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- Dr. T. Vinod Kumar, Associate Professor
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- Dr. S. Baskar, Assistant Professor
- Dr. V.S. Shai Sundaram, Assistant Professor

Department of Mechanical Engineering, VISTAS

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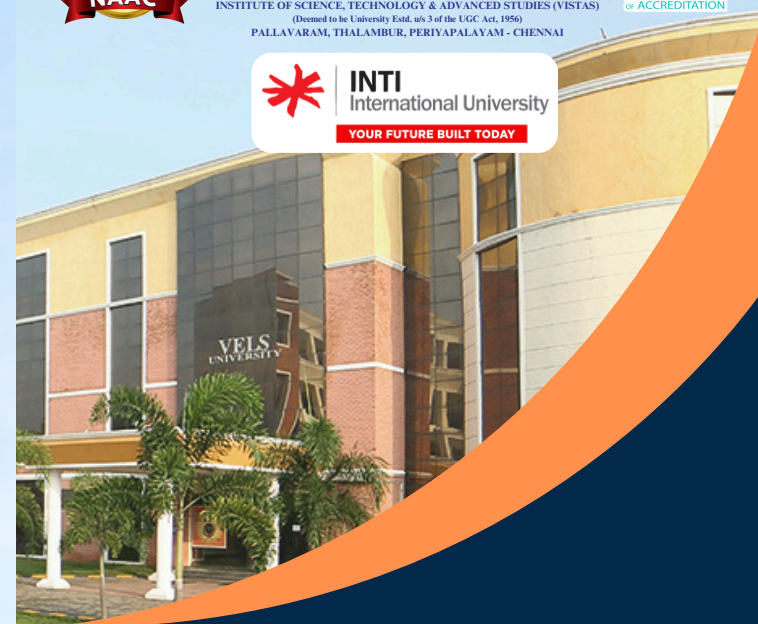


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International Conference

on

Recent Trends in Mechanical Engineering
(ICRTME - 2025)

HYBRID MODE

24th & 25th September - 2025

Jointly Organized by

Department of Mechanical Engineering,

VISTAS

&

INTI International University, Malaysia

IMPORTANT DATES

Abstract with Full
Paper Registration

on or before 05.09.2025

Notification of
Acceptance

18.09.2025



icrtme2025@vistas.ac.in

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For more information :



<https://icrtme2025.in>

ABOUT VISTAS



The Vels Institute of Science, Technology & Advanced Studies (VISTAS), established by the visionary educationist Dr. Ishari K Ganesh in memory of his father Shri. Isari Velan, a former minister in the government of Dr. M.G. Ramachandran (MGR), has emerged as a beacon of higher education in India. Since its inception in 1992, the Vels group of institutions has grown significantly, achieving Deemed University status in 2008 from the Ministry of Human Resource Development (HRD), Government of India, under Section 3 of the UGC Act 1956. Over the past three decades, VISTAS has expanded its educational offerings, now running 52 educational institutions that cover a wide array of disciplines. This esteemed university provides a comprehensive range of undergraduate, postgraduate, and doctoral programs across various fields, including Medicine, Engineering, Management, Pharmaceutical Sciences, Maritime Studies, Science, and Humanities. VISTAS's commitment to excellence in education is further underscored by its accreditation with an "A++" grade by the National Assessment and Accreditation Council (NAAC) under its new regulation, marking it as a premier institution that fosters academic excellence, research, innovation, and the holistic development of its students.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering at Vels Institute of Science Technology and Advanced Studies, was established in 2009. Following the institution's achievement of Deemed University status under the aegis of VISTAS in 2008, the department embarked on a new phase of academic and research excellence within the School of Engineering. Renowned for its comprehensive research domains, the department focuses on pivotal areas such as thermal engineering, fluid mechanics, materials science, robotics, and sustainable manufacturing, alongside emerging fields like nanotechnology and additive manufacturing. Equipped with state-of-the-art facilities and laboratories, the Department of Mechanical Engineering is committed to providing an enriching academic environment that promotes innovation, practical skills development, and a deep understanding of Mechanical Engineering principles. Importantly, the department is accredited by the National Board of Accreditation (NBA), underscoring its commitment to maintaining the highest standards of education and research. This accreditation assures students and stakeholders of the quality and relevance of the curriculum, preparing students for successful careers in a rapidly evolving global landscape.

ABOUT THE CONFERENCE

The International Conference on Recent Trends in Mechanical Engineering (ICRTME – 2025) is a leading forum for showcasing advancements and research in Mechanical Engineering. The conference aims to unite Academicians, Scientists, Researchers, and Scholars to share experiences and findings across all Mechanical Engineering facets.

THRUST AREAS:

- Sustainability, Energy Conservation and E-Vehicles
- Micro-Electro-Mechanical Systems
- Composites, Smart Materials and Machining
- Nano Materials and Digital Manufacturing
- Biofuels, Thermal Engineering, Heat Treatment and Surface Engineering
- Automation, Robotics and Mechatronics
- Machine learning and Artificial Intelligence in Additive Manufacturing, 3D printing
- Fracture Mechanics and Stress Analysis
- ANN & Machine learning, Industry 5.0 , Automation Sensors

OBJECTIVES:

- Disseminate innovative mechanical engineering research and methodologies.
- Foster professional networking and collaboration. Highlight mechanical engineering's interdisciplinary nature.
- Promote sustainable technology development for environmental conservation.
- ICRTME – 2025 focuses on both current and future mechanical engineering innovations, encouraging impactful contributions to the field and society.

PUBLICATION:

- All the presented paper will be published in conference proceedings with ISBN.
- Selected papers will be sent for publication in any of the following journals, subject to the Journal's review process and the author's consent:

- Springer Proceedings
- Scientific.net
- E3S Web of Conferences



REGISTRATION FEE: (Per Participant)

Category	Indian Author	Foreign Author
Faculty/Academician	INR ₹ 750/-	USD 20\$
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