st century.

ABOUT METALLUM

Metallum is the annual departmental fest of the Department of Metallurgy and Materials engineering organised by the Society of Student Metallurgists. 2025 will mark the sixth edition of the fest. Metallum comes from the Latin word for 'metal' and refers to anything related to metals, including their study and processing. Students, researchers, and academics come together on this platform to explore the dynamic fields of materials science and metallurgy. The event combines technical challenges, engaging pre-events, and insightful industrial encounters to foster knowledge, collaboration, and practical skills in materials science.

In the world of materials science, Metallum helps to inspire creativity, collaboration, and learning, offering participants a chance to grow both personally and professionally. It offers a vibrant and dynamic platform for tackling challenging problem solving competitions, attending inspiring talks, engaging in thought-provoking panel discussions, and forging meaningful connections. In addition to exploring the most recent developments in the engineering, metallurgy, and materials processing domain, participants can display their talents, interact with like-minded colleagues, and share creative ideas.





gallery



EVENTS



Metexposition challenges participants to dive deep into the fascinating realms of metallurgy, materials and engineering innovations. This event fosters the exchange of innovative ideas and insights on various topics, including sustainable solutions and futuristic alloys. Research is presented, new possibilities are explored, and discussions with peers and experts are facilitated, providing a platform to showcase innovation.

METEXPOSITION

METALLOSCOPE

“Metalloscope” reflects the endless possibilities metals bring to the world of innovation and creation. This event brings together students, professionals, and enthusiasts to experience the intersection of engineering, technology, and art. Essentially, you are required to create a poster on a topic related to metallurgy (metalworking or metal-based art) and get the opportunity to explore subject of metals.



EVENTS



Met-Tricks is the ultimate stage for brilliance and innovation in metallurgy and materials engineering at IEST. This thrilling competition gathers sharp minds to tackle real-world industrial challenges with bold ideas and creative solutions. It's more than a contest – it's a celebration of ingenuity, where participants showcase expertise and push the boundaries of what's possible in this fascinating field of study.

MET-TRICKS

DR. A.K. SEAL MEMORIAL QUIZ

This prestigious event honors the late Dr. A.K. Seal, renowned for his visionary contributions to metallurgy. The quiz keeps his legacy alive by sparking curiosity and inspiring academic brilliance among students, allowing them to explore the world of materials science and metallurgy. It's a tribute to Dr. Seal's passion for knowledge and innovation, inspiring the next generation to follow his footsteps.



EVENTS



Unleash your skills, uncover the beauty of materials science, and showcase your ability to reveal the stories hidden within the microstructure. This competition is your gateway to precision, discovery, and a deeper understanding of the materials that shape our world. Step into the challenge, and let your skills reveal the hidden stories of materials like never before.

METAPOLISH

INDUSTRIAL MEET

The Industrial Meet unites academia and industry to exchange groundbreaking ideas, expertise, and experiences. Featuring leaders, industry stalwarts, and IEST alumni, it offers impactful lectures and insights into various industrial challenges, fostering meaningful connections as well as transformative ideas for the institute's and the country's future.



EVENTS



The Mock Placement event offers participants an opportunity to hone their abilities in written assessments, group discussions, and in-person interviews by simulating the recruiting process in a dynamic way. The event, which is modeled after real-world placement, empowers participants for career success through professional development, confidence-building.

PRORECRUIT

META-BEINGS MEET

This is the time to interact with our alumni of the department where we travel back in the time with various unforgettable moments they leave behind. Legacy that is maintained and we follow within campus will be shared by the alumni of the department. Through their experiences, we gain insights into the evolution of our field and the milestones achieved over the years. Their journeys inspire us to honor the past.



PAST SPEAKERS



Prof. B. S. Murty
Director
IIT Hyderabad



Prof. P. P. Chattopadhyay
Director
NIAMT Ranchi



Dr. Saurabh Kundu
Chief Corporate
Sustainability
Tata Steel



Amrapali Datta
Associate Director
Cognizant



Dr. Pratik Kumar Mallick
General Manager
Usha Martin Limited



Sandipan Bagchi
Deputy General
Manager - Business &
Process Excellence
Lloyds Metals & Energy Ltd



Anwesh Majumder
Associate Director
Deloitte



Mainak Gantait
Scientist 'C'
Bureau of Indian Standards

WHY SPONSOR US?

A Legacy That Inspires

Metallum, hosted by IEST Shibpur, celebrates a rich heritage while fostering a forward-looking vision. It creates a platform where academia and industry converge to explore cutting-edge technological advancements and forge lasting collaborations.

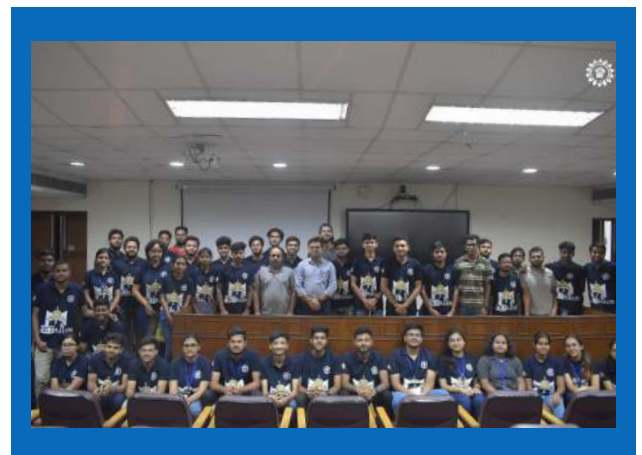


Visionary Opportunities

Metallum celebrates creativity, innovation, and collaboration. By sponsoring, you'll join a transformative journey shaping the future of metallurgy and materials science while gaining invaluable brand recognition.

Amplified Reach

Our outreach strategy leverages social media, banners, and YouTube to create buzz and showcase sponsor contributions. Influential figures will feature in exclusive promotional videos, enhancing brand presence globally.



VISION AND MISSION

VISION

This year we invite you to explore the theme of vision of “METALLUM” through the lens of creativity, technology, and innovation. Through a series of engaging workshops, interactive events, and thought-provoking sessions. Whether it’s in the realms of science, technology, business, or the arts, vision enables us to see potential and tap into new possibilities. We have in store innovation challenge , visionary workshop, panel discussion (where industrial leaders will share their vision in the field of metallurgy and materials engineering), art and culture exhibition.

MISSION

A platform where students can pitch and develop groundbreaking ideas with a clear mission to solve real-world problems. Every event, every competition, and every workshop at this fest is a reflection of a mission –a mission to innovate, learn, and grow together. Through collaboration, creativity, and passion, we strive to accomplish something meaningful and lasting. Our fest focuses on the importance of setting purposeful goals, tackling challenges head-on, and advancing with determination .

SPONSORSHIP TARIFF

Title Sponsor

Rs. 1,10,000/-

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Rs. 85,000/-

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Rs. 50,000/-

Event sponsor

Rs. 20,000/-

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Rs. 25,000/-

Food Partner

Rs. 10,000/-

Merchandise Partner

Rs. 7,500/-

Media Partner

Rs. 5,000/-

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