भारतीय प्रौद्योगिकी संस्थान तिरुपति
INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
CENTRE FOR
SPONSORED RESEARCH AND CONSULTANCY
Yerpedu – Venkatagiri Road, Yerpedu Post, Tirupati District, A.P – 517619

No.: Advt/ IITT/CSRC/25-26/30 **Date: 19-12-2025**

Applications are invited from eligible Indian nationals for the Project Associate I in a timebound sponsored project undertaken in the Department of Physics.

Position	Project Associate I
Number of vacancies	1
Essential Qualification	• B.S.-M.S. 5-year Integrated in Physics/ 2-year M.Sc. in Physics and/or 2-year M.Sc. in Applied Physics or B.S./B.Tech./B.E. in Physics/ Engineering Physics/Radio Physics with minimum of 60% marks. • Must have a valid GATE/CSIR-UGC NET including LS/JRF and/or JEST score • Minimum aggregate CGPA is 7 out of 10 or aggregate percentage marks 70% out of 100% *Relaxation:* • 7.0 CGPA or 70% for OBC/EWS • 6.5 CGPA or 65% for SC/ST/PWD
Project No.	PHY2425004DSTXARIJ
Project Title	A multi-node quantum repeater network for entanglement distributionbased quantum communication
Sponsoring Agency	Department of Science and Technology
Principal Investigator	Dr. Arijit Sharma
Department	Physics
Monthly Salary	INR 37000/- + HRA as applicable (9% for Tirupati city)
Tenure of Assignment	Initially 1 year, extendable up to one more year of project subject to satisfactory performance.
Desired Experience	Good knowledge of more than one of the following topics at the M.Sc. Physics level - Atomic and Quantum Physics - Electronics - Optics - Electromagnetic Theory - Atomic and laser spectroscopy - Hands on experimental exposure at the senior undergraduate or M.Sc. level experiments in optics/atomic physics/lasers
Nature of Work	- Research and development - Design and development of laser spectroscopy set-up - Data recording and documentation of the research work - Critical analysis of the experimental results - Assist in any other associated experiment - Offline on campus physical presence is needed - Remote work not possible

	- Reporting of experimental data, observations and outcomes in the nature of peer-reviewed manuscripts - Possibility to register for a PhD program connected to the project subject to suitable performance, passing the admission test and meeting the eligibility conditions advertised for the PhD program by the Department of Physics, IIT Tirupati
Age Limit	Age limit - Not more than 28 years
Any other requirement/ Supporting material required	1. Self-attested academic certificates and transcripts from undergraduate level to postgraduate level depending on academic status. 2. A copy of the current CV, a copy of the Statement of purpose (SOP) and motivation letter. 3. One letter of recommendation (LOR) required from your former academic faculty or former academic project supervisor.
Mode of selection	1. Shortlisting based on CV, SOP and motivation letter and the LOR. 2. Online interview of the shortlisted candidates. 3. No TA/DA will be paid for the shortlisted/selected candidates. 4. Candidate needs to join duty within 7 days of intimation of selection by the committee.
Application Last date	03-01-2026
Application Link	https://forms.gle/jdRHvm5ZqCfbsrcs5

The shortlisted candidates will be informed by Email only. Selection will be based on the qualification, experience, and interview. **No TA/DA shall be paid to candidates appearing for an interview online or offline**. The interview date will be notified to the shortlisted candidates by Email. For any queries send mail to csrc_recruitment@iittp.ac.in

IIT Tirupati also reserves the right to discontinue the position with 1 month notice if the performance is not satisfactory.

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