



भारतीय प्रौद्योगिकी संस्थान मंडी 175 075 (हिमाचल प्रदेश)

IIT Mandi 175 075 (Himachal Pradesh)

Recruitment Section

Advertisement No.: IIT MANDI/Fac./2024/CQST-01

Date: 23.08.2024

Opening Date: 23.08.2024

Closing Date: 21.09.2024

The **Centre for Quantum Science and Technologies (CQST)**, at **Indian Institute of Technology (IIT) Mandi** invites applications for full-time regular faculty positions (Assistant Professor) in quantum science and technologies. As part of an initiative in quantum science and technology, IIT Mandi plans to hire up to 4 new faculties in the coming year. Successful candidates will focus on the experimental research in the development of advanced quantum technologies. We are particularly interested in people experienced in transformative research and disruptive technologies.

Assistant Professor (Grade-I & Grade-II)	Preferred Areas Quantum computation, Quantum-optics, Quantum communications, Quantum control, Microwave technologies, and Algorithms/software development for quantum-information processing
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The **CQST** is a newly established academic center at IIT Mandi, with a vision to bring advancement in the field of quantum technologies and educating future generations of quantum scientists and engineers. Currently, the center is focused on building a reliable and scalable optical vortex-based quantum-computing platform, capable of solving specific problems. We aim to explore how multiple quantum phenomena can work together to instantly deliver deeper insights into any unknown data. To achieve these goals, we are establishing a national laboratory with state-of-the-art facilities to test all hallmarks of optical quantum computing.

For the essential qualifications, experience, and other terms and condition please refer to the document: <https://cloud.iitmandi.ac.in/d/a4968566125a4c0e925b/>

Application Procedure:

Please apply online at: <https://iitmandirec.samarth.edu.in/>

The last date for receiving applications is **21.09.2024**.

After this deadline, applications may be considered until faculty positions get filled.

For queries, please contact, Dr. C.S. Yadav, Chairperson, **Centre for Quantum Science and Technologies (CQST)**, Indian Institute of Technology Mandi, via email: (chaircqst@iitmandi.ac.in) and for technical issues, kindly mail at (techhelp@iitmandi.ac.in).

General information about the **Centre for Quantum Science and Technologies (CQST)** can be found on the following website: <https://cqst.iitmandi.ac.in/>