Walk-in Interview for Admission in
PhD program at Center for Quantum Technologies (CQST) and School of Physical Sciences (SPS), IIT Mandi
(2023-24)

IIT Mandi has established a Center for Quantum Science and Technologies (CQST), with an ambitious goal of developing an Optical Quantum Computer. In this regard, we invite applications from the enthusiastic candidates for the admission in **PhD program** in the field of quantum science and technologies for the academic year 2023-24. The proposed PhD program is designed to meet the requirement of innovative researchers in the field of quantum technology, in line with the country's 'National Quantum Mission'.

The PhD position will involve cutting edge research in the domain of Quantum Computing, Quantum Information, Quantum Communication, Quantum Algorithm, Quantum Devices, Atomic Physics 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. Qualified GATE with a rank less than 3000 for GEN category, Less than 3500 for OBC-NCL/EWS category, and less than 4000 for SC/ST/PWD category.

    4. For candidates applying under the self-sponsored category, the criteria number 2 and 3 will not be applicable.

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 overall category granted for the year during which admission is sought.

Mode of Selection:

The walk-in interview will be in offline mode. Candidate should submit their choice for the interview mode given above.

- 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 application shall be summarily rejected.

- You are also requested to bring following documents:

  i.   All your original certificates and also self-attested photo copies of the certificates (from Class X onwards).

  ii.   Qualifying certificate of the GATE/NET/CSIR/UGC/JEST examination.

  iii.   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 as per DOPT format.

  iv.   Any other relevant documents (e.g., experience certificate, etc.)

  v.   One updated resume & passport size photograph

For any other queries related to this walk-in-interview of Ph.D. admission process you may contact

How to apply:

Interested candidates are encouraged to fill the online application form available in the following link: **http://oas.iitmandi.ac.in/Admission**

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: SBI Collect Portal

(https://www.onlinesbi.com/sbicollect/icollecthome.htm)

Applicant should submit fee on SBI collect portal of the IIT Mandi; and submit generated transaction number to the OAS admission application portal. One application fee is valid for the single application. The application fee is non-refundable.

Important Dates:

1. The last date for submitting online application form is 02nd September, 2023.
2. The interview will be conducted on 09th September, 2023.

Contact for further queries related to:

- Filling-up of online applications and technical queries at - oassupport@iitmandi.ac.in
- For any other queries - spsoffice@iitmandi.ac.in

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