

Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar
Department of Mechanical Engineering
CURRICULAR AND COCURRICULAR ACTIVITIES

Academic Year 2023-2024

Semester I

Technical activities

- Expert lecture is given by Mr Narendra G. Bhoite, Dy. Director, Steam Boiler Division, Government of Maharashtra, on “ Skill Development and Career Opportunity in Steam Boiler Industry” on 18/08/2023

The expert lecture on "Skill Development and Career Opportunities in the Steam Boiler Industry" aimed to provide insight into the technical, economic, and career aspects of the steam boiler industry, emphasizing the significance of skill development to meet the growing demand for qualified professionals. Steam boilers are critical components in various industries, including power generation, manufacturing, and process industries, and their operation and maintenance require specialized skills.

Key Topics Discussed

1. Overview of the Steam Boiler Industry
2. Skill Development in the Steam Boiler Industry
3. Types of Skills Required
4. Career Opportunities in the Steam Boiler Industry
5. Industry Trends and Job Market
6. Challenges in Skill Development



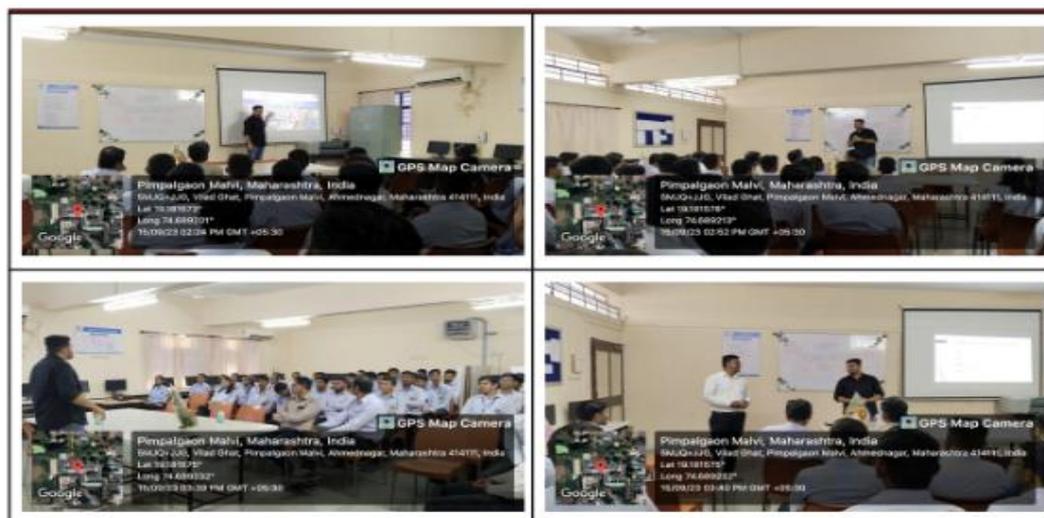
- [Expert lecture is given by Er. Shubham Tripathi, on “Overview of Oil & Gas Industry: A Mechanical Engineering Perspective” on 15/09/2023](#)

The expert lecture on the "Overview of Oil & Gas Industry: A Mechanical Engineering

Perspective" provided an in-depth understanding of the oil and gas industry from a mechanical engineering viewpoint. This sector is a key driver of the global economy, with vast applications in energy production, transportation, manufacturing, and many other industries. Mechanical engineers play a crucial role in ensuring the smooth operation, safety, and efficiency of equipment and systems in the oil and gas sector.

Key Topics Discussed

1. Overview of the Oil & Gas Industry
2. Mechanical Engineering Roles in the Oil & Gas Industry
3. Key Mechanical Engineering Skills in the Oil & Gas Sector
4. Technological Advancements in the Oil & Gas Industry
5. Challenges in the Oil & Gas Industry
6. Career Opportunities for Mechanical Engineers in the Oil & Gas Sector



- [Expert lecture is given by Dr. Rajendrasing Pardeshi ,on “Entrepreneurship & Intellectual Property Right and Research Methodology” on 17/10/2023](#)

Prof. Dr. Rajendrasingh Pardeshi gave the introductory speech of Entrepreneurship & IP Management and started delivering the introduction to Multidisciplinary Entrepreneurship. After introduction to Multidisciplinary Entrepreneurship, sir has explained about Sustainability in business which refers to a company's strategy to reduce negative environmental Business and IP Management. He also talked on various aspects of IP Management and its tools.



• [Expert lecture is given by Miss Vaidhehi Muley, on “Foreign Language: Japanese Language” on 05/12/2023](#)

The expert lecture on " Japanese Language " focused on how Japanese Language is important for Career opportunities, Cultural understanding, Business relationships, Travel experience, Cognitive abilities, Professional advantage, Global relationships, Cultural media

Japan is a world leader in cultural media such as animation, graphic novels, fashion, film, food culture, and video games.

