COEP Technological University

(COEP Tech)
A Unitary Public University of Government of Maharashtra
w.e.f 21st June 2022
(Formerly College of Engineering Pune)

Department of Manufacturing Engineering
and
Industrial Management

Offers

ONE YEAR FULL TIME POST GRADUATE DIPLOMA
IN
INTEGRATED PRODUCT DESIGN AND DEVELOPMENT(PGDIPDD)

09:21

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ABOUT COEP Tech:

The College of Engineering Pune (COEP) was established in 1854. It is one of the oldest and premier engineering institutions in the country. It has rich history and dedication to the pursuit of excellence and offers a unique learning experience across a spectrum of academic and social experiences. With a firm footing in truth and humanity, the institute provides its students with the understanding of both technical developments and the ethics that go with it. . In 2022 COEP became a Unitary Public University of Govt. of Maharashtra.

Department of Manufacturing Engineering and Industrial Management is catering to the needs of all the disciplines. Owing to the manufacturing challenges and competition in industries, Flexible Manufacturing & Automation is slowly and steadily replacing the conventional manufacturing processes in order to increase productivity. The infrastructure is available in the form of CAD / CAM Laboratory, precision measuring-based Metrology Laboratory and Robotics Laboratory, Rapid Prototyping Lab and FAB Lab.

About the course:

"From Ideas to product, through seamless technology"

- The one year full time Post Graduate Diploma Programme in "Integrated Product Design and Development" aims at developing skills, knowledge, and aptitude among the students to bring about innovation in industry through creative problem solving.

- This program will lay equal emphasis on engineering design aspects with the objective to produce post graduate designers with greater analytical ability and synthesizing skills.

- The program aims to nurture the ideas and innovations (knowledge-based and technology-driven) into successful start-ups/ventures.

- The program aims at working in line with the national priorities and goals and its focus would be to build an innovation driven entrepreneurial ecosystem with an objective of socioeconomic development through wealth and job.

Course Structure

SEMESTER I (16 Weeks)

Sr. No.	Name of the Course	L	T	P	Credits
01	Introduction to Design and Innovation	3	-	-	3
02	Product Communication and Interface Design	3	-	-	3
03	Collaborative Design Methods for New Product Development	3	1	-	4
04	Selection of Materials and Manufacturing processes	3	-	-	3
05	Introduction to Electronics / Mechanical (bridge course)	3	-	-	3
06	Computer Aided Product Detailing (rendering/ Design Studio) lab	-	-	2	1
07	Product Design Prototyping and Advanced Manufacturing Lab	-	-	4	1
	TOTAL	**15**	**1**	**6**	**19**

SEMESTER II (16 Weeks)

Sr. No.	Name of the Course	L	T	P	Credits
01	Design for Usability and Sustainability	3	-	-	3
02	Design Management and Professional Practice	3	-	-	3
03	Design for manufacturing, Assembly and Maintenance (DFMAM)	3	1	-	4
04	Elective-I	3	-	-	3
05	Form and Aesthetics Lab		-	4	2
06	Product electronics and instrumentation lab	-	-	4	2
07	Mini Project-II	-	-	4	2
	TOTAL	**12**	**1**	**12**	**19**

Elective-I *

01.	Vehicle and Transportation Design
02.	Agricultural and Farm Product Design
03.	Biomedical Device Development

SEMESTER III (16 Weeks)

Sr. No.	Name of the Course	L	T	P	Credits
01	Industry internship/Complete product design case study	-	-	-	8
02	MOOCS course on Basics of AI	-	-	-	4
	TOTAL				**12**

Programme Objectives

- To understand the cycle of product design and development
- To get motivated for technological innovation in multiple domain
- To learn research based approach for product development
- To empower product based entrepreneurship skills

Information to the Candidates

Eligibility Criteria:
- B.E./B.Tech./ M.E./M.Tech. in
  M - Group (Mechanical/Production/Automobile/Industrial/Aeronautical/ Agricultural Engineering/ Marine Engineering)
  E- Group (Electronics / Instrumentation / Electrical / Computer)
  Freshers and candidates with prior work experience both can apply.
- Those appearing for their final year degree examination may also apply. On selection, such candidates will have to fill a Notarized Undertaking on Rs. 100/- Non-Judicial Stamp Paper and submit it to PGDIPDD Admissions Team at the time of payment of Programme Fees

Course Fee:
- Course fee mentioned on the website is to be paid online at the time of the admission

Selection Criteria for the admission:
- Candidates shall be admitted as per the selection procedure mentioned on the website

Total Number of Seats:
- Total Number of seats for the program is 30

Contact:

PGDIPDD Admissions

Department of Manufacturing Engineering & Industrial Management,

COEP Technological University, Shivajinagar, Pune-411005

☎020-25507709/ 020-25507700/ 9007034818/ 020-25507714/ 9822766485

✉ pgdpd@coeptech.ac.in

PGDIPDD Course (2023-24) eligibility Criteria for final year appearing students of AY 2022-23:

Those appearing for their final year Degree examination (AY 2022-23) and sure of passing in Graduation level may also apply.

On selection, such candidates will have to fill a Notarized Undertaking on Rs.100/- Non-Judicial stamp paper (Click hereto download the matter of Undertaking-I) stating that: His/her admission to PGDIPDD 2023-24 course is on provisional basis and the admission will be confirmed only after producing the passing certificate and the mark sheet (meeting the eligibility criteria) of qualifying degree examination from the concerned University on or before 15th November 2023, failing which the admission will stand cancelled and there will be no refund of the course fee paid to COEP Technological University, at the time of joining the PGDIPDD Course. No certificate / grade sheet will be issued by COEP Technological University for partial/ incomplete education of PGDIPDD Course.

COEP TECHNOLOGICAL UNIVERSITY

Shivajinagar, Pune-411005

(A Unitary Technological University of Govt. of Maharashtra)

Tel: 020-2550 7000/09   website : www.coep.org.in

Ref. No.: COEP/ MEIM/ VCOFF/PGDIPDD/2023/

Date: 27/06/2023

Post Graduate Diploma in Product Design and Development (PGDIPDD)

2023-2024

Fee Structure

Sr. No.	Head	Amount (Rs.)
A	Tuition Fees	1,44,000
B	Development Fee	15,000
C	Other Fee	26,000
D	Caution Money deposit (Refundable)	2,000
E	Examination fee	1,500
F	Student Aid Fee	250
G	Student Accident insurance Fee	150
H	Identity Card	100
	Total	1,89,000

Registrar

Registrar
COEP Technological University (COEP Tech)
Pune-411005

Selection Process for PGDERP Course 2023-24

- Apply online for PGDIPDD course by filling the Online Application Form.
- Selection Process for the PGDIPDD course includes two rounds of interviews:
    1. First round - Personal Interview will include screening and document verification. (Offline/ Online)
    2. Second Round – Technical Interview (Offline/ Online)

- Candidates will be informed about the Schedule of the offline appointment for the First Round via email a week prior to the actual Interview date and the list will also be displayed on the website.
- After completion of First Round of Interviews, Shortlisted Candidates List will be displayed on website who will have to appear for the Second and Final Round of Online/Offline Technical Interview on the scheduled date and time that will be displayed on the website.
- Provisional Merit list will be displayed on website after the conduction of the Second Round of the selection process i.e., Online/Offline Technical Interview.
- Candidates whose names are displayed in the Provisional Merit list can pay the PGDIPDD Course Fees and confirm the admission for PGDIPDD 2023-24 batch.