

# INDIAN INSTITUTE OF TECHNOLOGY

## IIT Mandi Summer Internship Programme 2018

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:

- Applied Mathematics, Power Electronics
- Biomedical Engineering
- CSE, EE, ECE
- Condensed Matter Physics and Materials Science
- Computational Fluid Dynamics (CFD), Mathematical Image processing.
- Deep Learning and its Applications
- Device Electronics and Current Transport, Internet of Things
- Electrical Drives
- Earthquake Engineering
- Environmental and Energy Economics
- Fluid and Thermal Science
- Geotechnical Engineering
- Geological and Geomorphological Mapping, Landslide Zonation Mapping
- Geotechnical Engineering, Civil Engineering
- Host-Pathogen Interaction
- Mathematical Modelling, Dynamical Systems
- Mixed signal VLSI design
- Molecular Biology
- Modeling of Dipole Oscillation using COMSOL multi-physics and of water flow in the capillary pores of hydrated cement/mortar
- Preparation of ferroelectric ceramics of different types
- Nanoscience and Nanotechnology
- Protein Folding, Cancer Biology
- Quantum Chemistry Calculation, Understanding Complexity of Internal Dynamics of Biological Molecules
- Software Development for Library
- Semiconductor Devices, Photovoltaic Devices
- Wireless Sensor Network and IoT
- Water Resources Engineering
- X-ray diffraction and Spectroscopy

The period of internship will be about 8 weeks starting from **June 11, 2018 to August 03, 2018**. 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>) latest by **23<sup>rd</sup> April, 2018**.

**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](http://www.iitmandi.ac.in) for further details.
- Any Technical queries related to Online Application be sent to [oassupport@iitmandi.ac.in](mailto:oassupport@iitmandi.ac.in)