Key Topics Discussed

Grammar

Politeness

Greetings

Lists of 10 Tips to Learn Japanese Language

- Start Learning the Japanese Alphabet.
- Keep Practicing Grammar Skills.
- Learn Small Phrases.
- Make a routine.
- Choose Japanese Learning Apps.
- Read Manga.
- Watch Japanese Anime.
- Start Writing Practice.



Students Achievements:

- Yash Jadhav passed Japanese language proficiency test N5 level on 17th oct 2023.
- **Winners of MESA Indoor sports**

Semester II

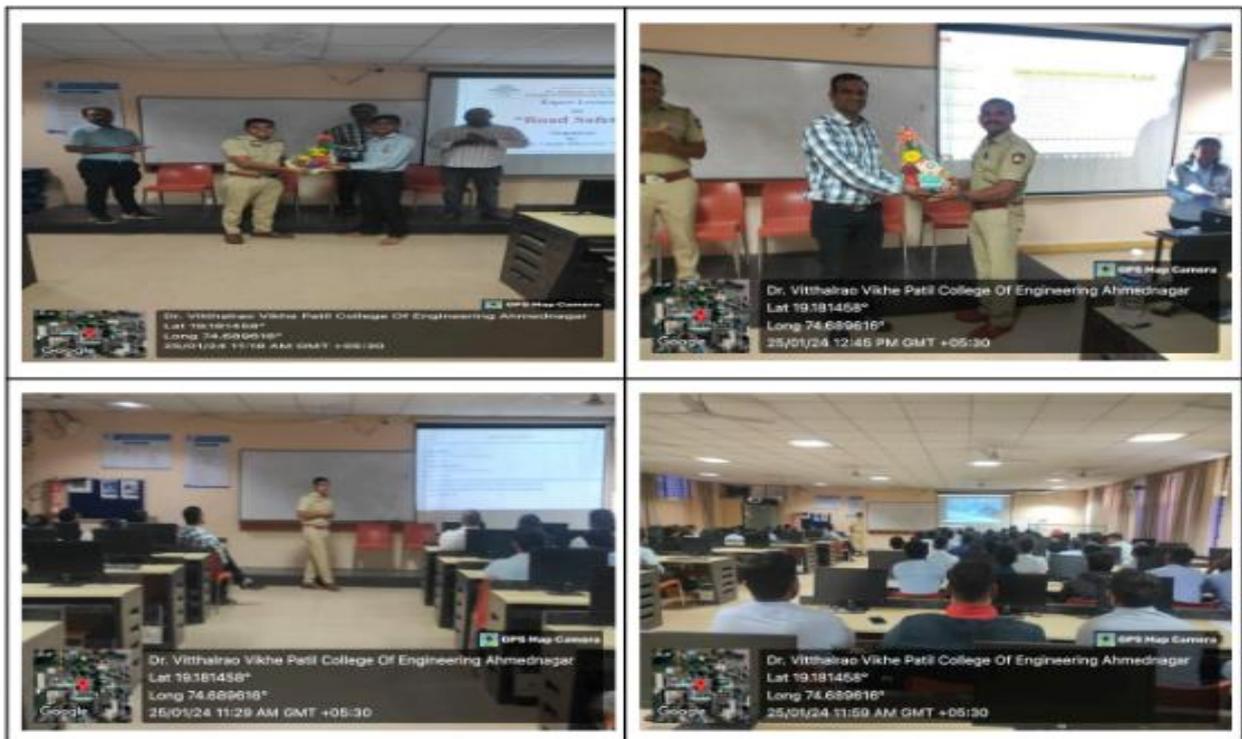
Technical activities

Expert lecture conducted by Mr. Goraksh Korde, AMVI, RTO, Ahmednagar, Government of Maharashtra on “Road Safety” on 25/01/2024

The expert lecture on "Road Safety by RTO" (Regional Transport Office) provided a comprehensive overview of road safety measures, traffic regulations, and the role of the RTO in ensuring the safe movement of vehicles and pedestrians on Indian roads. The session aimed to raise awareness about common road safety issues, educate the public about key safety practices, and discuss the vital role of the RTO in implementing traffic laws, issuing driving licenses, and promoting safe driving behaviors.

