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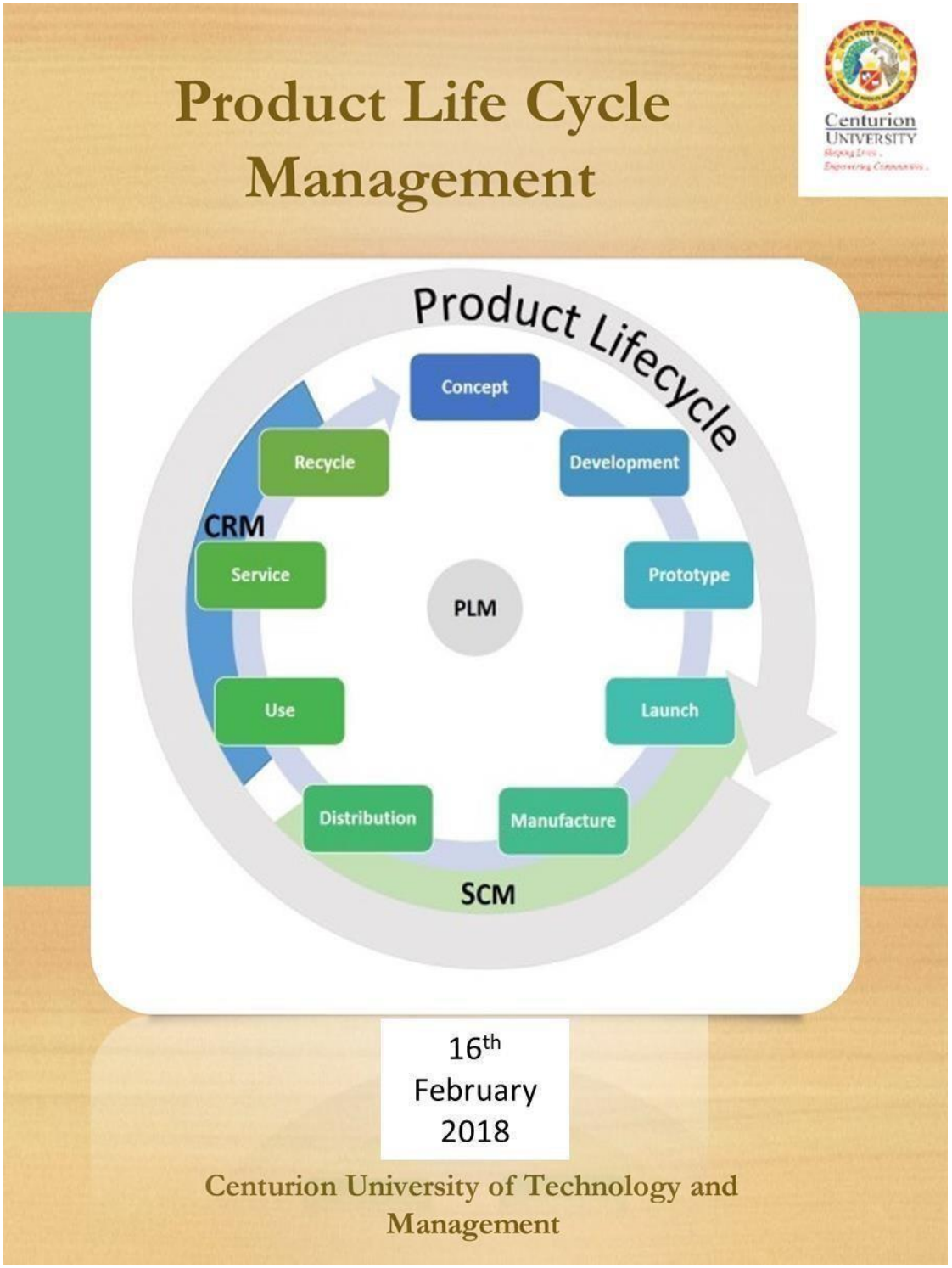
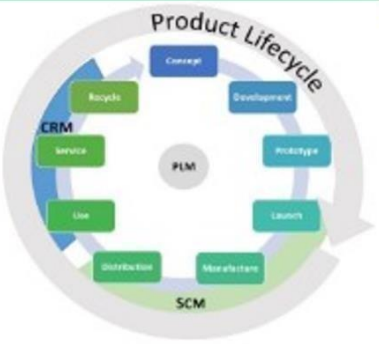
Product Life Cycle Management

Product Life Cycle Management webinar was organized on the year of2017-18. It Gives idea about Manages the Engineering process generates the reports and more.





Course Objectives:

- Use ENOVIA Engineering BOM Management
- Create parts and specifications
- Create Change Orders

Learning Outcomes:

- Manage the engineering change process
- Raise Change Requests for the parts and specifications
- Generate various types of reports.

Pre-requisites: Nil
Course Type : Audit (Workshop)
Duration : 30 Hours

Module	Contents	Duration
Module-1	• Introduction • Product Lifecycle Management (PLM), Need for PLM, Product Lifecycle Phases, Opportunities of Globalization, Pre - PLM Environment, PLM Paradigm, Importance & Benefits of PLM, Widespread Impact of PLM, Focus and Application • ENOVIA • Getting Started, Working with Parts, Creating & Attaching Specifications	10 hours
Module-2	• EBOM • Creating Engineering Bill of Materials • ECM • Releasing parts using Enterprise Change Management, Reports	10 hours
Module-3	• Collaborative Life Cycle Management • Getting Started, Creating a Product Structure, Managing the Structure • 3D Tolerancing & Annotation • Dimensions & Tolerances , Assembly Specifications, Validate Annotations, Generate Drawings, Review through 3D Play. • Master Project • Master Project on ENOVIA EBOM Management	10 hours
	TOTAL	**30 hours**

Dr. Anita Patra, Registrar, CUTM

Convener

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Name of the event: Product Life Cycle Management

Total number of participants: 43

Date : 16/02/2018

Product lifecycle management (PLM) refers to the handling of a good as it moves through the typical stages of its lifespan: development/introduction, **growth**, maturity, and decline. PLM helps organizations to develop new products and bring them to market. The software makes it easy to track and share data along the product value chain, from initial design through manufacturing, supply chain management and operations, and asset maintenance.

