



DEPARTMENT OF MECHANICAL ENGINEERING

“NO TECH WITHOUT MECH”

The department of Mechanical Engineering, Swami Vivekananda University offers state of the art education, well equipped classroom, high end laboratories and cutting-edge research facilities for the students to create, enable, apply and spread knowledge in the advanced field of Mechanical Engineering. In addition to curriculum courses, the department contributes to value added courses, guest lecture by industry experts, industrial visits and various add on activities for the students to make them future ready technocrats of academia & industry. We are committed to work in emerging areas and to develop sustainable technologies & innovations pertaining to mechanical engineering and its allied sectors.

WHAT'S NEW

- Industrial Visit to Prism Johnson Limited RMC India
- Viva-Voce defenses of two PhD scholars
- Placement Update
- Hosting visit of Utkarsh Bangla Representatives
- Active participation in ICEDC 2026

EDITORIAL

In pursuit of Swami Vivekananda University's vision of excellence, innovation, and entrepreneurship, the Department of Mechanical Engineering is committed to contribute the best possible and feels immense pleasure to share this newsletter with all of you. The department has a vision to emerge as an excellent center of skill-based learning in Mechanical Engineering to develop professionals who are technically competent, ethical and capable of addressing the changing societal needs with credibility. The department has focused to continued enhancement of its facility to cater the overall anticipation of industry and academia. We are thrilled to announce several exciting developments at our department. Department of Mechanical Engineering of Swami Vivekananda University continues to shine with recent accomplishments. During this month, the **Department of Mechanical Engineering at Swami Vivekananda University** conducted several important academic and professional activities. Students participated in an **industrial visit to Prism Johnson Limited RMC India**, gaining practical industry exposure. Two **PhD scholars successfully completed their viva-voce defenses**, marking significant research achievements. The department also shared positive **placement updates**, reflecting strong industry connections. Additionally, the department **hosted representatives from Utkarsh Bangla** to discuss skill development initiatives. Faculty members also **actively participated in the ANRF-sponsored ICEDC 2026**, contributing to academic exchange and research discussions. For all these achievements, I express my sincere thanks to our students and faculty members for their invaluable contributions and countless efforts. We conclude with a commitment to pursuing excellence and look forward to sharing an enhanced version in the next issue.

HOD
(Mechanical Engineering)

Industrial Visit to Prism Johnson Limited RMC India

The Department of Mechanical Engineering organized an industrial visit to Prism Johnson Limited RMC India on 21/02/2026 for Diploma 4th and B.Tech 4th semester students. The visit aimed to provide students with practical exposure to industrial operations and modern manufacturing processes. Students observed the production workflow, quality control measures, and safety practices followed in the ready-mix concrete industry. The interaction with industry professionals helped them understand real-world engineering applications and plant management. The visit was conducted under the guidance of faculty members Mrinal Kumar Das, Abhishek Samanta, and Ombica Ojha, making it an enriching and insightful learning experience for the students.



Research Excellence: PhD Scholars Successfully Defend Their Theses

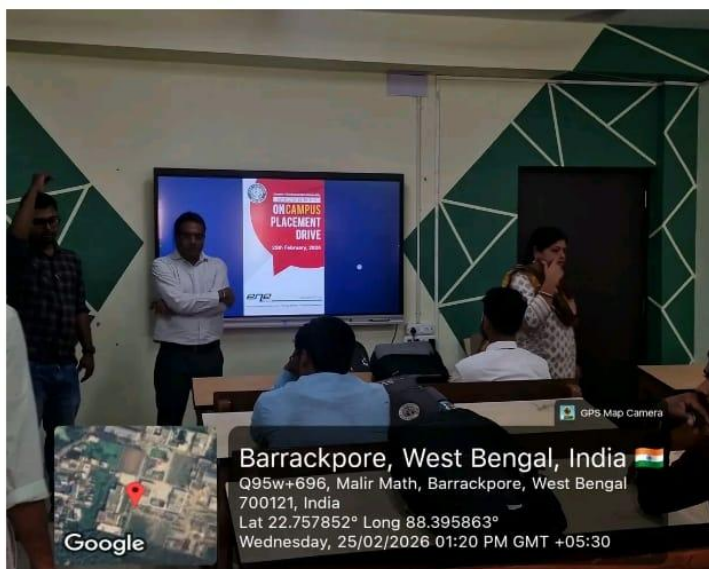
The Department of Mechanical Engineering proudly celebrates the successful PhD Viva-Voce defenses of two scholars. Mr. Priyam Mondal defended his research titled “Biocompatibility and Mechanical Behaviour of Advanced Materials for Bone Implantation” on 6 February 2026 under the guidance of Dr. Ranjan Kumar and Co-Guide Dr. Md. Ershad. Mr. Sudipta Nath defended his thesis “Investigation of Operating Parameters on Performance and Emission Characteristics of Compression Ignition Engines Operated by Hydrogen and Hydrogen-Diesel Mixture” on 11 February 2026 under Supervisor Dr. Ranjan Kumar with Co-Supervisors Dr. Shahanwaz Khan and Dr. Somnath Das. The department congratulates both scholars and wishes them success ahead. article titled “*Effect of La_2O_3 on the Physicomechanical Behavior of Calcium Fluoroaluminosilicate Glass*” in the journal Emerging Materials Research, contributing valuable insights to the field of advanced materials research. The department congratulates the authors on these commendable academic accomplishments and wishes them continued success in their research endeavors.



Placement Update

The Department of Mechanical Engineering proudly announces the placement success of its students in reputed organizations. Twelve students have been selected as Trainees in the Beverage Department at Keventer Agro Limited, with effect from 04 March 2026. The selected students are Aryan Rao, Sujit Das, Rudra Prasad Bhunia, Rajib Kar, Ranit Prasad, Chandrakanta Mukherjee, Sanjay Kumar Shaw, Akash Mondal, Anurag Prasad, Biswajit Mondal, Souvik Maity, and Rohan Samata.

Furthermore, on 25 February 2026, ENE Fluidtek Private Limited shortlisted two Mechanical Engineering students, Akash Mondal and Chandrakanta Mukherjee, for the final interview, marking another milestone for the department.



Utkarsh Bangla Representatives Visit Swami Vivekananda University

On 17 February 2026, Swami Vivekananda University had the privilege of hosting representatives from Utkarsh Bangla for an institutional visit. The team toured the university campus, including various hands-on laboratories and modern classrooms, with a special focus on the facilities of the Department of Mechanical Engineering.

The representatives interacted with faculty members and students while observing the department’s practical training infrastructure and academic environment. The visit highlighted the university’s commitment to skill-based education and vocational excellence, strengthening the connection between academic learning and industry-oriented training for future professionals.

