



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**  
Approved by AICTE New Delhi, Recognized by DTE, Govt. of Maharashtra  
And Affiliated to University of Mumbai  
**NAAC "B++" Grade**

## Department of Mechanical Engineering

### MechXplore Project Competition

**Date:** 05 / 04 / 2025  
**Time:** 10.00 Onwards  
**Event Coordinator:** Mr. Pratik Raut and Mr. Priyank Vartak  
**Student Coordinator:** Sujal Pawar, Kshitij Pawar

#### Programme Summary/Details:

The MechXplore project competition was organized by the Department of Mechanical Engineering at VIVA Institute of Technology on April 5<sup>th</sup>, 2025. The event provided students from various colleges an opportunity to present their project ideas to industry experts from different domains.

Dr. Niyati Raut, the HOD of Department of Mechanical Engineering, inaugurated the competition in the presence of participants and faculty members from the department. A total of 17 groups had registered for the Major Project category, and 12 groups had registered for the Mini Project category in the competition, which was judged by Mr. Pramod Shetty from "Sams TechnoMech Pvt. Ltd.".

The first prize in Major Project category was awarded to the project "Optimization of Crash Box By Changing it's Design & Material," while the second prize went to "Sanitary Pad Disposal Machine" and the third prize was shared between "Design and Development of Customized 3D Printed Knee Joint" and "Design and Fabrication IOT Based Automatic Kaju Katli Making Machine". Also, the first prize in Mini Project category was awarded to the project "A Demonstration of Portable EDM Machine" while the second and third prizes went to "Automatic Pet Feeder" and "Emergency Braking System" respectively.

#### Photos:

