
INDIAN INSTITUTE OF TECHNOLOGY MANDI
Kamand Campus, VPO Kamand
District Mandi - 175005 Himachal Pradesh, India

ADVERTISEMENT NO.: IIT MANDI/2018/SBS_01 DATED: 28th September, 2018

The Indian Institute of Technology (IIT) Mandi invites applications for faculty positions at the level of **Assistant Professor Grade-I and Assistant Professor Grade-II** in the **School of Basic Sciences** in the following areas:

For Assistant Professor Grade-I and Assistant Professor Grade-II Positions:

- Statistics and Data Science
- Polymer synthesis and characterization/ Organic Synthetic methodology
- Coordination/Organometallic chemistry
- Computational chemistry
- Experimental Condensed matter physics (Phonon dynamics in correlated systems, Raman Spectroscopy)
- Theoretical condensed matter physics (Materials specific, superconductor, topological insulators, quantum magnetism, nano-scale materials)
- Theoretical Astroparticle physics
- Proteomics
- RNA Biology, Translation control and Neuroscience

Applications are also invited for faculty positions at the level of **Associate Professor** in the **School of Basic Sciences** in the following **specific areas of BioX, Chemistry, Mathematics, and Physics**:

For Associate Professor Positions:

- Host-parasite immunology of CNS infecting helminths
- Pancreatic islets biology and insulin secretion
- Metabolic Systems Biology with ¹³C Fluxomics in Plant Sciences
- Photo-electrocatalysts for sustainable fuels
- Nonlinear Dynamics in Ecology
- Data analysis of Indian monsoon
- Controllability of differential equations
- Quantum optics
- Physics of structural glass transitions
- Magnetism in intermetallics
- Physics of nano-materials
- Strongly correlated electron systems: electrical and thermal transport studies

Applicants should have a passion for teaching, should be exceptionally motivated, and should have an established record of high-quality research. IIT Mandi promotes an interdisciplinary culture and SBS faculty can collaborate with the Institute faculty in other areas of engineering, basic sciences, and humanities and social sciences. Also, with its location in the Himalayas, IIT Mandi

provides unique opportunities for research on socially-relevant technologies for the Himalayan region.

A Ph.D. degree is necessary for a faculty position at IIT Mandi; however, candidates who have submitted their Ph.D. thesis recently or are close to completing their Ph.D. degree may also apply for the posts of **Assistant Professor Grade-I and Assistant Professor Grade-II**. For the essential qualification, experience, and pay scale for **Assistant Professor Grade-I and Assistant Professor Grade-II** posts please refer to the document [ADVERTISEMENT NO. IIT MANDI/STD/1/2018/AP](#)

28th March 2018

The essential qualification, experience, and pay scale for the post of **Associate Professor** are given below:

Essential qualifications

Ph.D. in a relevant area with first class or equivalent at the preceding degree with consistently good academic record throughout.

Experience:

A minimum of 6 years teaching/research/professional experience of which at least three years should be at the level of Assistant Professor in an academic institution or equivalent position in a research organization or industry at the time of screening and shortlisting the applications. The candidate should have demonstrated adequate experience of independent research in terms of guidance of PhD students, strong research record, including publications in highly reputed peer reviewed journals, patents, laboratory/course development, sponsored research projects and/or other recognized relevant professional activities. Candidates who do not fulfil such minimum experience requirements may be offered appointment at the Assistant Professor Grade – I or Assistant Professor Grade – II level, depending upon the academic credentials.

Scale of Pay:

Post	Level and Scale of Pay As per 7th CPC	Approximate Total Emoluments as per 7th CPC	
		With House Rent Allowance	Without House Rent Allowance
Associate Professor	Level 13A2, Cell 1 (Starting pay of Rs. 52300 in AGP of 9500)	Rs. 1,59,026/-*	Rs. 1,53,796/-*

Application Procedure:

For the terms and conditions and other details about the application procedure for the advertised posts please see the document: [ADVERTISEMENT NO. IIT MANDI/STD/1/2018/AP](#) 28th March 2018.

Please apply online at: http://www.iitmandi.ac.in/oaf_specific

The last date for receiving applications is 5 pm IST, 27th October 2018. After this deadline, applications may be considered until faculty positions get filled.

For queries, please contact, Dr.Syed Abbas, Chairperson, SBS, Indian Institute of Technology Mandi, via email (chairsbs@iitmandi.ac.in).

General information about the School of Basic Sciences can be found on the following website: <http://www.iitmandi.ac.in/Schools/SBS/faculty.php>.