

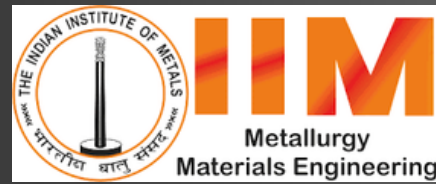


METALLUM

2024



IN ASSOCIATION
WITH



**SOCIETY OF STUDENT METALLURGISTS,
IIST, SHIBPUR**
PRESENT
METALLUM 5.0
20th-21st march

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ABOUT IESTS

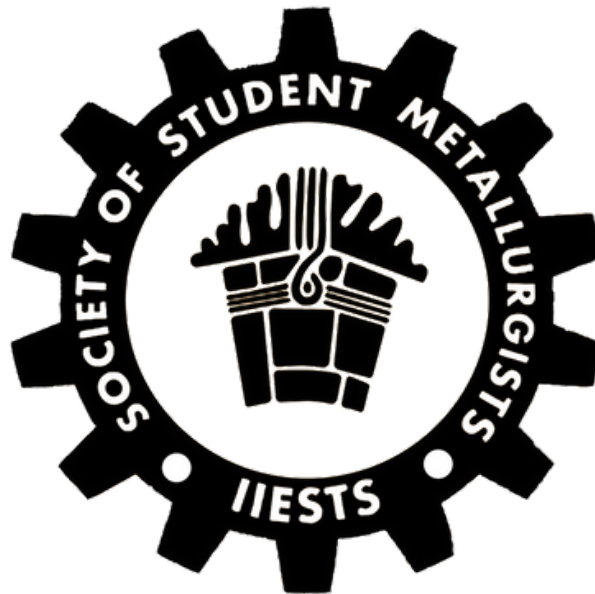
Indian Institute of Engineering Science and Technology, Shibpur, erstwhile Bengal Engineering and Science University being established in the year of 1856 is the second oldest technical institute of the country. In March, 2014 Bengal Engineering and Science University was recognized as an Institute of National Importance by the MHRD.

IEST, Shibpur is to become one of the best Institutes in the world. in providing the state-of-the art multi-disciplinary research ambience that will usher innovative world-class technologies developed towards realizing the goal of developed India.

IEST, Shibpur functions as an Institute of higher learning and advanced research. Prime activities include creation and dissemination of knowledge; producing engineers, scientists, and entrepreneurs of highest quality equipped with the latest technologies and developing innovation technology solutions for the cause of the society.



ABOUT SSM



"Society of Student Metallurgists" is a student body of Metallurgy and Materials Engineering at IEST, Shibpur founded in the year 1939, which handles the various departmental activities of the students of Metallurgy and Materials Engineering. SSM was instituted with an altruistic intention of promoting the most booming and perspective subject to flourish the interest in students to study Metallurgy and attract established MNCs in investing into the department. The main aim of SSM team is to promote a departmental connection within students, faculties and alumni through different activities.

Focused on fostering academic excellence, professional growth, and camaraderie, this society provides a platform for members to exchange ideas, engage in cutting-edge research, and stay ahead of advancements in metallurgy. Our society SSM was instituted with an altruistic intention of promoting the most booming and perspective subject to flourish the interest in students to study Metallurgy and attract established MNCs in investing into the department. The main aim of SSM team is to promote a departmental connection within students, faculties and alumni through different activities.

ABOUT **METALLUM**



Metallum is the annual symposium cum tech fest organized by the Society of Student Metallurgists at IEST, Shibpur. 20th and 21st March, 2024 will mark the fifth edition of the fest. As the name 'Metallum' suggests, just like precious metals the vivid history of our department is bejeweled by some of the finest metallurgists the world has ever seen since its establishment in 1939.

From the microscopic wonders of alloy structures to the macroscopic marvels of metal applications, this fest promises to showcase the dynamic and ever-evolving field of metallurgy. We aim to promote more such enthusiasts in research and industries, and provide them a rich and captivating experience in the field of metallurgy and materials science through a range of events and activities.



GALLERY



EVENT DESCRIPTION

Metexposition

Prepare to be captivated by a symphony of ideas, eloquence, and creativity as **METAEXPOSITION** unfolds its curtains. Aimed at highlighting the advancements and innovations in the field of Metallurgy, this technical paper presentation will provide students with an opportunity to showcase their research skills and gain recognition among their peers.



Metalloscape

Metalloscape beckons students and enthusiasts alike to unleash their imagination and articulate the intricacies of metallurgical processes, materials, and innovations through the medium of art. Showcase your creativity and knowledge in the field of metallurgy. The poster should be original and participants will be required to create a poster on a topic related to metallurgy, such as the extraction of metals, material processing, material characterization etc.



Met-tricks

Designed to bring together the brightest minds in the field of metallurgy and challenge them to tackle real-world problems facing the industry, this competition provides a unique opportunity for participants to showcase their skills and contribute to the advancement of the metallurgical industry.



