

# Indian Institute of Engineering Science and Technology, Shibpur

## Department of Mechanical Engineering



# Departmental Brochure

# Message from the Head of the Department

The inception of the Mechanical Engineering Department may be traced back to the pre-independence era of the country. The Department of Mechanical Engineering was established in 1921 (then under erstwhile Bengal Engineering College which was upgraded to BESU, Shibpur and subsequently converted to IEST Shibpur) with the initiation of a diploma course programme in Mechanical Engineering. The department has completed 102 years of its existence.

Since its inception, the department has come a long way and has witnessed remarkable evolutions during its long journey. The first degree-level course in Mechanical Engineering started on 18<sup>th</sup> July 1930. Post-graduate courses in the department started in the year 1954. Over the years, through its high level of teaching and research in mechanical engineering, the Department has earned a name and fame for itself, making significant contributions to this important field of engineering with world-class laboratories and smart classrooms. The alumni of this department are spread across the globe.

The Department offers 8-semester Undergraduate (UG, B.Tech. programme) and 4-semester Postgraduate (PG, M.Tech. programme) courses in Mechanical Engineering, with a current annual intake of 96 students in UG and 60 students in PG. A 10-semester Dual Degree B.Tech.-M.Tech. programme is also in place. The M.Tech. course will be available in one specializations, namely, Machine Design and Advanced Manufacturing Technologies.

The department has introduced new courses in emerging fields such as advanced micro and nano-manufacturing, additive manufacturing, biomedical engineering, hydrogen energy, zero-emission vehicles, robotics and AI&ML applications in mechanical engineering.

Most of the graduated students are working in reputable industries and R&D laboratories in India and abroad, Many students also choose to do higher studies and research in India and abroad. The department also runs a full-time PhD program, where currently about 45 research scholars are engaged.



**Dr. A Ganguly**

**Email: [hod@mech.iests.ac.in](mailto:hod@mech.iests.ac.in)**

**Phone: +91 (33) 2668 0525/6**

**VdP-3201**

# Precursory of the Department

- **Established in 1921** and celebrated its 'Birth Centenary' in 2021
- **The First Degree level course was offered in 1930**
- **Served as a mentor Institute during establishment of IIT Kharagpur in 1951.**
- **The First Postgraduate Degree course was offered in 1954**
- **In 1951 this department produced India's first female mechanical engineer (Ila Ghose, née Majumdar)**
- **The department has eminent presences of alumni worldwide**

# Vision and Mission of the Department

**To emerge as an internationally acclaimed and globally recognized department creating Mechanical Engineers and researchers of high quality who can contribute towards the development of the nation and the world.**

- Continuous development of the undergraduate and postgraduate programs, creating high-quality graduates and postgraduates of Mechanical Engineering who can take the challenges in real-life situations in the industrial world.
- To infuse creativity and innovation into the students and inspire them to take up research and higher studies in different national and international organizations.
- To make the students aware of professional ethics, social responsibilities, and environmental impacts.
- The department is committed to provide comprehensive career guidance and placement support through effective counselling, training and mentorship programs.
- To make the course curriculum and the teaching and learning process of high standard by continuously improving it from time to time as per the needs of the technological world and to keep it aligned with the national policy.

# Program Educational Objectives (PEOs)

- ▶ **PEO-1:** To impart in-depth knowledge and training in different fields of Mechanical Engineering and also fundamental knowledge of other related branches of engineering to take the challenges of industry and advanced research.
- ▶ **PEO-2:** To impart knowledge in the related fields like mathematics, basic science, management and social sciences.
- ▶ **PEO-3:** To infuse creativity and innovations into the students to inspire them to take up research and higher studies in different national and international organizations.
- ▶ **PEO-4:** To include the new elements and modern tools in the curriculum so that the students can handle the challenges for technological advancement and new fields of research.
- ▶ **PEO-5:** The program should make the students aware about the literature review process on a topic, professional ethics and sustainable development of the society.

# Program Specific Outcomes (PSOs)

- ▶ **PSO-1:** Mechanical engineering belongs to the core engineering branch in which field application is very important. The course curriculum must be designed in such a way that the fundamental knowledge is integrated to solve complex problems across the wide spectrum of engineering. Thus the graduates from this program should be able to adapt to difficult real-life situations and new design challenges.
- ▶ **PSO-2:** The program must be equipped with various modern tools for computational analysis and simulation of real-life situations so that the graduates will be able to give solution to a complex problem or to investigate the causes of failure for a particular design.
- ▶ **PSO-3:** As mechanical engineering, in many spheres, is involves a teamwork in industry or in a research organization, this program will give enough scope for improvement of communication and presentation skills, and also to work efficiently in a team.

# Academics

## ► Current Intake:

96 UG students, 60 PG students, 45 Regular Ph.D. scholars

## ► Programmes:

8 Semester B.Tech. in Mechanical Engg.,

10 Semester Dual Degree (B.Tech.-M.Tech.),

4 Semester M.Tech. in the following specializations:

- 1) ADVANCED MECHANICAL DESIGN AND SMART MANUFACTURING
- 2) THERMAL SCIENCE AND ENERGY TECHNOLOGIES

Ph.D. (Engineering)

## ► Propositions: The department inceptions to

- 1) Have NBA Accreditation soon
- 2) Increase the specializations in the PG programme, incorporating emerging interdisciplinary areas.