PLM plays a critical role in helping manufacturers develop the next generation of products, at a lower cost, and with a faster time to market. While PLM can also be interpreted as a business strategy, three fundamentals impact the way teams work and the ability for organizations to grow and thrive:

- Universal, secure, managed access and use of product definition information
- Maintenance of the integrity of that product definition and related information throughout the life of the product
- Management and maintenance of the business processes used to create, manage, disseminate, share, and use the information

The five phases of product development:-

- **Concept and design:** The ideation phase, where a product's requirements are defined based on factors including competitor analysis, gaps in the market, or customer needs.
- **Develop:** The detailed design of the product will be created, along with any necessary tool designs. This phase includes validation and analysis of the planned product, as well as prototype development and piloting in the field. This generates vital feedback on how the product is used and what further refinements are needed.
- **Production and launch:** Feedback from the pilot is used to adjust the design and other components to produce a market-ready version. The production of the new product is scaled – followed by launch and distribution to the market.
- **Service and support:** Following the launch of the new product, the period of time

when service and support is offered.

- **Retirement:** At the end of the product's lifecycle, its withdrawal from the marketmust be managed – along with any retrials or absorption into new concept ideas. PLM also prevents designers and engineers from operating in a disconnected vacuum, giving them insight into external sources of information like customer and analyst feedback on currentproducts, performance data on products in the field, and visibility into the limitations of downstream processes like manufacturing. The following are five key reasons why companies choose to invest in PLM solutions.

    1. **Improvements to development, engineering efficiency, and effectiveness**
    2. **Elimination of errors during the engineering release process**
    3. **Reduced time to market**
    4. **Improved project delivery**
    5. **Higher quality designs**

The programme helped the participants to enhance their skills in the following areas

- Use ENOVIA Engineering BOM Management
- Create parts and specifications
- Create Change Orders
- Manage the engineering change process
- Raise Change Requests for the parts and specifications
- Generate various types of reports.

Convener

Dr. Anita Patra, Registrar, CUTM

Centurion University
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Name of Event: Product Life Cycle Management
Organized by: Centurion University of Technology and Management
Date: 16 February 2018

Event Description: Product Life Cycle Management webinar was organized in the year of 2017-18. It Gives idea about Manages the Engineering process generates the reports and more.

List of Participants:

S.No.	Name	Reg. No.	Presence/Absent
1	RAKESH KUMAR LENKA	180415140001	Present
2	MOHIT KUMAR SAHU	180415140002	Present
3	GYANANJAYA BEHERA	180415140003	Present
4	AMISH KUMAR KHADANGA	180415140004	Present
5	SIMRAN AGARWAL	180415140005	Present
6	RASHMITA SAHOO	180415140006	Present
7	ROHAN MEHER	180415140007	Present
8	N DIKSHA	180415140008	Present
9	BISHAKHA NAIK	180415140009	Present
10	SUBHASHREE PATTNAIK	180415140010	Present
11	AMIT KUMAR MAHARANA	180415140011	Absent
12	PRAVEEN BAXLA	180415140013	Present
13	A SUDHANSHU SEKHAR	180415140014	Present
14	ABHIJIT SARANGI	180415140015	Present
15	MEKA PRAMILA	180415140016	Present
16	ARPITA DHIR SAMANTA	180415140017	Present
17	ASHISH TRIPATHY	180415140018	Present
18	AMIT KUMAR PALEI	180415140019	Present
19	BIGHNESHWAR NATH	180415140020	Present
20	BEDA PRAKASH DASH	180415140021	Present
21	RAHUL NAG	180415140022	Present
22	PINMAYA BISWAL	180415140023	Present

23	P. SHEETAL KUMARI	180415140024	Present
24	HIMANI PATEL	180415140025	Present
25	DAYALDAS MAHANTO	180415140026	Present
26	SATYAJIT SWAIN	180415140027	Present
27	CHIRANJEEB PRADHAN	180415140028	Present
28	M. RAJESH PATRA	180415140029	Present
29	MEHEK BISWAL	180415140030	Present
30	ZAFIRA KHAN	180415140031	Present
31	SWASTIKA RANI SAHU	180415140032	Present
32	SRIDATTA MISHRA	180415140033	Present
33	SUMIT KUMAR KAND	180415140034	Present
34	RAJESH SAHA	180415140035	Present
35	RAHUL KUMAR SAHOO	180415140036	Present
36	PRASANTA GOUD	180415140037	Present
37	SACHIN KUMAR SAHU	180415140038	Present
38	CHANDRA PRAKASH PANDA	180415140039	Absent
39	SOMIYA RANJAN PRADHAN	180415140040	Present
40	MD. NASIRUL ISLAM	180415140041	Present
41	RAHUL KUMAR SABAT	180415140042	Present
42	AVISEK PANDA	180415140043	Present
43	ROSHAN KUMAR SAHOO	180415140044	Present
24	HIMANI PATEL	180415140025	Present

Anita Patra

Dr. Anita Patra, Registrar, CUTM

Convener