

INDIAN INSTITUTE OF TECHNOLOGY
IIT Mandi Summer Internship Programme 2019

IIT Mandi invites applications from 2nd year B.Tech. / B.E. students and 1st year PG or Masters students for the summer internship programme at IIT Mandi. The internships will be in frontier areas of:

- Biosensors Material and properties, Photocatalysis
- Biomedical Engineering
- Computational Chemistry, Theoretical Chemistry
- Condensed Matter Physics/Materials Science
- CMOS Analog IC design
- Controllability of Differential Equations with Applications in Engineering and fluid solid interaction problems
- Computational Fluid Dynamics
- Control Systems
- Deep Learning application in biometrics and medical imaging
- Discrete element modelling (DEM) of granular flows
- Differential Equations, Mathematical Modelling
- Earthquake Engineering
- Energy Conversion and storage
- Electrodynamics
- Experimental Physics and Nanosciences
- Experimental Condensed Matter Physics, Fluid and Thermal Science
- Financial Inclusion, Financial Literacy, Business Correspondent Model of Banking, Digital Identity (Aadhaar)
- Fluid Mechanics and Solid Mechanics
- Geotechnical Engineering
- Gene Regulation
- Geotechnical Engineering, Sensors in Geotechnical engineering
- Host-Pathogen Interaction, Soil microbiology and its application in landslide mitigation
- Investigations of drop impact onto a liquid pool
- Landslide study
- NanoBiotechnology
- Physical Chemistry, Nanotechnology, Fluorescence Spectroscopy, Bioimaging, Microscopy
- Protein folding and Aggregation
- Power Electronic Applications
- RF and Microwave propagation and device design
- Semiconductor Devices
- Solid Mechanics; Mechanical Design; Biomechanics
- Structural Mechanics
- Thermal management of microelectronics
- Wireless networks and IoT

The period of internship will be about 8 weeks starting from **June 11, 2019 to August 05, 2019**. Selected candidates will be provided free hostel accommodation and a stipend of Rs. 10,000/- for the entire 8 weeks period. Travel and living expenses should be borne by the candidate.

Interested candidates should apply through an online application (<http://oas.iitmandi.ac.in/externalportal/>) on or before **30th April, 2019**.

Terms and Conditions:

1. Only students having a minimum CGPA of 7.5/10 or equivalent percentage of marks will be considered.
 2. The number of students selected for the internship is subjected to the requirement of faculty in various disciplines of the institute.
 3. Selected candidates will have to arrange letters of recommendation from their Institute.
 4. Please visit www.iitmandi.ac.in for further details.
- Any Technical queries related to Online Application be sent to oassupport@iitmandi.ac.in