



Department of Mechanical Engineering

Topic Name:	Trends & Innovations in HVAC Industry
Name of the Guest Speaker:	Mr. Ashish Lad
Designation:	HVAC Lead Engineer
Organization/Institution:	IPS-Mehtalia Pvt. Ltd
Date:	27/03/2024
Time:	9.45-12.00pm

Programme Summary/Details:

Mr. Ashish Lad, an expert in the HVAC industry, delivered an insightful lecture on "Trends & Innovations in HVAC Industry," focusing on current developments and future directions essential for engineering students.

Key Trends and Innovations

1. Energy Efficiency and Sustainability:

- Emphasis on energy-efficient HVAC systems due to rising energy costs and environmental regulations.
- Adoption of green technologies and sustainable practices.

2. Smart HVAC Systems:

- Integration of IoT for enhanced control and monitoring.
- Use of AI and machine learning for predictive maintenance and optimized performance.

3. Indoor Air Quality:

- Increased focus on improving air quality in residential and commercial buildings.
- Implementation of advanced filtration and purification technologies.

