



TIDES OF INNOVATION

DEPARTMENT OF MECHANICAL ENGINEERING

NEWSLETTER

ISSUE 20
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VIVA INSTITUTE OF TECHNOLOGY, VIRAR

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Departmental Activities

MECHANICAL ENGINEERING DEPARTMENT

Faculty Industrial Visits



Faculty industrial Visit at "Paresh Engineering Industries", Virar
On 30th November 2024



Faculty industrial Visit at "Preciword Mechanicals", Virar (East)
On 30th November 2024

Departmental Activities

MECHANICAL ENGINEERING DEPARTMENT

Guest Lectures



Guest Lecture on “INNOVATIVE AUTOMATION: ROBOTICS IN INDUSTRY 4.0” held on 19th July 2024.



Guest Lecture on “BUILDING BRIDGES: EXPLORING CAREER PATHWAYS IN DEFENCE TECHNOLOGY” held on 16th August 2024



Guest Lecture on “ENGINEERING SUCCESS: FROM EMPLOYABILITY TO ENTREPRENEURSHIP” held on 30th September 2024

Departmental Activities

MECHANICAL ENGINEERING DEPARTMENT

Faculty STTP (Short Term Training Program)



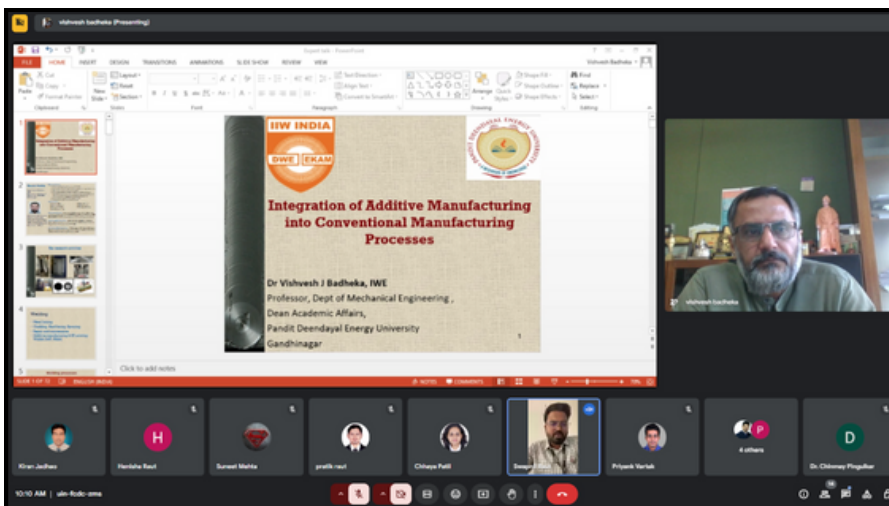
**"Fundamentals of Welding:
Mastering the Basics" held between 25th to 30th November 2024**



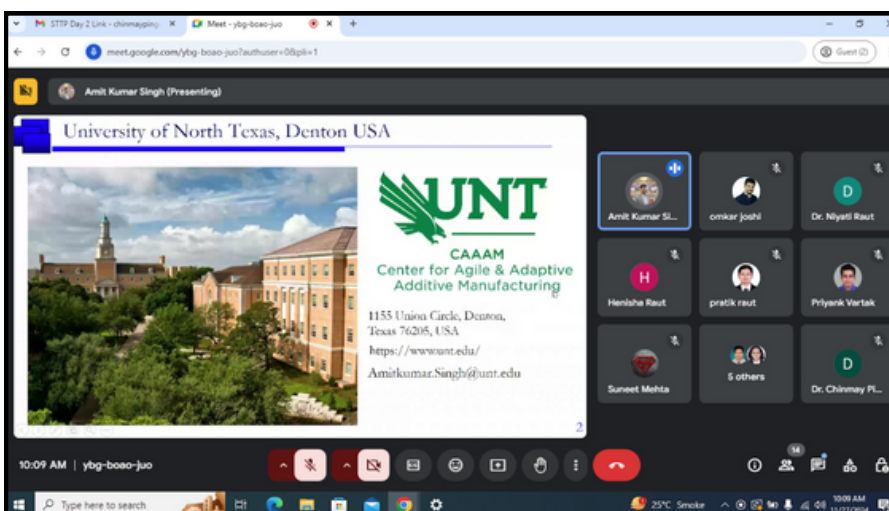
Departmental Activities

MECHANICAL ENGINEERING DEPARTMENT

Faculty STTP (Short Term Training Program)



Online lecture by Dr. Vishvesh Badheka on "Advanced Welding Processes in Additive Manufacturing".



Dr. Amit Kumar Singh delivering an online session on the "Physical Processes in TIG Welding".

Departmental Activities

MECHANICAL ENGINEERING DEPARTMENT

Student Workshop



Student Workshop on **“ACADEMIC RESEARCH MANAGEMENT”**
taken by Dr. Devshree Ugvekar between **05/08/2024 &**
09/08/2024. It was attended by 30 students and 2 faculties



ISHRAE VIVA TECH Student Chapter

MECHANICAL ENGINEERING DEPARTMENT

Installation Ceremony



Core Committee of ISHRAE VIVA Mumbai Chapter



Installation Ceremony held on
8th October, 2024

ISHRAE VIVA TECH Student Chapter

MECHANICAL ENGINEERING DEPARTMENT

Student Achievements

Project Title: IoT and
Blockchain Based
Decentralized AC
Management System for
Predictive Maintenance

Team Members:
Mr. Sairaj Shinde
Mr. Rohit Solanki
Ms. Sheetal Gupta
Ms. Ayushi Pandey
Grant Amount: ₹50,000 /-



Student Research Project Grant Under Graduate 2025 (SRPG UG 2025)

TECHCHASE 2K24

MECHANICAL ENGINEERING DEPARTMENT

OPERATION ENGINE HEIST



BIKE PIT STOP



BOAT RACE

Three Technical events conducted under **TECHCHASE 2025** by MESA ,
Winners awarded with certificates & cash prizes - 30th & 31st August 2025

MESA Activities

MECHANICAL ENGINEERING DEPARTMENT

Teacher's Day Celebrations



Teachers Day celebration conducted by MESA , Fun Games , Activities ,
Thanksgiving - 30th & 31st August 2025

MESA Activities

MECHANICAL ENGINEERING DEPARTMENT

Dussehra Celebrations



Dussehra celebration conducted by MESA , Ganapati & Saraswati Pujan ,
Aarti etc. - 30th & 31st August 2025

Student Achievements

MECHANICAL ENGINEERING DEPARTMENT



Worked on a Tourism IOS Application Project



Mr. Sairaj Shinde, won first place in the **Awaji Kizuna Challenge**, an international global wellbeing competition. As the winner, he was invited to **Awaji Island, Japan**, from **July 2–15, 2024**, where he worked on a tourism iOS app and explored ongoing projects at Pasona Inc.

Student Achievements

MECHANICAL ENGINEERING DEPARTMENT

VIVA Institute Of Technology



From Classroom to the Maharashtra Police - A Journey of Dedication and Excellence



Police Sub-Inspector Rahul Dadas

Congrats to our proud alumnus, **PSI Rahul Sheela Ramchandra Dadas** (Mechanical Engineering, Batch 2019), on achieving his dream of becoming a **Police Sub-Inspector!** After clearing the **2021 Combined Group B & C Exam**, he has set a remarkable example of dedication and perseverance.

Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

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Department of Mechanical Engineering



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