# Specialization: MACHINE DESIGN

## Potential Research Area:

- Ultrasonic NDT, Ultrasonic Tomography, Fractal Analysis in NDE
- Dynamics and Vibrations, Vibration and Control, Non-linear and Time delayed systems
- Non-Conventional Machining, Additive Manufacturing
- CAD/CAM
- Computational and Experimental Biomechanics
- Advanced Materials (FGM, Biomaterials, Composites, Ceramics) Additive Manufacturing
- Computational Plasticity, Fracture Mechanics and Damage Analysis
- Material Modelling and Finite Element Analysis
- Machine Learning and Optimization



Prof. D. Datta



Prof. S. Chatterjee



Prof. P. P. Dey



Dr. B. Pal



Dr. A. Das



Dr. S. Das



Dr. S. Bhattacharjee

# Specialization: MANUFACTURING SCIENCE

## Potential Research Area:

- Cutting Tools Development using Advanced Materials
- Material Characterization and Optimization
- AI&ML based Modelling and Optimization of Manufacturing Processes,
- Robust and Intelligent Manufacturing
- Conventional, Non-Conventional and Advanced Machining
- Micro and Nano Manufacturing
- Welding
- Metal and Non-Metal Additive Manufacturing
- Laser Material Processing
- Energy Beam Processing
- Tribology, Surface Coatings, Electro Depositions, Biomaterial Coatings
- Processing of Cellular Structures & Metal Foams
- Fluid Flow and CFD Optimization



Prof. S. C. Mondal



Dr. A Guha



Dr. R Chakraborty



Dr. D Das



Dr. S Sardar



Dr. M S Raza

# Specialization: Thermal Engineering

## Potential Research Area:

- Combustion
- Alternative Fuel
- Fluid Flow Analysis, Biological Flow Systems, CFD and Numerical Heat Transfer
- Refrigeration and Combined Cycle
- Renewable Energy
- Solar Thermal and PV System, Solar Hydrogen Systems
- Clean Coal Technology
- Advanced power Generation
- Energy System Modelling
- Greenhouse Technology
- Desiccant Based Cooling System
- AI&ML assisted Modelling



Prof. B K Mandal



Dr. S Ghosh



Dr. A Ganguly



Dr. U Rana



Dr. M Kumar



Dr. K Pradhan



Dr. R Akula



Dr. K K Dewangan

# Advanced Experimental Infrastructure



3D Non-Contact Profilometer



Ultrasonic Testing of Rubber & Composite

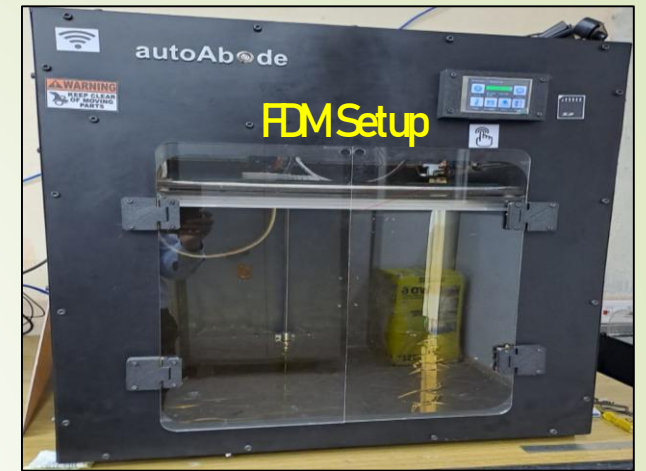
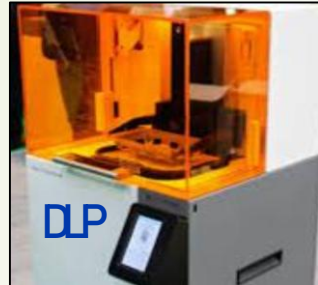


TRIBOMETER WITH 1000°C  
RECIPROCATING LINER DRIVE

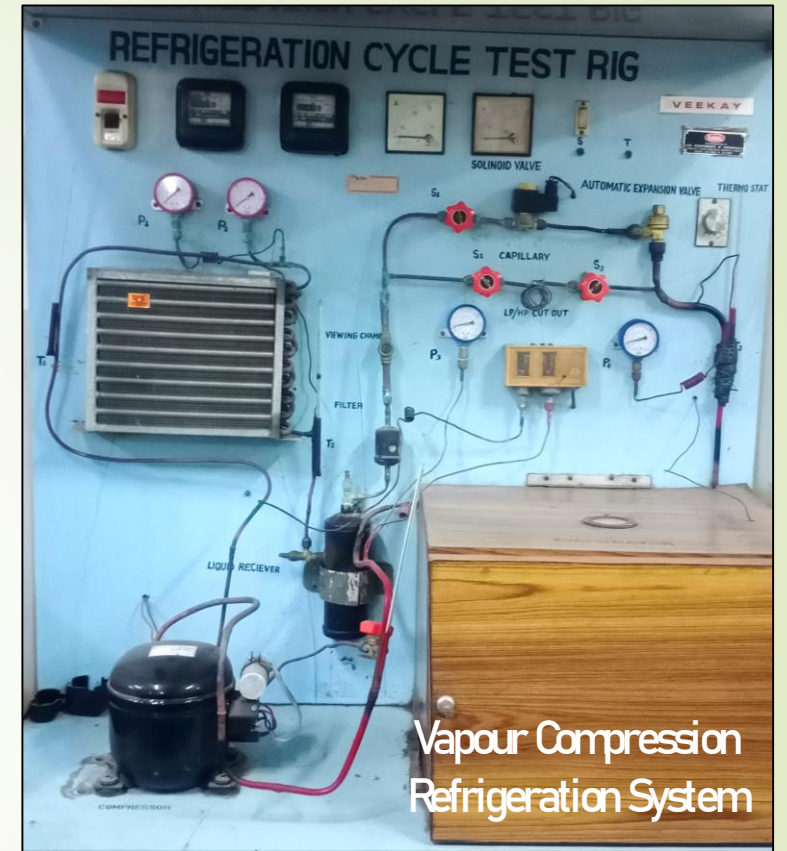


Vibration Testing Setup

# Infrastructure ...contd.



# Infrastructure ...contd.



# Recent Department Activities



**3rd International Conference on**  
**Energy Resources and Technologies for Sustainable Development**  
**ICERTSD 2025**  
*Commitment to Sustainability*  
organised by  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR**  
in association with  
**Chirasree Centre for Sustainable Infrastructure Development (CCSID), IEST, Shibpur**

