



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

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COIMBATORE-641 035, TAMIL NADU



19MEE404 - Product Life Cycle Management (PLM)

UNIT 4: PRODUCT LIFE CYCLE MANAGEMENT SYSTEM

1. Product Life Cycle Management System (PLM System)

- **Definition:**

- A PLM system is an integrated platform that manages the entire lifecycle of a product, from its initial concept, through design, manufacturing, and service, to its end-of-life disposal.
- It connects people, processes, and data across the organization, providing a unified framework for managing product-related information.

- **Key Features:**

- **Centralized Data Management:** All product data is stored in a single, unified repository.
- **Collaboration Tools:** Enables cross-functional teams to work together seamlessly.
- **Process Automation:** Automates workflows such as approvals and change management.

- **Example:**

- A global automotive company uses a PLM system to manage the development of a new car model, ensuring that all design data, manufacturing plans, and compliance documents are accessible to teams in different countries.
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