



REPORT

Topic Name: RISE WITH SAP: REVOLUTIONIZING MECHANICAL ENGINEERING THROUGH DIGITAL SOLUTIONS

Name of the Guest Speaker: Mr. Pratik Jadhav

Designation: ASSOCIATE, SAP-ADVISORY

Organization/Institution: PWC INDIA, MUMBAI

Date: 31/01/2025

Time: 11.00am-1.00pm

Participant details: 27 Students and 4 Faculties

Objectives:

1. To explain how SAP's initiative supports digital transformation in the manufacturing and mechanical engineering sectors.
2. To show how SAP tools (like SAP S/4HANA, Digital Twin, PLM) optimize design, production, maintenance, and supply chain operations.
3. To showcase how mechanical engineering graduates can explore roles like SAP Functional Consultant, Solution Architect, or Digital Manufacturing Specialist.

Outcomes:

1. Understand the Core Components of SAP: To understand SAP and its role in digital transformation.
2. Identify Digital Transformation Opportunities in Mechanical Engineering: Recognize areas within engineering where digital tools can enhance efficiency and innovation.
3. Analyze the Impact of SAP S/4HANA Cloud on Engineering Processes: Understand how cloud-based ERP enables real-time data and automation.

Programme Summary/Details:

Mr. Pratik Jadhav commenced his lecture by briefing the challenges in the mechanical engineering industry like global competition, supply chain complexity, sustainability demands, product lifecycle inefficiencies. To overcome these challenges SAP was introduced as Systems, Applications, and Products in Data Processing which is a global software company and is one of the world's leading providers of Enterprise Resource Planning (ERP) software and related enterprise applications. SAP develops software solutions that help businesses manage key operations and processes such as Finance and Accounting, Supply Chain and Manufacturing, Human Resources, Project Management, Product Lifecycle Management. He explained the evolution of SAP & its architecture and the terms functional and technical.

He explained the core components SAP S/4HANA Cloud, Business Process Intelligence (BPI), SAP Business Technology Platform (BTP), SAP Business Network. He emphasized on the key benefits for Mechanical Engineering companies such as Enhanced Product Lifecycle Management, Intelligent Supply Chain & Manufacturing, Improved Operational Efficiency and Sustainability and Compliance.

He also encouraged students for self-learning of SAP and guided them through different sites, conferences, publications and social media for learning SAP.



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