SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &
Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)
COIMBATORE-641 035, TAMIL NADU

19MEE404 - Product Life Cycle Management (PLM)

UNIT 5: PRODUCT LIFE CYCLE ENVIRONMENT

7. Change Management for PLM

- **Definition:**
  - Change management for PLM involves managing the transition to a new or updated PLM system, ensuring that all stakeholders are prepared and that the system is adopted smoothly.

- **Key Activities:**
  - **Communication:** Clearly communicate the reasons for the change and the benefits of the new PLM system to all stakeholders.
  - **Training:** Provide comprehensive training to users to ensure they are comfortable with the new system.
  - **Support:** Offer ongoing support to address any issues or concerns that arise during the transition.
  - **Monitoring:** Continuously monitor the adoption process and make adjustments as needed to ensure success.

- **Example:**
  - A manufacturing company rolls out a new PLM system and implements a change management plan that includes extensive training and support for its engineering teams to ensure a smooth transition.

Summary Table: Product Life Cycle Environment

Topic	Description	Example
Product Data Issues	Challenges in managing product data, such as data silos and version control problems.	Engineers working on different versions of a CAD model due to poor version control, leading to production errors.

Prepared by – Mr. Dinesh R, AP / Mech / SNSCT

SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &
Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)
COIMBATORE-641 035, TAMIL NADU

19MEE404 - Product Life Cycle Management (PLM)

Topic	Description	Example
Product Workflow	Sequence of processes in the product lifecycle, including design, manufacturing, and distribution.	An electronics company's workflow includes concept design, prototype development, testing, and mass production.
Link between Product Data & Product Workflow	Integration of product data with workflow management for improved efficiency and error reduction.	A car manufacturer integrates CAD data with the production workflow, reducing time to market.
Key Management Issues around Product Data & Workflow	Issues like data accessibility, security, workflow efficiency, and change management.	A global company struggles to ensure engineers in different countries have access to the same design data.
Company's PLM Vision	Long-term goals for managing the product lifecycle, including innovation and customer focus.	A consumer electronics company's PLM vision focuses on using data analytics to drive innovation and reduce time-to-market.
The PLM Strategy	Plan for implementing and managing the PLM system, aligned with business goals and scalable.	A global aerospace company integrates its PLM system with ERP to improve data consistency and streamline processes.
Change Management for PLM	Managing the transition to a new or updated PLM system, including communication, training, and support.	A manufacturing company implements a change management plan with extensive training to ensure smooth adoption of a new PLM system.