



COEP Technological University

(formerly College of Engineering Pune)

Department of Mechanical Engineering

Offers

**One Year Post Graduate Diploma in Product
Lifecycle Management (PGDPLM)**

About the Course

- In today's rapidly evolving industrial landscape of I4.0, efficient management of product lifecycles is critical for organizations to stay competitive. Product Lifecycle Management (PLM) plays a pivotal role in streamlining processes, reducing time-to-market, and ensuring product quality. To address the growing demand for skilled PLM professionals such as PLM Analyst, PLM Consultant, Product Data Manager, and PLM Administrator, there is requirement of a comprehensive PLM course, encompassing software training, lab practices, and internship projects. The course is designed for fresh graduates and experienced professionals working in the industries.
- The one-year Post-Graduate Diploma in Product Lifecycle Management (PGDPLM) will cover a wide array of topics. The course will be delivered through a combination of offline and online lectures to ensure flexibility and accessibility for students and subject experts. Additionally, hands-on lab practices will be conducted to provide practical experience with PLM software tools. Furthermore, students will undertake internship projects with industry partners, enabling them to apply their knowledge in real-world scenarios and gain valuable industry exposure.
- Upon completion of the PGDPLM, graduates will be well-equipped to pursue a multitude of rewarding career opportunities.

About COEP Tech.

- College of Engineering, Pune (COEP), chartered in 1854 is a nationally respected leader in technical education. The institute is distinguished by its commitment to finding solutions to the great predicaments of the day through advanced technology. The institute has a rich history and dedication to the pursuit of excellence.
- COEP Technological University is the torch bearer of Engineering education in Pune and India. The professionals of PLM industry and the faculty of COEP Tech. Univ., together with industries in India, will develop you for upcoming challenges and opportunities in the PLM career.
- The hallmark of COEP Tech education is its strong and widespread alumni network, support of the industry and the camaraderie that the institute shares with several foreign universities. The institute is consistently ranked amongst the top 20 technical colleges in India and its alumni have contributed a lion's share in development of national infrastructure.

Department of Mechanical Engineering

- The Department of Mechanical Engineering was established in the year 1912. Department has strong industry-institute collaboration and developed state of art laboratories supported by industries such as Danfoss, Eaton, Forbes Marshall, Kirloskar, Altair etc. The department has well-equipped laboratories such as Danfoss center of excellence Refrigeration and Air Conditioning, Micromachining, Steam Engineering, Fluid Power and Fluid Machinery, Fuel testing, IC Engines, Laser and Combustion, PIV, Design and Optimization Lab, etc.
- At present, the department offers Graduate, Post Graduate and Doctorate degree courses. It is highly reputed for producing eminent engineers as professionals, researchers and entrepreneurs. Many of its alumni occupy key positions in industries and institutions in India as well as in abroad. The department is proud to be collaborated with well-known industries in the sector.
 - PG programs in Thermal and Design started in 1961
 - First PhD awarded in 1974
 - M-Tech (Automotive Technology) started in 2010 in collaboration with ARAI Pune
 - Center of Excellence in “Smart Renewable Energy System” under TEQIP-II : 2014
 - Post Graduate Diploma In Electric Mobility (PG-DEM): August 2019

What you will learn?

- Develop an in-depth understanding of the fundamental concepts, significance, and benefits of Product Lifecycle Management (PLM) and Product Data Management (PDM) in modern industries.
- Recognize the components, elements, and key management issues surrounding PLM and PDM implementation.
- Analyze different phases of the product lifecycle and corresponding technologies. Analyze the foundation technologies, standards, and functional applications in PLM and PDM.
- Analyze the integration of Industry 4.0 technologies with PLM and PDM systems and their impact on digital transformation.
- Develop comprehensive strategies for PLM and PDM implementation aligned with company vision and objectives.
- Design comprehensive PLM and PDM strategies tailored to specific industry needs. Develop innovative approaches for business process innovation and implementation in PDM environment.

About PGDPLM

Faculty:

In-house as well as renowned and experienced faculty from the industries, R&D organizations and other reputed institutes will be involved in teaching-learning process of the entire program.

Eligibility Criteria:

Engineering Graduate in Mechanical / Electrical / Electronics and Telecommunications / Instrumentation / Automobile and all allied branches

Selection Criteria for Admission: Interview

Total Number of Seats: 40

Course Fees: Rs. 2,00,000/-

Course Commencement Date: Third week of August 2024

Internship:

Internship will be as per Government norms in effect. In case of lack of Internship due to any reason, industry project support will be provided.

Condition for commencement of the course: Minimum 10 number of admissions are required to start the course. In case course do not start due to lack of admissions, Course Fee, if paid, will be returned without any deduction. Application fee of Rs. 1200/- will not be returned in any case.

Admission Dates

Proposed dates for admissions process of PGDPLM 2024-25.

Activity	Date
Online Form/Application Upload	8 July 2024 to 31 July 2024
Technical Interview	2 August 2024 to 5 August 2024
Declaration of Provisional Merit List	5 August 2024
Start date of Admission	6 August 2024
Last date to Admission	12 August 2024
Commencement of Classes	16 August 2024

For more details click on : [PG Diploma – COEP Technological University \(COEP Tech\)](#)

Syllabus

Semester I

Sr. No.	Course code	Course Name	Teaching Scheme			Credits
			L	T	P	
1	PGPLM1	PLM an PDM Fundamentals (36)	3	0	0	3
2	PGPLM2	Engineering Process Management (36)	3	0	0	3
3	PGPLM3	PLM Functional (36)	2	1	0	3
4	PGPLM4	PLM Administration (36)	2	1	0	3
5	PGPLM5	PLM Customization (36)	2	1	0	3
6	PGPLM6	PLM Functional Lab (48)	0	0	4	2
7	PGPLM7	PLM Administration Lab (48)	0	0	4	2
8	PGPLM8	CAD/CAE Lab (24)	0	0	2	1
9	PGPLM9	Programming, web and Networking Technologies Lab (24)	0	0	2	1
10	PGPLM10	PLM Customization Lab (24)	0	0	2	1
11	PGPLM11	Project I	0	0	0	6
		Total	12	3	14	28
		Total Academic Engagement and Credits		31		28

Syllabus

Semester II

Sr. No.	Course code	Course Name	Teaching Scheme			Credits
			L	T	P	
12	PGPLM12	Industry practices and PLM Implementation	3	0	0	3
13	PGPLM13	Seminar	0	0	0	1
14	PGPLM14	Industry internship Project II	0	0	0	18
		Total	0	0	0	22
		Total Academic Engagement and Credits		3		22
Course Total Credit						50

**Address for
Communication**

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Thank You