**Sponsors and Partners**  
Ansys | Springer Nature | ecosense

<b>Pre-Conference Workshop</b> Modelling and Analysis of Energy Systems	<b>Exhibition</b> Energy associated industries/organizations will showcase their products.	<b>Poster Competition</b> "Product-A-Thon" organized by Thermal Associate Pvt. Ltd.
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+91 73806 78433 (WhatsApp)  
icertsd.iestmech@gmail.com  
IEST Shibpur, WB, India  
11-12 September 2025



# Activities ...contd.



**5-Day Faculty Development Programme on**

## Frontiers in Advanced Manufacturing Technologies





**01 – 05 December 2025, Online Mode**

Organized by  
Department of Mechanical Engineering,  
Indian Institute of Engineering Science and Technology Shibpur, (formerly BE college),  
Howrah, West Bengal, India-711103

**Important Dates**  
Registration opening: Oct 27, 2025  
Registration closing: Nov 30, 2025

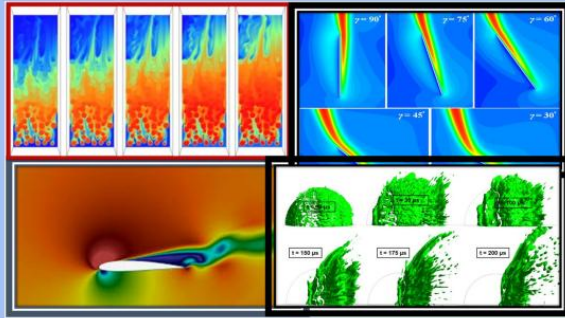
**Coordinators:**  
Prof. Subhas Chandra Mondal, Professor and Head of the Department  
Dr. Rajib Chakraborty, Assistant Professor  
Dr. Mohammad Shahid Raza, Assistant Professor

**5-Day Faculty Development Programme on**

## Advances in Numerical Heat Transfer and Fluid Flow

**08 - 12 December 2025**



organized by  
Department of Mechanical Engineering  
Indian Institute of Engineering Science and Technology Shibpur,  
Howrah – 711103, West Bengal, India

**Important Dates**  
Registration opening: Oct 25, 2025  
Registration closing: Dec 05, 2025

**Contact Persons**  
Dr. Kaustav Pradhan (Coordinator)  
(7384470901; kaustav@mech.iests.ac.in)  
Dr. Debasish Das (Co-coordinator)  
(9064614254; debasish@mech.iests.ac.in)



**IIEST Shibpur**

**5-DAY EXECUTIVE DEVELOPMENT PROGRAM**  
On  
"Mechanical Design and Fabrication Techniques for Railway, Automotive and Manufacturing Industries in Accordance with Industry 4.0"  
DATE: 19TH JAN - 23<sup>RD</sup> JAN 2026

Organized by  
Department of Mechanical Engineering  
**IIEST, Shibpur**  
Howrah, West Bengal, India-711103



**RESOURCE PERSONS**

Broad Themes

- Design for next generation trains and wagons
- Casting and fabrication techniques incorporating industry 4.0.
- Uses of advanced material for railway automotive industries.
- 3D printing techniques for various applications.
- Various testing methodology and uses of Artificial Intelligence and Machine Learning for optimum output.
- Intelligent and smart manufacturing.
- Future road map for railway and automotive sectors

Registration QR Code

For More Details QR Code

Payment Link: UPI ID: 9432104410m@pnb  
Mention "MDFTRAM-2026" during payment

Target Participants: (a) Industry, (b) Academia and (c) PG/PHD Scholars

Registration charge:  
(a) ₹ 5,000 + 18% GST = ₹ 5,900  
(b) ₹ 4,000 + 18% GST = ₹ 4,720  
(c) ₹ 2,000 + 18% GST = ₹ 2,360



**5-Day Faculty Development Programme on**

## Application of AI/ML in Mechanical Engineering

Organized by  
Department of Mechanical Engineering  
Indian Institute of Engineering Science and Technology,  
Shibpur (formerly BE college),  
Howrah, West Bengal, India-711103

**02 Feb – 06 Feb 2026, Online Mode**

Registration Open →

Registration link: <https://prourls.link/CgUdTx>

Faculties, Researchers and Students from Academia and Industry.

Per participant Registration charge  
Research Scholar/PG Scholar- 1,000 + 18% GST = 1,180 INR  
Faculty Member- 1,500 + 18% GST = 1,770 INR  
Industry/R&D Organization- 5000 + 18% GST = 5,900 INR

Payment link: UPI ID: 9432104410m@pnb  
Kindly mention "AAiME-2026" during payment.