Dr.A.K. seal Memorial Quiz



Dr. Seal, under whom the Department of Metallurgy, BESU Shibpur found its impetus, and gradually rose to the uppermost echelons in its discipline. This quiz is to preserve and emulate his footsteps on the sands of time, which remain for metallurgists all over the world. Join us as we put your knowledge to the test and uncover the mysteries of this fascinating field

MetaPolish

If you are interested in the world of microstructures hidden from the naked eyes, then this competition is just the right thing for you. It involves analyzing the microstructure of metal samples through various techniques such as polishing, etching, and imaging.



MetaBeings Meet

“পুরোনো সেই দিনের কথা ।
লেট হয়ে গেলে সেই দৌড়ে দৌড়ে ক্লাস এ
টোকা,আর সেই মনোযোগ বিহীন
আমাদের লেকচার শোনা।
কতো গল্প”

Travel back in time with various anecdotes and how was life on the campus and how was their “cazz” used to be; each and every instances will be shared by the alumni of the department. Join us on campus or stream the meet live on the SSM You Tube channel. Speakers may also. join via Google meet if they are not available on campus.



Industrial Meet



In a dynamic convergence of academia and industry, a platform that brought together thought leaders, industry experts, and alumni to foster collaboration and innovation. Diverse range of experts from various fields share their knowledge and experiences with everyone on real world industrial problems. Our guest lectures provide a unique opportunity for students and faculty to broaden their perspectives make connections, and deepen their understanding of the world around them.

PAST SPEAKERS



Prof. B. S. Murty
Director
IIT Hyderabad



Prof. P. P. Chattopadhyay
Director
NIAMT



Mainak Gantait
Scientist 'C'
Bureau of Indian Standards



Sandipan Bagchi
Senior Manager
TATA METALIKS



Kartikayan Ravichandran
Project Manager
Vector Consulting Group



Anwesh Majumder
Business Operating Manager
Deloitte

Why Sponsor Us

Eight Decades of Legacy

As we reflect on more than eight decades of our institution's journey, we find ourselves deeply connected to a rich cultural legacy that has shaped our identity. Our alumni network, spread across the globe, stands as a living testament to the enduring impact of our shared educational experience. With great anticipation for the upcoming Metallum event, we extend heartfelt invitations through a carefully crafted sponsorship manifesto, offering exclusive opportunities for meaningful connections with the distinguished guests who will grace the occasion.



Connecting Beyond Borders

Beyond the logistics of organizing an event, Metallum represents a unique convergence point—a space where our extensive alumni community, the vibrant student body at the esteemed Indian Institute of Engineering Science and Technology (IIST) Shibpur, and our esteemed chief guest and keynote speakers come together. This ambitious initiative seeks to go beyond geographical boundaries, fostering cross-continental conversations, nurturing collaborations, and creating an atmosphere for the exchange of profound insights.



Metallum's Global Impact

Metallum serves as bridge between academia and industry and at the core of this event there is commitment to the technological innovations.. Our outreach efforts extend to various social media platforms, where visually appealing posters and banners aim to capture attention and spark curiosity. Additionally, we're amplifying our presence on YouTube, sharing engaging videos that not only showcase the event but also shine a spotlight on the names of our esteemed patrons. These influential figures will take center stage in exclusive promotional videos, ensuring their stories resonate with a diverse global audience.



Outreach and Participation



With an anticipated attendance ranging from 3000 to 3500 students, Metallum envisions a daily engagement of 300 to 500 individuals, fostering a culture of knowledge exchange and forging meaningful connections. This collaborative commemoration not only honors our illustrious heritage but also lays the groundwork for academic excellence and advancements in metallurgical sciences.

Vision

The vision of "Metallum" is to assemble leading researchers and industry professionals for the purpose of exchanging the most recent advancements and progress in the field. The departmental festival comprises keynote speeches, technical sessions, poster presentations, and networking opportunities for attendees. The primary goal is to promote collaboration and facilitate the sharing of knowledge, aiming to spur innovation and advancements in the realms of metallurgy and materials engineering.

Mission

Creating a space for students to display their educational achievements and creative endeavors. Facilitating connections between students and distinguished figures in the field. Inspiring and supporting the aspirations of young minds to pursue careers in this domain. Striving for a gathering of all individuals affiliated with the Department of Metallurgy and Materials Engineering at IEST Shibpur.

Sponsorship Tariff

Title Sponsor

Rs. 1,00,000/-

Associate Sponsor

Rs. 75,000/-

Co-Sponsor

Rs. 50,000/-

Education partner

Rs. 30,000/-

Event Sponsor

Rs. 15,000/-

Food & Refreshment Partner

Rs. 10,000/-

Media Partner

Rs. 5,000/-

PAST SPONSORS



CONTACT US



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SSM-IEST, Shibpur



**Society of student metallurgists
SSM, IEST, Shibpur**



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