

# 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
- New faculty Associated
- AICTE ATAL FDP attended by faculty members
- Centre of Excellence Laboratory visit by renowned external experts.

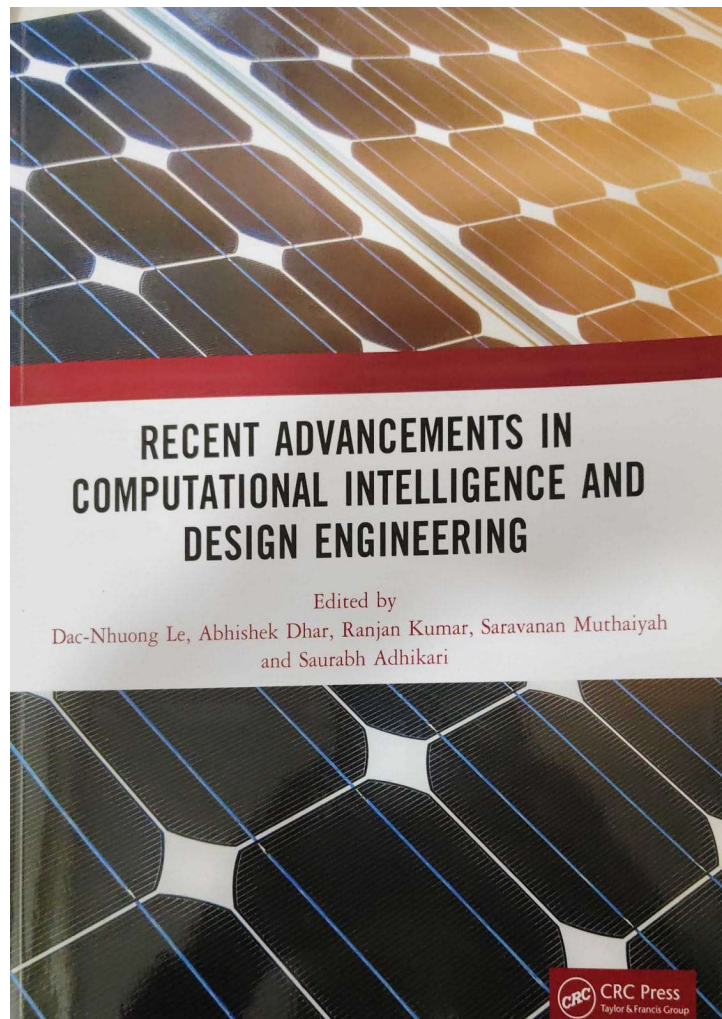
## EDITORIAL

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. A faculty member published a significant book, showcasing SVU's dedication to academic research. The institution welcomed new faculty, strengthening its expert team. The participation of three Mechanical Engineering faculty members in the ATAL Faculty Development Program on Digital Manufacturing Technology at NIAMT highlights their dedication to advancing academic excellence and technological innovation. Additionally, the Centre of Excellence Laboratory hosted renowned external expert for an insightful visit, emphasizing the university's role as a hub for cutting-edge innovation and industry collaboration. 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 eddied Books titled "Recent Advancement in Computational and Design Engineering" has been published by well-known publisher CRC Press, Taylor & Francis Group, New York and editors of these book are Dac-Nhuong Le, Associate Professor, Haiphong University, Vietnam, Abhishek Dhar, Assistant Professor & Faculty Coordinator, SVU, Ranjan Kumar, Associate Professor & HOD, Mechanical Engineering Department, SVU, Saravanan Muthaiyah, Professor and Dean, IMU University, Malaysia and Saurabh Adhikari, Chief Operating Officer, SVU. This book explores cutting edge developments in computational methods and design engineering, emphasizing innovative solutions, interdisciplinary approaches, and practical applications in engineering challenges.



**New faculty Associated with the department:**

One faculty members have been joined in the month of December 2024

1. Mr. Aashish Tripathi

**Faculty Members Successfully Complete ATAL FDP on Digital Manufacturing Technology**

Three esteemed faculty members of the Mechanical Engineering Department—Dr. Ranjan Kumar, Dr. Bikash Panja, and Mr. Debashis Majumdar—have successfully participated in and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Digital Manufacturing Technology." The program was conducted at the prestigious National Institute of Advanced Manufacturing Technology (NIAMT) from 2<sup>nd</sup> December to 7<sup>th</sup> December, 2024.

This advanced training program focused on cutting-edge concepts and applications in digital manufacturing, equipping participants with modern tools and techniques to enhance teaching and research capabilities. The curriculum covered a range of topics, including smart manufacturing systems, Industry 4.0 integration, and advancements in manufacturing technology.

The participation of these faculty members underscores the department's commitment to fostering academic excellence and staying abreast of the latest technological developments in the field. Their insights and expertise gained from this program will significantly contribute to enriching the academic environment and advancing the knowledge and skills of students in the Mechanical Engineering Department.





**Centre of Excellence Laboratory visit by renowned external experts.**

Renowned external experts Prof. (Dr.) Ashutosh Ghosh, Vice-Chancellor, Rani Rashmoni Green University, recently, visited our three Centre of Excellence Laboratories, namely Centre for Advanced Manufacturing, Centre for Material Testing Characterization and Centre of Excellence Bosch Rexroth enriching our research and training endeavors with invaluable insights. Dr. Ghosh visit marked a pivotal moment in our pursuit of excellence, as his expertise in the field brought forth new perspectives and recommendations. His keen observations and constructive feedback will undoubtedly guide us towards refining our methodologies and advancing our scientific endeavors. We are immensely grateful to Dr. Ghosh for their time, expertise, and invaluable contributions. We look forward to continued collaboration and growth under their mentorship.