**5-Day Faculty Development Programme (Online)**  
on  
**Monitoring & Modelling of Manufacturing Processes with Advanced Materials (M3PAM)**



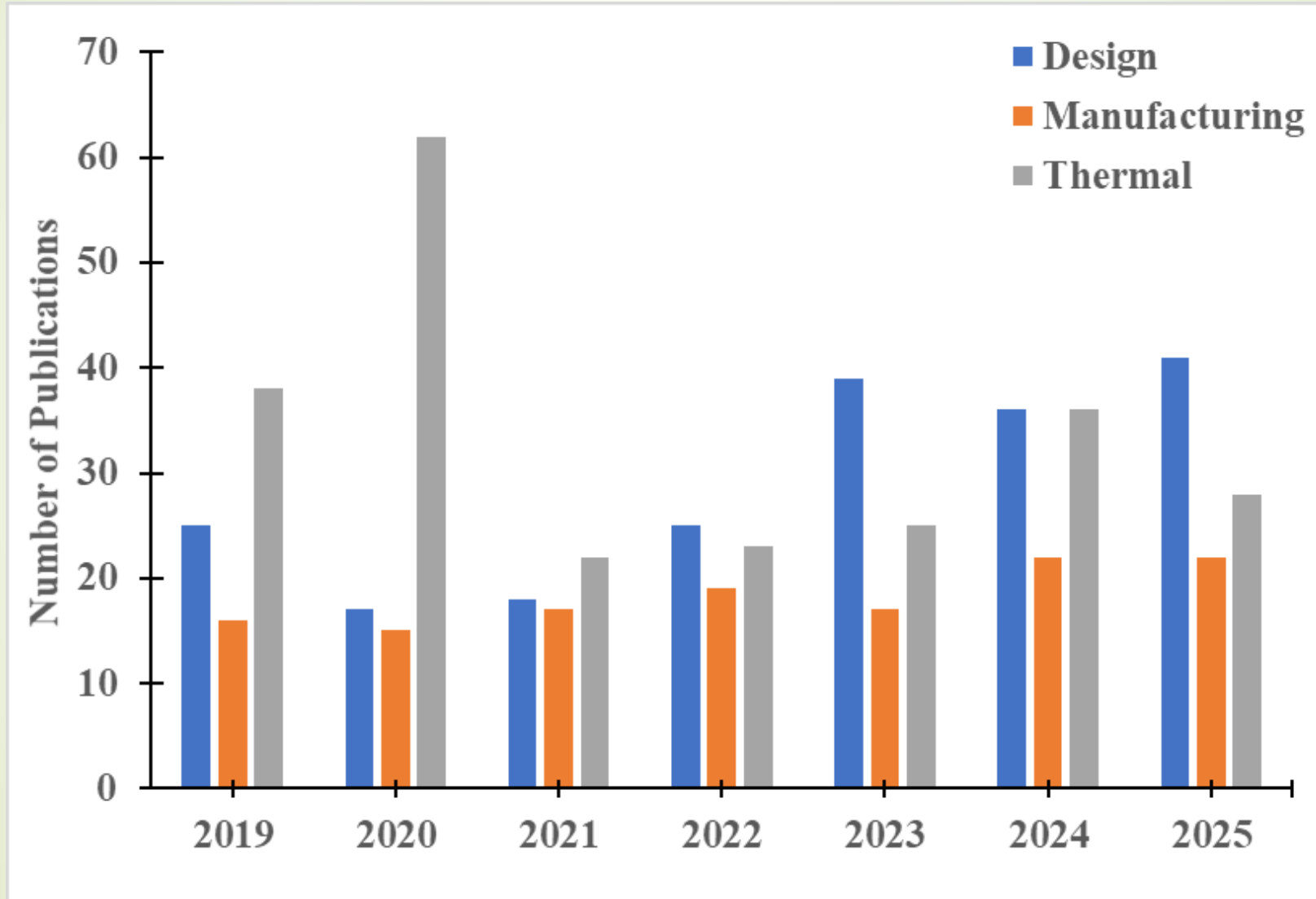
**16 – 20 February 2026, Online Mode**

Organized by  
Department of Mechanical Engineering,  
Indian Institute of Engineering Science and Technology Shibpur, (formerly BE college),  
Howrah, West Bengal, India-711103

**Important Dates**  
Registration opening: Jan 16, 2026  
Registration closing: Feb 15, 2026

**Coordinators:**  
Prof. Subhas Chandra Mondal, Professor  
Dr. Debasish Das, Assistant Professor  
Dr. Kaustav Pradhan, Assistant Professor

# Achievements: Research and Publications



# Achievements: Recent Projects

- **Investigating the Feasibility of Using Biodegradable Mg-Alloy as an Implant Material for Treating Femoral Neck Fractures** (Ongoing); Sponsored, PAIR Project, PI: Dr. B. Pal, Co-PI: Dr. A. Das,
- **Design and Analysis of Artificial Intervertebral Disc using Advanced Materials and Structures** (Ongoing); Sponsored, PAIR Project, PI: Dr. B. Pal, Co-PI: Dr. A. Das
- **ICME-enabled high-throughput experimentation and mechanical testing for developing next-generation alloys for aerospace applications** (Ongoing); Sponsored, PAIR Project, 300L, Co-PI: Dr. R. Chakraborty
- **Development of nano-ceramic particle-reinforced Nickel-based super alloy matrix composites through laser Additive Manufacturing for aerospace applications** (Ongoing); Sponsored, PAIR Project, 580L, PI : Dr. R. Chakraborty
- **Development of Solar Assisted Self-Sustained Circular Greenhouse for Protected Floriculture and Horticulture** (Ongoing); Sponsored, WB DST, 24.5L, PI: Dr. S. Ghosh, Co-PI: Dr. K. Pradhan

# Achievements: Recent Consultancies

- **Prof. Subhas Chandra Mondal** has **one ongoing** consultancy project with RVNL
- **Dr. Aritra Ganguly** has **two completed** and **one ongoing** consultancy project with Top Grip Instruments Ltd. of 3.2 lacs.
- **Dr. Apurba Das** has **ten completed** and **two ongoing** consultancy projects. The total value is approx. 52 lacs.

