

Placement Brochure

MTech.

SMART MANUFACTURING

2022-24



IISc BANGALORE

Placement-Procedure for recruiters :

<https://occap.iisc.ac.in/index.php/placement-procedure/>

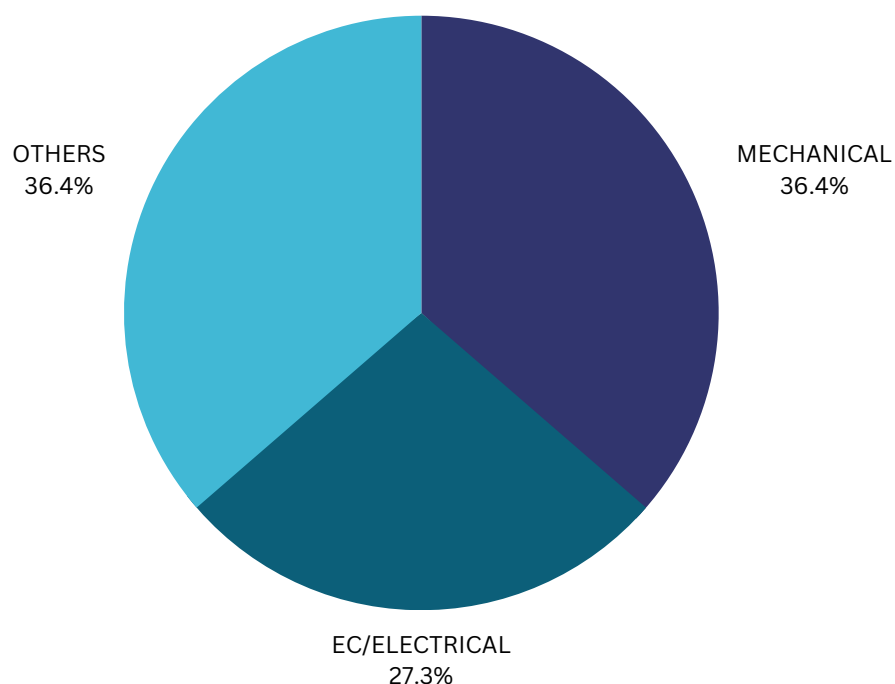
ABOUT IISC

- "IISc BANGALORE ranks 1st in India and 155th in the world in the latest QS world university rankings 2023. It is the global leader in the Citations per Faculty (CpF) index. IISc is also the **No. 1** ranking university in India's NIRF university rankings as well as No. 1 ranking Research Institute"

ABOUT US

- The course is designed in response to **INDUSTRY 4.0** initiatives of GOI to create future leaders in the area of **SMART MANUFACTURING** & by integrating manufacturing with **Smart Systems, AI & Data Science**.

BATCH STRENGTH = 11



ABOUT COURSE

- The MTech programme at CPDM is offered in partnership with faculty members from over twelve departments of IISc. It contains a challenging mix of courses and projects in digital manufacturing, materials, mechanical design, design methodology, CAD, PLM, sensors, mechatronics, AI, analytics, machine learning, operations management, etc. to train students in the technology behind advanced manufacturing at various scales of systems (process, machines, factories, enterprises) and production, as well as in innovating new manufacturing processes and systems that blend the soft and the hard skills to solve problems related to manufacturing industry.



COURSES

- Artificial Intelligence
- Operations Management
- Digital Manufacturing
- Data Analytics/Data Mining
- Creative Engineering Design
- Embedded Systems & IoT
- Digital Signal Processing
- Human-Computer Interaction
- Design for mechanical components
- Data Structure & Algorithms

DOMAINS

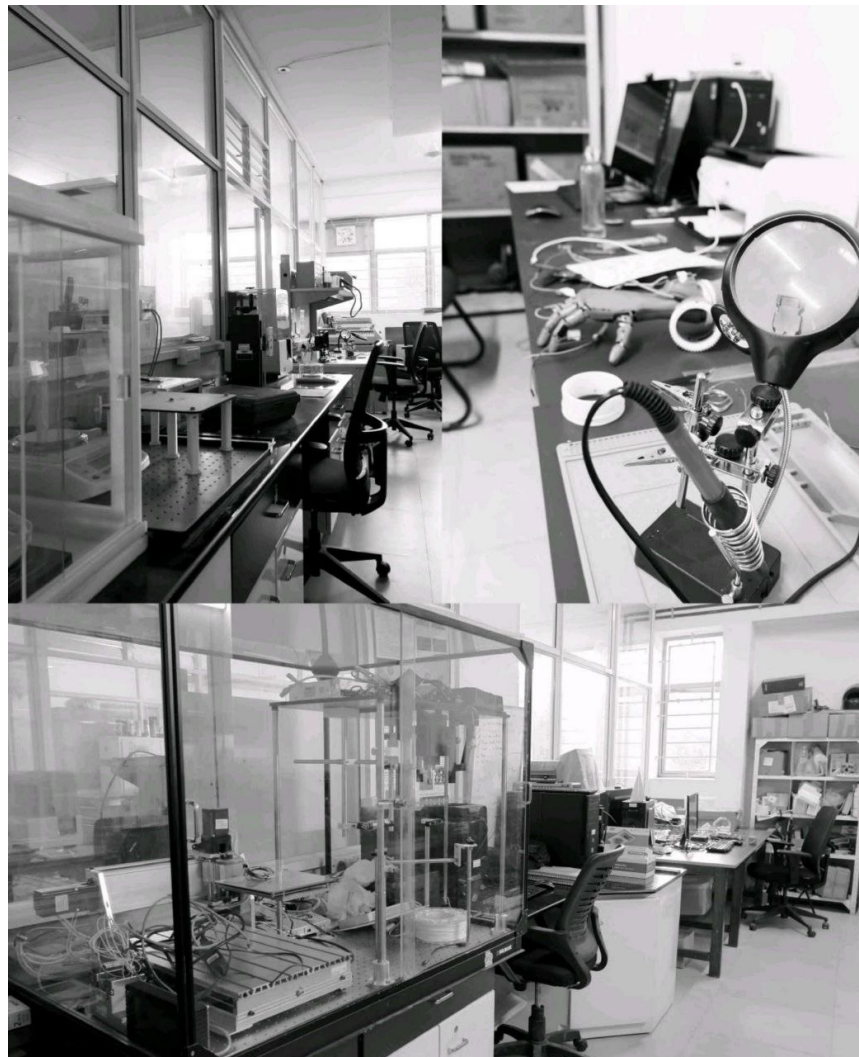
- Digital Manufacturing
- AI-ML-Data Analytics
- AR-VR-MR
- Embedded Systems
- Autonomous Robots
- Operations Management

FELLOWSHIPS OFFERED



FACILITIES

- Smart Factory
- Embedded & IoT Lab
- AR-VR & Digital Twin Lab
- Robotics Innovation Center
- 3D Printers For Rapid Prototyping
- Computing With Graphic Workstation
- CEFC Setup Under SAMARTH
- Udyog Bharat 4.0



PAST RECRUITERS



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CONTACT US

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