

NEWSLETTER

Swami Vivekananda University, Barrackpore



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

- Book published
- Patent Published
- Organized a one day workshop on Career Talk and Motivational Camp with the collaboration of Employment Exchange, WB.
- New faculty Associated.
- Independence Day Celebration

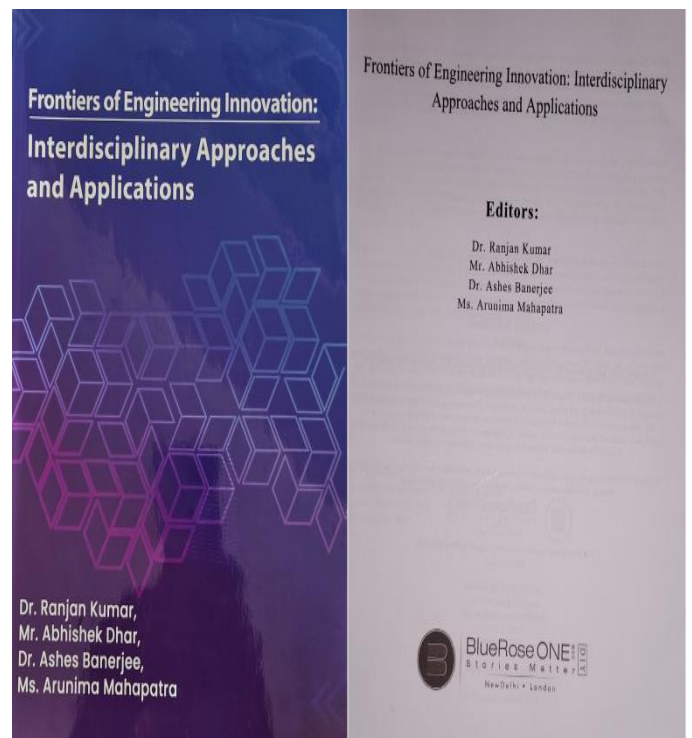
EDITORIAL

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. August has been a notable month at the Department of Mechanical Engineering, SVU. The newly published book, *Frontiers of Engineering Innovation*, explores advanced interdisciplinary methods, curated by a distinguished team including Dr. Ranjan Kumar, Mr. Abhishek Dhar, Dr. Ashes Banerjee and Ms. Arunima Mahapatra. In intellectual property news, four innovative patents were granted, highlighting SVU's commitment to cutting-edge technology. The university also hosted a successful Career Talk and Motivational Camp on August 5, aiding students and job seekers with career guidance. Additionally, SVU celebrated Independence Day with vibrant cultural events, emphasizing unity and national pride. Finally, the Department of Mechanical Engineering welcomed three new faculty members, further strengthening its academic team. These initiatives highlight our commitment to excellence in education and industry engagement. 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)

Book published:

One Book titled 'Frontiers of Engineering Innovation: Interdisciplinary Approaches and Applications' has been published by well-known publisher BlueRose ONE and editors of this book is Dr. Ranjan Kumar, Associate Professor & HOD, Mechanical Engineering Department, Mr. Abhishek Dhar, Assistant Professor & Faculty Coordinator, SVU, Dr. Ashes Banerjee, Assistant Professor, Civil Engineering Department and Ms. Arunima Mahapatra, Assistant Professor, Electrical Engineering Department. This book explores cutting-edge interdisciplinary methods, enhancing problem-solving and creating novel solutions by integrating diverse fields, fostering collaboration, and driving technological advancements.



Patent Published

Four Patents have been published in Intellectual property in India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India. such as "Mini Conveyor: Enhancing Material Handling with Geneva Mechanism", "Portable Air Conditioning Innovation: Harnessing Thermal Peltier Technology", "Rainwater Detector System: Enhancing Water Management and Conservation", "River Cleaning Boat: Innovating Waterway Maintenance for Environmental Conservation'.

Organized a one day workshop on Career Talk and Motivational Camp with collaboration of Employment exchange, WB:

SVU organized a one day workshop on Career Talk and Motivational Camp with the collaboration of Employment Exchange, WB, on 5th August, 2024. Faculties and final year students of the department of mechanical engineering are active participation in this workshop. The event aimed to provide valuable career guidance and motivational support to job seekers and students. Key activities included interactive sessions with industry experts, resume-building workshops, and motivational talks by successful professionals. The workshop also featured Q&A sessions, where participants engaged with speakers to gain insights into various career paths. Feedback was overwhelmingly positive, highlighting the workshop's effectiveness in enhancing career readiness and boosting motivation. The event marked a significant step in bridging the gap between education and employment.



New faculty Associated with the department:

Three faculty members have been joined in the month of August 2024,

1. Mr. Debashis Majumdar Assistant Professor.
2. Mr. Dharmendu Sanyal, Assistant Professor.
3. Mr. Aniket Deb Roy, Assistant Professor

Independence Day Celebration.

On August 15, 2024, Swami Vivekananda University celebrated Independence Day with a series of engaging events. The day began with a flag-hoisting ceremony, followed by the singing of the national anthem. A cultural program showcased patriotic performances, including recitation, dance, music, and drama, reflecting the spirit of freedom and unity. The celebration reinforced national pride and the university's commitment to holistic education and social responsibility. Faculties and students of the department of mechanical engineering are active participation in this programme.

