

# 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
- Department of Mechanical Engineering has commenced a new Journal entitled with Journal of Mechanical Engineering Advancements (JMEA) whose first issue has been published.
- Initiation of MOU between The Dept. of Mechanical Engineering of Swami Vivekananda University, Barrackpore and Aliah University, Kolkata

## 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. The recent strides made by mechanical engineering department underscore a commitment to excellence in research, innovation, and education.

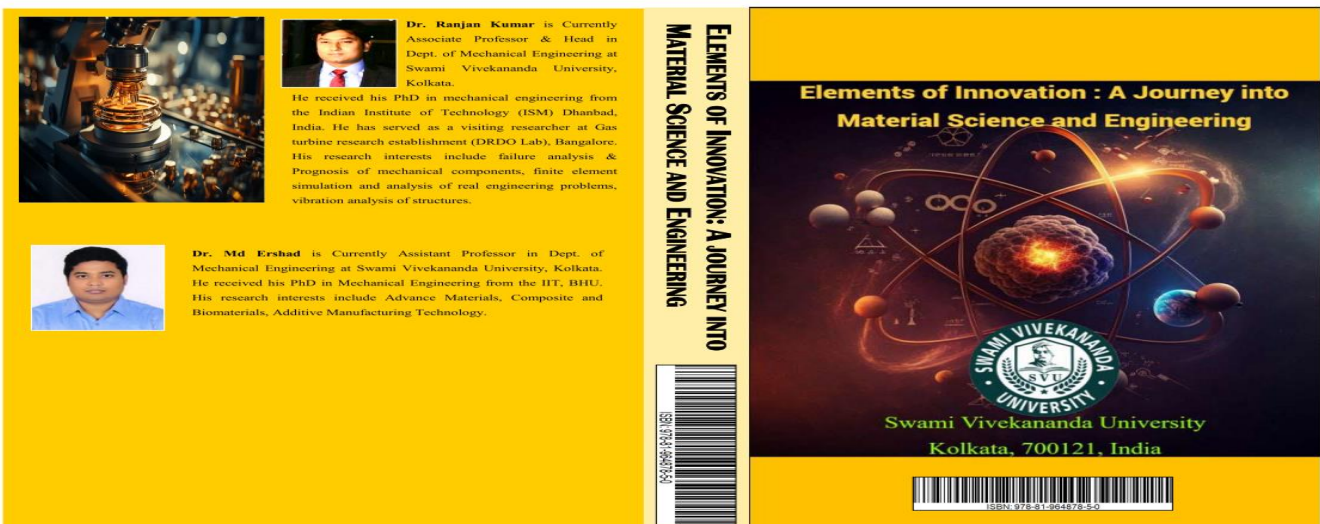
Introducing JMEA: SVU's landmark journal in Mechanical Engineering, driving innovation and scholarly discourse. "Elements of Innovation": SVU's pioneering exploration in Material Science, a must-read for academics and professionals alike. The Department of Mechanical Engineering of Swami Vivekananda University and Aliah University are going to unite, marking a pivotal moment for collaborative research and academic excellence. This partnership promises to reshape the academic landscape, fostering interdisciplinary collaboration and advancing knowledge for the benefit of all.

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

The Department of Mechanical Engineering proudly presents "Elements of Innovation: A Journey into Material Science and Engineering." This seminal work delves into the intricate world of materials science, offering a comprehensive exploration of its foundational principles and ground breaking advancements. Authored by distinguished scholars and researchers within our department, this book encapsulates decades of collective expertise and experience. From the atomic structure to the macroscopic properties, readers are guided through a captivating journey, uncovering the pivotal role of materials in driving innovation across various industries. With a focus on real-world applications and cutting-edge research, "Elements of Innovation" serves as an indispensable resource for students, academics, and professionals alike, inspiring a new generation of innovators to push the boundaries of what's possible in material science and engineering.



**Department of Mechanical Engineering has commenced a new Journal entitled with Journal of Mechanical Engineering Advancements (JMEA) whose first issue has been published.**

The Department of Mechanical Engineering, SVU, proudly introduces its inaugural issue of the Journal of Mechanical Engineering Advancements (JMEA). Marking a significant milestone, the journal signifies our commitment to advancing the field. Through rigorous research and innovation, JMEA aims to foster scholarly discourse and propel the boundaries of mechanical engineering forward. With a focus on cutting-edge advancements and emerging technologies, each issue promises to offer invaluable insights to researchers, academics, and industry professionals alike. Join us in celebrating this new avenue for knowledge dissemination and collaborative exploration in mechanical engineering.



## Published Issues

[Volume 1, Issue 1](#)

e-ISSN: XAXA-XAXA Awaiting for Approval (Online Version)

Call for Papers

Journal of Mechanical Engineering Advancements (JMEA) call for original research articles, review articles, case studies in mechanical engineering, multi-disciplinary engineering sciences, and applied mechanics.

View All Issues



**Initiation of MOU between Swami Vivekananda University, Barrackpore and Aliah University, Kolkata**

The historic collaboration between Department of Mechanical Engineering, Swami Vivekananda University, Barrackpore, and Aliah University, Kolkata, was formally initiated through a momentous meeting. Held with great enthusiasm and anticipation, the event marked the beginning of a strategic partnership aimed at fostering academic excellence and collaborative research endeavours. Representatives from both institutions convened to discuss the terms of a Memorandum of Understanding (MOU), outlining areas of mutual interest and cooperation. Discussions centered on fostering academic exchange programs, joint research initiatives, and sharing resources to enhance the educational experience for students and faculty members alike. The meeting underscored the shared commitment of both universities to promote interdisciplinary collaboration and contribute to the advancement of knowledge in various fields. As the MOU takes shape, it heralds a new era of synergy and innovation, poised to make a profound impact on the academic landscape of the region and beyond.