



**Indian Institute of Science  
Bangalore**

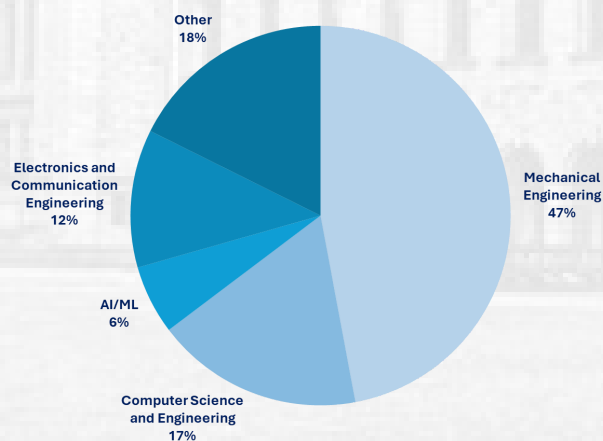
# SMART MANUFACTURING

Shaping the Future of Industry with Intelligence and Innovation!

## About us

At the Department of Design and Manufacturing, IISc, we lead the way in Smart Manufacturing through cutting-edge research and industry collaborations. Our state-of-the-art Smart Factory platform integrates advanced technologies like AI, robotics, and automation, preparing future leaders for the manufacturing industry. Join us in shaping the future of intelligent manufacturing!

## Batch Demographics



## Labs

- Intelligent Inclusive Interactive Design Laboratory (**I3D**)
- Universal Technology Solutions For Accessible & Affordable Healthcare Laboratory (**UTSAAH**)
- Robotics Innovations Lab (**RIL**)
- Creative Automotive Research Laboratory (**CAR**)
- Innovation Synthesis & Prototyping for Interdisciplinary Research & Engineering (**inSPIRE**)

## Past Recruiters

### Internships



### Placements



## Courses

- Basics of Computing, AI & Data Science
- Data Analytics
- Machine Learning and Data Analysis
- Machine Learning for Signal Processing
- Natural Language Processing (NLP)
- Edge AI

- Introduction to Manufacturing Science
- Materials and Processes
- Design for Additive Manufacturing
- Digital Manufacturing
- Operations Management
- Applied Operations Research

- Embedded Systems
- Real-Time Embedded Systems (RTES)
- Sensors and Transducers
- Intro to Robotic Actuator
- Intelligent Mobile Robots
- Motion Planning for Autonomous Systems

## OFFICE OF CAREER COUNSELLING AND PLACEMENTS

**Student Coordinators :**

Kumar Aman

Email : kumaraman@iisc.ac.in

Contact : 8434100597

**Placement officer :** Bhagyalaxmi G.R.M.

Email : placement.occap@iisc.ac.in

Contact : 8291292757

B Madiha Hafsa

Email : madihahafsa@iisc.ac.in

Contact : 9392502171