DEPARTMENT OF MECHANICAL ENGINEERING

The Mech Manuscript

FROM DRAFTING BOARDS TO POWER PLANTS: STORIES THAT INSPIRES

✦ NOVEMBER 2025

ADDITIVE MANUFACTURING IN MECHANICL ENGINEERING NEXT FUTURE!

Good morning faculty members and dear students.
Additive Manufacturing, or 3D Printing, is rapidly transforming the future of Mechanical Engineering. Unlike conventional methods, it builds components layer by layer, enabling complex designs, lightweight structures, rapid prototyping, and reduced material waste.

DR. KRISHNENDU MONDAL
(HOD, ME DEPT.)

Industries such as aerospace, automotive, healthcare, and defense are already benefiting from this technology. When combined with AI, advanced materials, and digital manufacturing, additive manufacturing opens new possibilities for innovation and sustainable production. For our students, this is a powerful opportunity. The mechanical engineer of the future must blend core engineering fundamentals with emerging technologies like additive manufacturing.

As we look ahead, the integration of additive manufacturing with AI, simulation, topology optimization, and advanced materials will further revolutionize product development.

In conclusion, additive manufacturing is not just an alternative process—it is a paradigm shift. It complements traditional manufacturing while opening new frontiers of design, efficiency, and sustainability.

Thank you, and I wish you all a bright and successful future.

STUDENT'S ACHIEVEMENT

It's an absolute honour for our department to share a list of student's achievement, it'll definitely encourage our junior students!

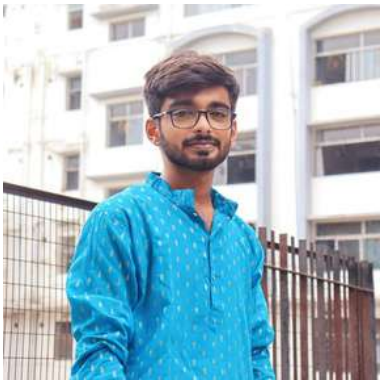
- SAIKAT HAZRA PLACED AT LLYODS ENGINEERING COORPORATION PVT.LTD

SAIKAT HAZRA

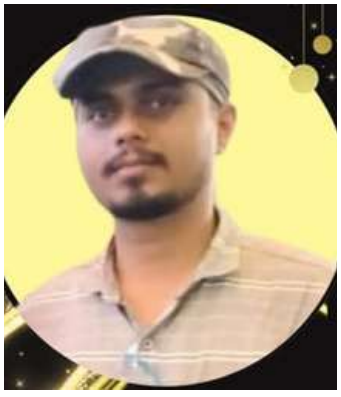
MANICHAND TUDU

- MANICHAND TUDU PLACED AT TEXMACO RAIL AND ENGINEERING PVT.LTD

- SUMAN CHAKROBORTY RECIEVED BEST EMPLOYEE AWARD AT NS FORGINGS PVT.LTD



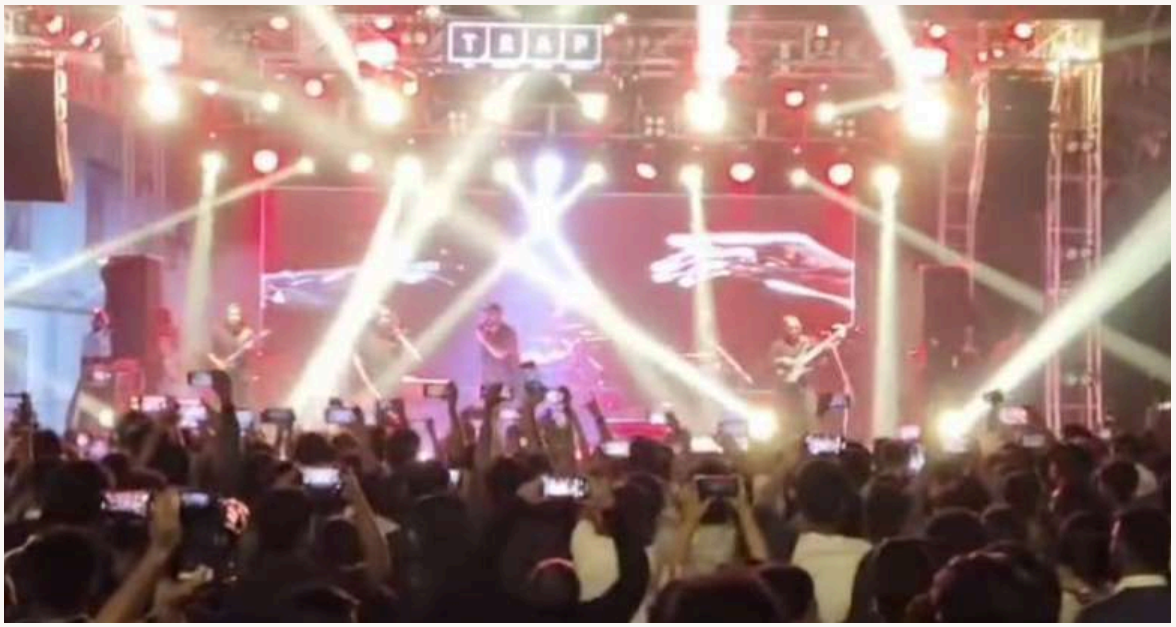
SUMAN CHAKROBORTY



BIKASH SINGH

- JAYANTA MONDAL PLACED AT NEEL METAL PRODUCTION LTD (JBM GROUP)

COLLEGE FEST : FLAMES 2025



Our college proudly organized its annual cultural fest, FLAMES, a vibrant and much-awaited event that brought together students, faculty members, and staff in a celebration of creativity and enthusiasm.

The event showcased a wide range of performances by talented artists, including singing, dancing, DJ performances, and other cultural acts. Each performance reflected the passion, confidence, and artistic excellence of our students, keeping the audience engaged throughout the program.

The success of FLAMES was made possible through the collective efforts of the organizing committee, student volunteers, and faculty coordinators. The event once again highlighted our institution’s commitment to nurturing creativity, talent, and holistic development.

FLAMES was not just a fest, but a celebration of youthful spirit and artistic expression, leaving behind lasting memories for everyone involved.

ALUMNI'S TALK

I am Himanko Gain, an alumnus of the Mechanical Engineering Department and currently working as an Engineer at Garden Reach Ship Builders & Engineers, Kolkata. It feels proud and nostalgic to stand here today.
The strong fundamentals, practical exposure, and guidance I received from this department have helped me greatly in my professional journey. My work at GRSE has taught me the value of discipline, precision, and continuous learning.
To my juniors, I would like to say–build your basics strong, stay curious, and keep upgrading your skills. Mechanical engineering offers immense opportunities if you stay focused and dedicated.
I am grateful to my teachers and my department for shaping my career.
Thank you for having me here today.

HIMANKO GAIN

I am Subham Chakraborty, an alumnus of the Mechanical Engineering Department, and currently working as an Engineer at Tega Industries Ltd. It is a matter of great pride for me to return to my department and share a few words with you.The strong fundamentals, practical learning, and constant guidance from our faculty during my student life have played a key role in my professional growth. Working in an industrial environment has taught me the importance of problem-solving, teamwork, and continuous skill development.
To my juniors, I would like to advise you to focus on your basics, gain hands-on experience, and stay updated with industry requirements. Mechanical engineering has vast scope if you remain dedicated and adaptable.
I sincerely thank my teachers and this department for shaping my journey.
Thank you for giving me this opportunity.

SUBHAM CHAKRABORTY

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