# Achievements: Recent Patents

- Dr. Aritra Ganguly, **Portable PV Solar Kit for BVCM**, Indian Patent Application No. 202531014683, Date of Publication: 28/03/2025, Status: Published
- Dr. Apurba Das, **Silica Coated Melting Oven for Production of Metal Artifacts**, Indian Patent Application No. 409157-001, Journal Date: 26/04/2024, Status: Accepted
- Dr. Apurba Das, **Mechanised paint and rust remover for industrial and domestic use: scrub100**, Indian Patent Application No. 202331050574 A, Date of filing of Application: 26/07/2023, Status: Published
- Dr. Apurba Das, **Wheelchair to patient bed: quick conversion**, Indian Patent Application No. 202331029112 A, Date of filing of Application: 21/04/2023, Status: Published
- Dr. Debasish Das, Hugar, R, Manna, A. **Modified fixture for cryogenic cooling during welding**. Application No. 202311026775. Date of Application: 13.04.2023, Status: Published
- Dr. Mukesh Kumar, **Wood Cutting Apparatus**, Indian Patent Application No. 202011013357, 01/10/2021, Status: Published
- Dr. Apurba Das, **Regenerative horn**, Indian Patent Application No. 202031041498 A, Date of filing of Application: 24/09/2020, Status: Published

# Student's Achievements

- **Rajdeep Sarkar** – GAABESU Research Award 2025; Phd offer from IIT Kanpur; He has 2 Publications. Organised Mechanical SIG, IMPETUS 9.0, and Alumni Day 2025. Participated in 'Lab to Market' workshop by IHFC IITD
- **Bishesha Dash** – GAABESU Research Award 2025; Homi-Bhabha Scholarship; She has 2 Publications. Participated in National Conference on Industrial Problems on Machines and Mechanisms, 2025.
- **Tuhin Mondal** – GAABESU Alumni Fellowship 2025 for Excellence. He received Research Grant for a 6-month research project from IHFC Ready Program associated with IIT Delhi. participated as Student Volunteer in ICERTSD 2025 Conference and GAABESU Global Alumni Day 2025
- **Sneha Rani** – GAABESU Alumni Fellowship 2025 for Excellence
- **Abhishek Kumar** – GAABESU Scholarship Award for Academic Excellence, 2025. He won the 3rd prize at Verse Wars poetry competition organized by LitSoc IEST, Shibpur
- **Komal Sharma** – SOFE India 2025 Winner and represented the country in South-Asian Level.
- **Diya Hansda** – Gold in Long Jump, Gold in 200mtrs, track event, Bronze in 400mtrs, bronze & silver in relay races, in Annual Athletic Meet 2026. Organised IFL 1.0 (IEST football league for girls) and participated in All India Inter NIT 2025 and reached quarter final in Futsal, held in NIT Jamshedpur
- **Akash S** – Champion of Champions Track Events, 4 Gold medals in 800m, 1500m, 3000m and Inter-Hostel Relay Race, Silver in Inter-Department Relay Race, Bronze in Inter-Year Relay Race respectively in Annual Athletic Meet, 2025. He was the Main Coordinator in IMPETUS 9.0, 2026. He participated in multiple All India Inter-NIT Tournaments - Kho-kho 2025 at NIT Rourkela, Kabaddi 2025 at NIT Delhi.