Key Topics Discussed

1. Overview of the Role of the RTO:
2. Current State of Road Safety in India:
3. Key Causes of Road Accidents:
4. Important Road Safety Rules:
5. Road Safety Campaigns and Initiatives by RTO:
6. Technological Innovations in Road Safety:
7. Penalties and Legal Framework:
8. Challenges in Road Safety:



STTP was organized on “Additive Manufacturing: Basics, Modeling and Manufacturing” from 03/04/25 to 07/04/202

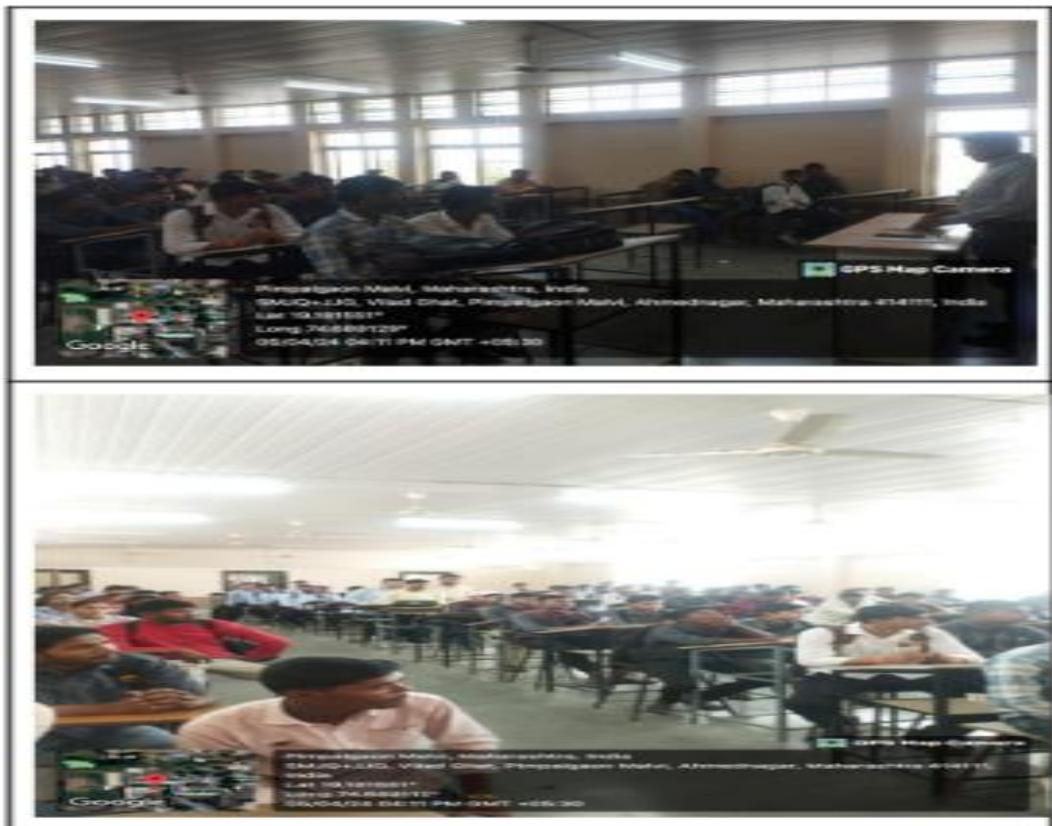
Additive manufacturing (AM) emerges as an important technology and has been used widely across the thermal, manufacturing and design departments. The focus is on : (i) Usage of proper technology both experimental and simulation (ii) Economic aspects with respect to opportunities in the Indian market (iii) Hands-on experience on 3D printing (iv) 3D Modeling.

Course Content:

Day 1: Introduction of composite materials; additive manufacturing; method of preparation of composite materials; introduction of 3D printing.

Day 2: introduction of modeling software; hands on practice on 3D modeling

Day 3: Procedure of preparation of samples on 3D printing; hands on practice on 3D printer



Extra-Curricular activities

[Expert lecture conducted by Mrs. Suruchi Dhonde, Coach, Incredible YOGA Studio, Ahmednagar on “Stress Management with Yoga” on 01/02/2025](#)

The expert lecture on "Stress Management with Yoga" focused on how yoga can be used as an effective tool for reducing stress, enhancing well-being, and improving mental and physical health. The session explored the relationship between stress and the body, the role of yoga in managing stress, and practical techniques that can be incorporated into daily life for optimal results. Yoga, which integrates physical postures (asanas),

breathing techniques (pranayama), and meditation, offers a holistic approach to managing stress and promoting mental clarity.

Key Topics Discussed

1. Understanding Stress
2. The Role of Yoga in Stress Management
3. Yoga and the Nervous System
4. Benefits of Yoga for Stress Management
5. Yoga Practices for Stress Relief
6. Yoga for Stress in the Workplace:
7. Practical Tips for Incorporating Yoga into Daily Life



[Kite Festival was organized on 08/02/2025](#)



Students Achievements:

- Yash Pawar, Student of TE Mechanical Successfully passed the N5 level JLPT Exam (Japanese language proficiency test) conducted by the Government of Japan.
- Gayatri Deshmukh, Student of TE Mechanical was elected as Vice President of YIN sakal, student development cell.