

**Advertisement for Admission in
Ph.D. Program at Center for Quantum Science & Technologies (CQST)
IIT Mandi
(Jan- June, 2025)**

The **Center for Quantum Science and Technologies (CQST)** IIT Mandi invites applications from the enthusiastic candidates for the admission in **PhD program** in the field of quantum science and technologies. The proposed PhD program is designed to meet the requirement of innovative researchers in the field of quantum technology.

The PhD position will involve cutting edge research in the domain of Quantum Computing, Quantum Information, Quantum Communication, Quantum Algorithm, Quantum Devices, etc. The candidate having a strong background in any of the areas such as Quantum Physics, Computer Science, Electrical Engineering, Quantum Optics, high-frequency electronics, Artificial Intelligence are encouraged to apply in the interdisciplinary field of research.

Eligibility Criteria:

Postgraduate (M.Tech, M.Sc.) or B.Tech degree in any of the subjects (i) Physics, (ii) Electrical Engineering, (iii) Computer Sciences, (iv) Electronics, (v) Device fabrication, (vi) Quantum Optics, (vii) any other relevant to the field of quantum technology; from a recognized university/Institutes like IITs/IISERs or any other centrally funded technical institute of repute, fulfilling the following criteria :

1. Master's or B.Tech degree with 60% marks or 6.5 CGPA.
2. Qualified at least one national level exam (NETLS/JRF (any score/rank), GATE, DST- INSPIRE or any other equivalent national level exam).
3. GATE Score is waived off for candidates having B.Tech/BE degree from CFTI with CGPA ≥ 8 .

Exemptions from mandatory requirements of Valid GATE score:

- B.Tech/B.E./B.S. (or equivalent) degree from CFTI (Centrally Funded Technical Institute)/ any of the top100 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. equivalent from IITs, IISERs, IISc 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 the overall category granted for the year during which admission is sought.

Mode of Interview:

- The shortlisted candidate will be called for an interview. Interview will be in online mode.
- 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.

- For each specialization and program, candidates should submit a separate application with the application fee.
- 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 application shall be summarily rejected.

You are requested to submit the following documents through Google form, if appearing in online interview, we will send separate mail to the appearing candidates:

- All your original certificates and also self-attested photo copies of the certificates (from Class X onwards).
- Qualifying certificate of the GATE/NET/CSIR/UGC/JEST examination.
- Those who belong to SC/ST/OBC/OBC-NCL/General-EWS category must produce a certificate of the same.
- Certificates related to OBC-NCL/EWS should be issued in the current financial year.
- Any other relevant documents (e.g. experience certificate, etc.)
- One updated Resume & passport size photograph

General Information:

Information on eligibility, minimum qualifications, and scholarship rules are briefly provided on the following link:

Ph.D. Ordinance and Regulations (O&R) IIT Mandi:

https://www.iitmandi.ac.in/pdf/ordinances/Ordinances_Ph.D.pdf

How to apply:

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

<http://iitmandiadm.samarth.edu.in/aug24/index.php>

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 fee Payment: Online

Important Dates:

1. Start of online application **16 December, 2024**
2. The last date for submitting an online application form is **31st December, 2024 till 5 PM.**
3. The interview will be conducted tentatively **on 06-07 Jan, 2025**

Contact for further queries related to:

Filling- up of online application and technical queries at: it_helpdesk@iitmandi.ac.in

For any other queries: cqstoffice@iitmandi.ac.in

Notes:

1. Please carefully check the eligibility criteria that fit your application and make sure you get all the relevant documentation related to the same.
2. Upload self-attested documents as a single zip file (Proof of identity (Aadhar card/voter card/PAN card/any other), Class 10 certificate as proof of date of birth, Mark sheets of UG and PG degrees (rank certificate, if any), Qualifying certificate of the GATE/CSIR/UGC/other examination, Caste Certificate.)