

Dated :- 03-10-2023

**Call for PhD Program (2023-24) School of Biosciences and Bioengineering, IIT Mandi**

IIT Mandi seeks applications for the **Ph.D. program** in the School of Biosciences and Bioengineering (SBB) in the following areas.

Specialization	Research Areas	Eligibility & Minimum Qualification	Remarks
<b>Biosciences and Bioengineering</b>	1. Nano Biotechnology/ Biomaterials	<p>Master's degree in Sciences/ Engineering/ Technology with a good academic record and also qualified GATE or UGC/CSIR NET or DST Inspire or other equivalent national level examination.</p> <p>Or</p> <p>B. Tech degree of any IIT with a minimum CGPA of 8.0 on a 10.0-point scale or with a valid GATE Score.</p> <p>Or</p> <p>B. Tech. / B.E. degree any recognized University in India with a minimum CGPA of 8.0 on a 10.0-point scale or equivalent with a valid GATE score.</p> <p>Or</p> <p>"Any student having a Qualified Degree from the top 100 institutes according to NIRF 2023 ranking (<b>o verall category</b>) with a CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent"</p>	<p>In the online application select main / research area as Biosciences and Bioengineering</p>
	2. Computational Biology		
	3. Host-parasite immunology		
	4. Metabolic and Molecular Mechanisms of Nonalcoholic Fatty Liver Disease (NAFLD)		
	5. Cell Signaling in insulin secretion,		
	6. Molecular and metabolic mechanisms of insulin resistance in type 2 diabetes		
	7. Protein Engineering and Cryoelectron microscopy		
	8. Drosophila Neurobiology and Behavior		
	9. Understanding extracellular-matrix (ECM) remodeling during cardiac fibrosis		
	10. Deciphering tissue- specific collagen post- translational modification network		
	11. Physical and genomic determinants of nucleosome positioning		

	12. Chromatin folding pathway and stability 13. Modeling 3D genome packing 14. Phytochemistry 15. Metabolomics/fluxomics		
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### How to Apply

Interested candidates are encouraged to fill the online application form available in the following link:

<http://oas.iitmandi.ac.in/External/Admission/Login.aspx>

### Application Fee for Ph.D. Admission:

Category	Amount in ₹
General/EWS/OBC/OBC (NCL)/Transgender/Foreign Nationals	200
Women/SC/ST/PD	100

### Mode of Payment: SBI Collect Portal.

Applicant should submit the fee on SBI collect portal of the IIT Mandi, and submit the generated transaction number to the OAS admission application portal. One application fee is valid for a single application. The application fee is non-refundable. Applicants can choose the following steps on SBI Collect Portal to submit the application fee: -

State of Corporate / Institution \*: Himachal Pradesh  
Type of Corporate / Institution \*: Educational Institutions  
Educational Institutions Name \*: IIT  
Select Payment Category \*: Application (Admission Fee)

- For any problems regarding filling up of online application, please contact  
• email [oassupport@iitmandi.ac.in](mailto:oassupport@iitmandi.ac.in)  
• **Contact - 01905-267199**
- For any other queries regarding Ph.D. program in SBB, please contact the SBB office via the following **Email [sbboffice@iitmandi.ac.in](mailto:sbboffice@iitmandi.ac.in)**  
**Office No 01905-267061**
- Employed candidates seeking admission to Ph.D. must submit a **“No Objection Certificate”** from their current employer at the time of the interview.

**Mode of Interview:** - The interview will be Offline mode only

### Important dates:

Start of online application, **03<sup>rd</sup> Oct 2023**

Deadline for online application: **20<sup>th</sup> Oct 2023-05:00 pm**

**Note: IIT Mandi reserves the right to recruit / not recruit for any of the advertised areas and apply appropriate criteria for shortlisting.**

Dated :-13/10/2023

## **(Corrigendum for SBB-PhD Admission Eligibility and Minimum Qualification)**

The Revised Eligibility Criteria for PhD Admission in SBB mentioned in the Advertisement notification dated 03-10-2023

<https://www.iitmandi.ac.in/pdf/admissions/phd%20sbb.pdf> is given below.

### **A. General eligibility and Minimum for Ph.D. Admission in all Schools/Centres:**

#### **Qualifying Degree:**

1. Master's or equivalent degree in Engineering/Technology OR
2. Bachelor's degree in Engineering/Technology or equivalent\* OR
3. Master's or equivalent degree in Science/Arts/Commerce/Management (or allied subjects) \*

**For qualifying degree listed under (2) & (3) candidates must also fulfil ONE of the following additional requirements:**

1. Qualified GATE / NET including lectureship (Assistant Professorship) or any other equivalent National level examination.
2. Selected through a National level examination conducted by MoE or its agencies /Institutions such as UGC/ IIT/ IISc. / IISER/ IIIT etc.
3. Minimum of TWO years of professional experience (acquired after obtaining the qualifying degree and completed before the starting of the semester in which admission is sought)

#### **\*Exemptions from mandatory requirements of valid GATE or National Level examination:**

1. B.Tech/B.E./B.S. (or equivalent) degree from CFTI (Centrally Funded Technical Institute)/ any of the top 100 institutes according to NIRF ranking (overall category) at the time of application/ any Himachal Pradesh Govt. institution or universities with CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent
2. BS-MS/M.Sc/MA/MBA/equivalent from IITs, IISERs, IISc, IIMs or any of the top 100 institutes according to NIRF ranking (overall category) at the time of application with a CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent.
3. NIRF Ranking (within top 100) should be in overall category granted for the year during which admission is sought.

**B. Financial Support:** Students joining the Ph.D. Regular program may be considered for the HTRA Fellowship (subjected to availability of fund) based on the above admission norms, if recommended by the selection committee.

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