MECHANICAL ENGINEERING

NATIONAL CONFERENCE

Recent Trends in Mechanical Engineering (RTME-2025)

25-26th April 2025

Registration Link

Website
https://vjit.ac.in

Address
Aziz Nagar, C.B.Post,
Hyderabad -500075

About VJIT, Hyderabad:

Vidya Jyothi Institute of Technology, Hyderabad, was established in 1999. Over the years, it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in Telangana. The institute offers eight undergraduate and six postgraduate programs, with a total student strength of 5,257. The campus spans 12 acres and features excellent infrastructure, including a well-stocked library, seminar halls, state-of-the-art laboratories, and sports facilities. The institute boasts Tier-1 accreditation for its CSE, ECE, EEE, Mechanical Engineering, Civil Engineering, and IT departments.

Brief Profile of the Department:

The Department of Mechanical Engineering offers an UG program and one PG program with a specialization in CAD/CAM. There are 21 qualified faculty members including 6 doctorates, having experience in teaching and research activities. The faculty members have a flair for publishing papers in peer-reviewed journals. The department has liaison with reputed industries and R&D organizations. Presently the department is handling DST /AICTE projects and consultancy works.

Objective of the Program:

In the recent years, the research in Mechanical Engineering has progressed towards emerging areas such as processing of Advanced Materials, Micro/Nano Manufacturing, Microfluids, Energy Harvesting and Utilization, Biomechanics, Medical Robotics and Precision Mechatronics and AI-ML.

The main objective of the Conference is to create awareness among young Mechanical Engineers about the current advances in Research and the importance of the knowledge of solving real-life and industrial problems in the process of achieving individual, collective and societal goals with sustainable technology, processes and products. The conference aims at inspiring young minds by presenting a platform to listen to eminent Researchers and achievers and also to present their work in front of experts and peers.

The key topics of the Conference include, but not limited to:

- Design Engineering
- Thermal Engineering
- Manufacturing Engineering
- 3D printing
- Materials Engineering
- Industrial Engineering
- Role of AI-ML in Mechanical Engg
- Role of Embedded Systems in Robotics
- Multipurpose Materials & Applications

Call for Papers

The Conference will consist of Paper Presentations and Invited Lectures by eminent speakers. Those who wish to participate can enroll in the Conference through Hybrid mode and send drafts of full papers of their work in English, as outlined in the template enclosed, along with the title, authors, mailing address, and telephone numbers to the conference coordinator.
The Drafts of the Paper can be mailed "rtme25@vjit.ac.in".

Important Dates

Announcement & Call for Papers: 18-01-25
Deadline for Full paper submission: 25-02-25
Notification to author: 10-04-25
Dates of Conference: 25-04-25

Registration Fee

Faculty/ Industry Participants	:	Rs. 500 /-
Research Scholars	:	Rs. 500/-
Student Participants	:	Rs. 500/-

The Participants pay through online:

Name of the bank: CANARA BANK
Name of the branch: Himayatnagar
Account Number:3063101002044
Account Name: PRINCIPAL R&D VJIT
IFSC code:CNRB0003063

Note: Selected papers are published in UGC-CARE journals with additional charges.

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Dept.of Mech, VJIT
phanindrabogu@vjit.ac.in, Mob.No:- 9866046824

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Organizing committee:
All faculty members of Department of Mechanical Engineering

Registration link: https://forms.gle/1uFHtqsxvLJqT16B8