

Dated: 27-11-2024

Advertisement for Admission to the M. Tech (by Research-full time) / Ph. D Programme (Regular Full Time / Part Time Mode) in the School of Biosciences and Bioengineering, IIT Mandi, for January 2025

School of Biosciences and Bioengineering (SBB) invites applications for admissions in M. Tech (Research Regular full time) and Ph. D programs **Regular Full Time / Part Time Mode** for the Even semester commencing from January 2025 at IIT Mandi.

Programs and Criterion

Program	Research Area	Qualification for Admission	Remarks/Instructions for filling application form
M. Tech. (Research) in Biotechnology	<ul style="list-style-type: none"> Molecular Biology Climate Controlled Agriculture Cellular Immunology/ Host pathogen interaction 	<p>M.Sc./B.Tech. in Life Sciences or related areas) with a valid GATE Score in Life Sciences, Biotechnology or other related areas.</p> <p>A. General eligibility criteria for M.Tech. (Research) Qualifying Degree:</p> <ol style="list-style-type: none"> Bachelor's degree in Engineering/Technology or equivalent with a valid GATE score # OR Master's or equivalent degree in Science/Arts/Commerce/Management (or allied subjects) with a valid GATE score # OR Master's or equivalent degree in Engineering/Technology <p># Exemptions from mandatory requirements of Valid GATE score:</p> <ol style="list-style-type: none"> 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. 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. NIRF Ranking (within top 100) should be in overall category granted for the year during which admission is sought. <p>B. Financial Support: Students joining the M.Tech. (Research)/MA (Research)/MS (Research) 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.</p>	Select specialization as Biotechnology Research



Program	Research Areas	Eligibility & Qualification for Admission	Remarks /Instructions for filling application form
<p>Ph.D</p>	<ul style="list-style-type: none"> • Nanobiotechnology /Biomaterials • Computational Biology, Microbiology, Metagenomics • • Host pathogen interaction • Molecular Biology and Neuroscience • Cellular Bioprocessing Technology, Metabolic Systems Biology • Cellular Immunology/ Host pathogen interaction • Cardiac Fibrosis mediated Heart failure • Other Areas of SBB <p>For details on faculty profiles and research work visit: https://sbb.iitmandi.ac.in</p>	<p>Master's degree in Sciences/ Engineering/Technology or Bachelor's degree in Engineering/Technology or equivalent with a good academic record and also qualified GATE or UGC/CSIR NET or DST Inspire or other equivalent national level examination.</p> <p>A. General eligibility criteria for Ph.D. Admission</p> <p>Qualifying Degree:</p> <ol style="list-style-type: none"> 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) * <p>*For qualifying degree listed under (2) & (3) candidates must also fulfil ONE of the following additional requirements:</p> <ol style="list-style-type: none"> 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) <p>*Exemptions from mandatory requirements of valid GATE or National Level examination:</p> <ol style="list-style-type: none"> 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. 	<p>In the online application select main / research area as Biosciences and Bioengineering</p>

		<p>institution or universities with CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent</p> <ol style="list-style-type: none">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. <p>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.</p> <p>For Part Time Ph.D. As per Ordinance</p> <p>https://www.iitmandi.ac.in/pdf/ordinances//Ordinances_Ph.D.pdf</p> <p>Institute Staff Members/ Research Scholars under External Registration/ Research Scholars working on Part Time Basis. Individuals employed in R&D environments in Scientific Institutions (including IIT Mandi) or industries and Faculty members of all Engineering Colleges/Universities recognized by appropriate government agenciesThe required qualification remains the same as for the regular candidates except for the requirement of qualifying in one of the national entrance tests. Further the candidate should have at least two years of work experience</p> <p>Note:- kindly upload the Noc along with the experience certificate in one pdf , this is mandatory for part time candidates</p>	
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General Information

Information on eligibility, minimum qualifications, and scholarship rules can be found at the following links.

1. **For more details about Ph.D./ Part Time Ph.D. Programme at IIT Mandi, please visit: https://www.iitmandi.ac.in/pdf/ordinances//Ordinances_Ph.D.pdf**
2. **For more details about M.Tech (Research) Programme at IIT Mandi, please visit: [https://iitmandi.ac.in/pdf/ordinances/Ordinances_MTech\(R\).pdf](https://iitmandi.ac.in/pdf/ordinances/Ordinances_MTech(R).pdf)**
3. **Qualification for Admission to get the HTRA fellowship:- <https://insite.iitmandi.ac.in/circulars/show.php?ID=IITMandi/Acad/Senate/2023/2196-2201>**



4. **In addition, the reservation criteria, as per GoI norms:-**
<https://insite.iitmandi.ac.in/circulars/show.php?ID=IITMandi/SM-44/2024/456-462>

How to Apply

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

Link to Apply:- <https://iitmandiadm.samarth.edu.in/aug24/index.php/>

Mode of Interview: The interview will be in **offline** mode only.

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: Online

Contact Details

- For any queries related to the admission process, required documents, eligibility conditions you may contact sbb_admissions@iitmandi.ac.in, or call 01905-267061
- For only technical issues, contact it_helpdesk@iitmandi.ac.in

Dates:

Start of online application 27-11-2024

Deadline for online application: 04-12-2024 (05:00) pm

Tentative dates for interview: 13th-14th December 2024

- Reservation policies as per prevailing GOI rules will be followed.
- IIT Mandi reserves the right to admit / not admit for any of the advertised areas and apply appropriate criteria for shortlisting.
- The decision of the competent authority in all matters relating to the eligibility of the candidate, written test/Interview and admission would be final and binding on all the candidates. In case of any dispute/ ambiguity that may occur in the process of admission, the decision of the Institute shall be final.
- All the details furnished in the online application will be treated as final and no changes shall be entertained. Non-submission of valid/required documents and/or incomplete applications shall be summarily rejected.

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