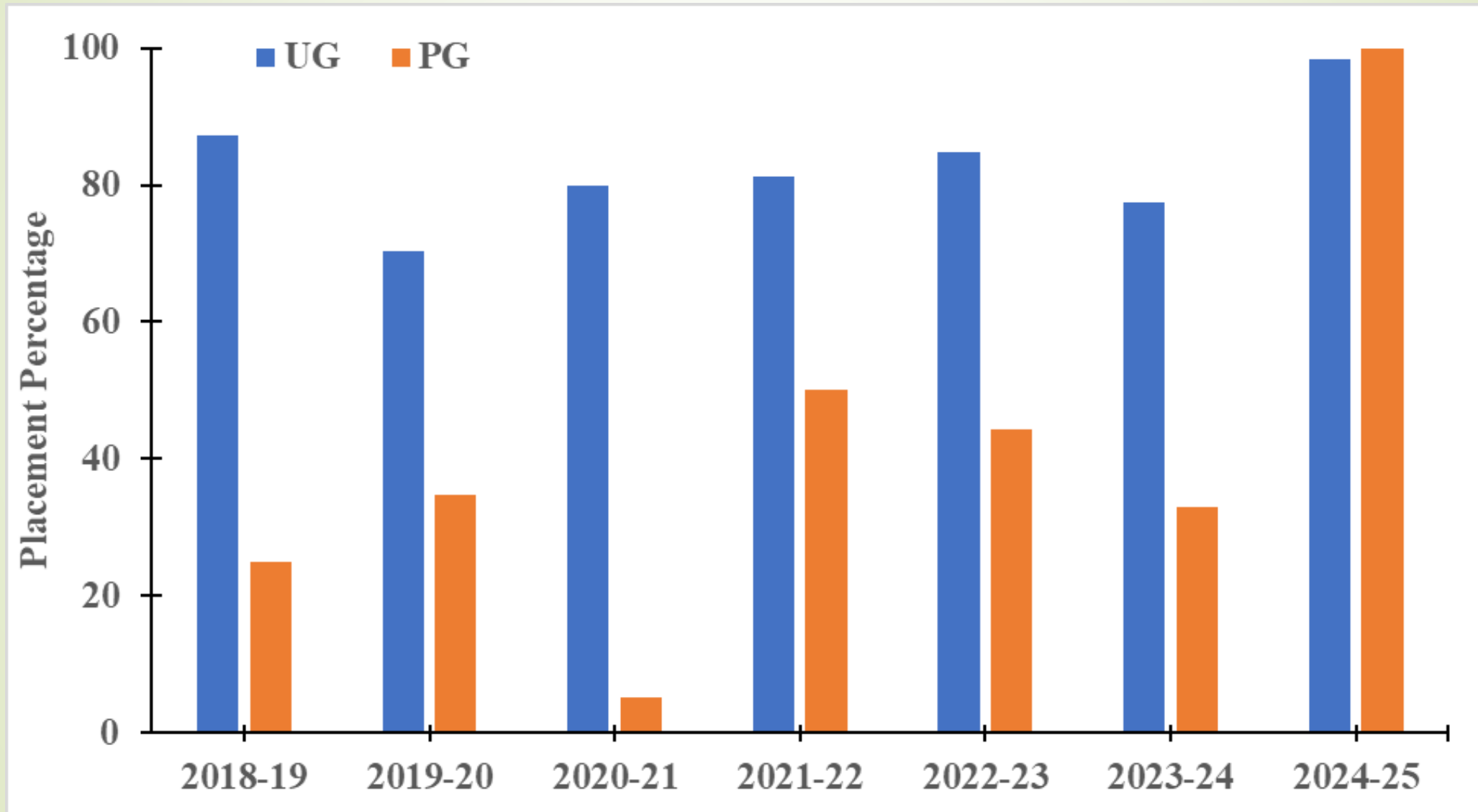
# Training and Placement

- The students and scholars, from this illustrious department, are present worldwide through excellence
- Around 80% of the eligible students choose industry (in India and Abroad), whereas, the rest are interested in academics (in India and Abroad)
- Summer Training and Internships (paid/unpaid) are mandatory. Some industry/Institute offers placement to the trainees and interns based on their performance and sincerity.

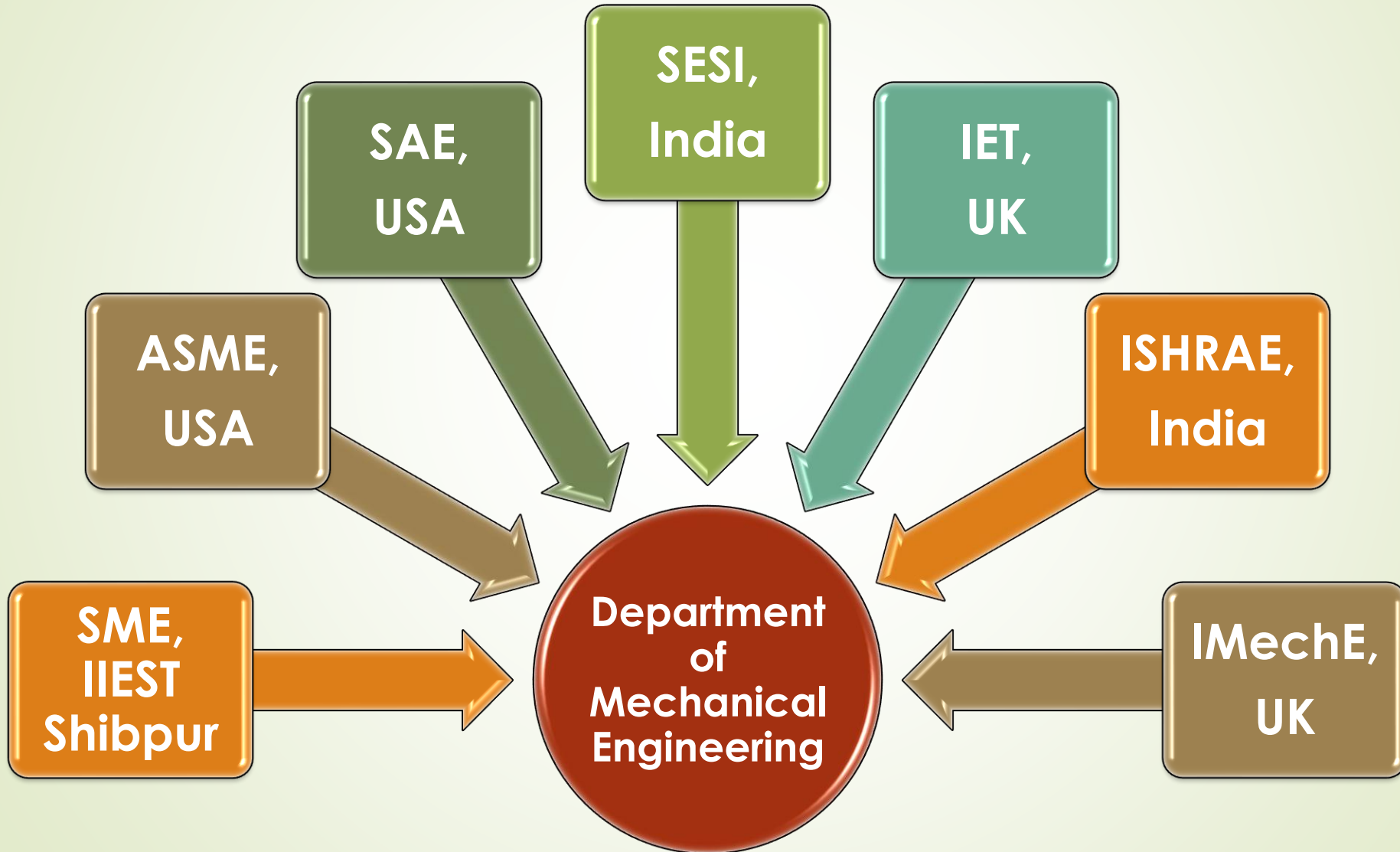
## Some Major Recruiters

**Maruti Suzuki, Aditya Birla Group, L&T, Tata Power, CESC, Tata Steel, Haldia Petrochemical, Vedanta, Tega Industries, Titagarh Wagon, Bajaj Auto, Arcelor Mittal Design, Price Waterhouse Coopers, PwC India, CGI Information, TCE, Tata Projects, Tata Bluescope Steel, Tata Bhushan Steel, MN Dastur, DCPL, Hyundai Elegant Marine Services, Bridge & Roof, SMS India, Ernst & Young, TCS, Infosys, Cognizant, Capgemini, Reliance, Kion Dematic**

# Placement Records (Excluding Higher Education)



# Society and Associations



# Students Activity

we are in top **15** of 52 in the **SAE BAJA INDIA 2026** preliminary round

**YANTRIK**  
RACE AGAINST TIME

Logos: IIST, YANTRIK, SAE, IIST

SOCIETY OF MECHANICAL ENGINEERS, IEST, SHIBPUR

warmly invites you to **Teachers' Day** Celebration

**THURSDAY 04 AT 5 PM**

Drawing Hall, Department of Mechanical Engineering

Logos: IIST, ASME, IEST SHIBPUR, ISHRAE, SAE, IIST

ASME IEST SHIBPUR STUDENT SECTION

**CAREER GUIDANCE SESSION**

**Rahul Ghosh**  
Manager  
Maruti Suzuki India Limited  
IESTS Alumni : Batch 2012-2016

**EXPERIENCE**

- ADAS Design and Development division
- 9 Years of Experience in Development of Advanced Braking System
- 4.5 Years of Experience of Working at Suzuki Headquarters, Japan

18 July, 2025  
6.30 PM (IST)

Google Meet  
Scan to Join

**MARUTI SUZUKI**

ASME IEST Shibpur

PRESENT **ASTRODRAFT**  
DESIGN THE FUTURE OF SPACE TECH

BRACE YOURSELVES FOR A 50-HOUR COSMIC CAD SHOWDOWN!

Design Tools Allowed: SolidWorks | Fusion360

Prizes worth **6K !!**

Date: 11/07/2025  
Venue: Online Event

CONTACTS:  
Harsh: 8240541513  
Chanchal: 8368678483

ASME IEST SHIBPUR STUDENT SECTION

ASME IEST SHIBPUR STUDENT SECTION PRESENTS **TECH MANTHAN**  
A TECHNICAL DEBATE COMPETITION

TEAMS ALLOWED UPTO 3 MEMBERS

Exciting cash prizes

Venue: Gallery 5, Department of Mechanical Engineering

Contacts: Ayush-8972851567, Diptee-7757957853

Time: 4:30 pm Date: 20/08/2025

ASME IEST SHIBPUR STUDENT SECTION

ASME IESTS IN COLLABORATION WITH QUIZMANIAC BEINGS PRESENTS **PRAGYANAM**  
A SCI-BIZ-TECH QUIZ COMPETITION

EXCLUSIVELY FOR FRESHERS

Teams of 2 members each

Exciting prizes

Date: 08/09/2025  
Time: 4:30 pm  
Venue: Gallery 5, Department of Mechanical Engineering

Contacts: Ayush-8972851567, Sagnik-9873672463

ASME IEST SHIBPUR STUDENT SECTION



IMECHE IESTS Students Chapter presents **EXPLAIN LIKE I'M 15**

An Online Video Presentation Competition

LANGUAGE: ENGLISH  
DURATION: 4 MINS

SCAN HERE  
RSVP Rule Book

Submission Deadline  
12 Sep, 2025, Friday  
11.59 PM

Akshat: 75480 71485  
Ayush: 89728 51567

IMECHE IESTS STUDENTS CHAPTER

# Students Activity

**SAE IEST Shibpur Students' Chapter**  
presents  
**CAD WORKSHOP** Shape the Future  
Become a Master of CAD Innovation.

**FREE!**

29/10/2025  
4:30 pm  
Gallery 5,  
Dept. of Mechanical Engineering

REGISTER NOW

@saeiest @sae.iests SAE IEST Shibpur Students' Chapter

**IMEchE IESTS Student Chapter**  
Presents  
**SOFE** Speak Out For Engineering  
Technical Presentation Competition

Winner and Runner up  
advance to the next  
round

28th Oct, 2025  
4:30 PM  
Conference Hall,  
Department of Mechanical Engineering

Register now:

Kishore: 96414 35117  
Nikhil: 78580 10472

@imeche\_iests

**SAE IEST Shibpur Students' Chapter**  
presents  
**AUTO-QUEST**  
Driving solutions for modern mobility

**IDEA PITCHING  
COMPETITION**

Team size:  
2 Members  
(Maximum)

At Seminar Hall, Mechanical Department, 1st Floor  
Date: 6<sup>th</sup> November 2025, Thursday  
Time: 4:30 PM

@saeiest @sae.iests SAE IEST Shibpur Students' Chapter

**INSTRUO 14.0**  
presents  
**CAD CATALYST**

Prize Pool: 6k

CONTACT:  
Ayush Dutta  
8972851567

SCAN HERE

instruo.iests instruo\_iests instruo.tech instruo.iests

**ASME IEST SHIBPUR STUDENT SECTION**  
organizes  
**CAREER GUIDANCE  
SESSION**

**Subhechha Paul**  
PhD/MS Student  
Stanford University  
IESTS Alumni : Batch 2017-2021

**EXPERIENCE**

- Graduate Researcher, Stanford University Working on energy systems with a focus on reducing emissions in the steel industry through efficient ironmaking reaction mechanisms.
- DAAD WISE Scholar (2020) Research internship at Technische Universität Berlin.

10 Jan, 2026  
11 AM (IST)

Stanford University

ASME IEST Shibpur

**Society of Mechanical Engineers,  
IEST, Shibpur**  
cordially invites you to

**Freshers  
WELCOME**  
Batch 2024-2028

Wednesday | 25 March | 3:00 Pm  
Institute Hall, IEST, Shibpur

**IEST, Shibpur Mechanical Engineering SIG  
A GAABESU Initiative**

**Powering the Future:  
Engineering the Next  
Generation of  
Electric Vehicles**

March 7, 2026  
08:00 to 09:00 PM IST  
09:30 to 10:30 AM EST

**Guest Speaker  
Dr. Narayan Kar**  
Tier 1 Canada Research Chair in Electrified Vehicles  
Distinguished University Professor  
University of Windsor, Canada

SCAN TO JOIN

**IEST, Shibpur Mechanical Engineering SIG  
A GAABESU Initiative**

**The Paradigm Shift: Digital Transition Reshaping the 100-Year-Old  
Mobility Industry**

**Guest Speaker**  
**Dr. Partha Goswami**  
IIT Kharagpur Alumnus (83)  
Mobility Strategist & Futurist  
Detroit Auto Industry Expert (30+ Years)

**Special Guest**  
**Dr. Bijan Kumar Mandal**  
Professor  
Department of Mechanical Engineering  
IEST, Shibpur

March 14, 2026  
08:00 to 09:00 PM IST  
10:30 to 11:30 AM EDT

Scan to join

# Students Activity – IMPETUS 9.0



# Students Activity – IMPETUS 9.0

**IMPETUS 9.0**  
Presents  
**VALORANT**

Prize Pool  
8k

Register Now

Contacts:  
Arman Wankhede (744871318) Sachin Yadav (915240787)  
@smeeconnect@gmail.com

**IMPETUS 9.0**  
presents  
**SCRAPYARD**

4:00 PM - 9:00 PM  
Gallery 6  
13th Feb, 2026

Prizes Worth **8K**

Register Now

Shubhakar Ghosh 9815080573  
Jyendra Kumar 630065164

**IMPETUS 9.0**  
PRESENTS  
**DEATH RACE**

12:00 PM  
Netaji Bhawan  
14th Feb, 2026  
Rohan : 9321234004

PRIZES WORTH **10K**

Register Now

Swayam : 7983873384

**IMPETUS 9.0** presents  
**MECHATLON**

VISUAL DIMENSION ESTIMATION  
CATAPULT BUILDING CHALLENGE  
PRECISION AIMING TEST

7:00 - 8:30 PM  
Netaji Bhawan  
13th Feb, 2026

Prizes Worth **8K**

Register now

Arvi Kumari (8935810904) Mansi Mehra (9368550521)  
@smeeconnect@gmail.com

**IMPETUS 9.0**  
presents  
**YANTRA SEARCH**

13th Feb, 2026  
1:30 PM - 5:00 PM

PRIZES WORTH **8K**

Register Now

Dangeshi Yadav : 9324451365  
Sudshru Harje : 7367993171

**IMPETUS 9.0**  
presents  
**CADATHON**

7:30 - 9:00 PM  
Computer Centre (Library)  
13th Feb, 2026

PRIZES WORTH **8K**

Register now

Bikram Pal: 6296991941  
Agniva Hazra : 9749424075

**IMPETUS 9.0**  
Institution of Mechanical Engineers  
Impetus 9.0 & IMechE YM panel  
presents  
**IQ IGNITION**

14 FEBRUARY, 2026  
11:00 AM  
INSTITUTE HALL,  
NEST, SHIBPUR

PRIZE WORTH : ₹10K

Rudra Chakraborty  
(Quiz Master)

**IMPETUS 9.0**  
x **TEGA INDUSTRIES'**  
presents  
**MINEXPERT**  
Case Study Challenge

13th Feb, 2026  
Conference Hall, Department of  
Mechanical Engineering

Rewards  
PAID SUMMER INTERNSHIP

Contact:  
Akash- 94442 65824  
Akshat: 75480 71485  
Ritesh- 82911 64387

**IMPETUS 9.0**  
presents  
**DRONE PURSUIT**

PRIZES WORTH : 40K

7:00 PM  
14th Feb, 2026  
BE College Model  
School Ground

Register Now

AVUSH DUTTA : 8972851567  
BONTHA LUBHITHI : 8074677491  
SHUBRAJYOTI SAHA : 8918306396

# Closing Remarks

"When you want to know how things really work, study them when they're coming apart"  
— William Gibson

"Knowing is not enough; we must apply. Being willing is not enough; we must do."  
— Leonardo da Vinci

"Failure is simply the opportunity to begin again, this time more intelligently."  
— Henry Ford

"Strive for perfection in everything you do. Take the best that exists and make it better. When it does not exist, design it"  
— Sir Henry Royce

"I was taught that the way of progress was neither swift nor easy."  
— Marie Curie