



भारतीय प्रौद्योगिकी संस्थान इंदौर

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Indian Institute of Technology Indore

Khandwa Road, Simrol
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Recruitment for Project Positions

Applications are invited from motivated and eligible candidates for the project positions of **Research Associate** (one position) and **Junior Research Fellow** (two positions) in project in the era of **Integrated Quantum Photonics** sponsored by Department of Science and Technology (DST), Government of India, under **National Quantum Mission**. Selected candidates will be involved in design, fabrication (using micro-fabrication technologies) and characterization of on-chip photonic devices. The candidates are expected to have a good knowledge in Nanoelectronics/Photonics.

1. Research Associate (RA-I) – One position

Duration: Initial appointment is for one year, which is extendable further based on performance.

Emolument: 58000 p.m. + 16% HRA.

Eligibility:

Essential Qualification: Ph.D. in Electronics/Photonics/Applied Physics/Material Science & Engineering or other relevant topic. Those who have submitted their Ph.D. thesis are also eligible to apply.

Age limit: 35 years. Relaxation for SC/ST/OBC candidates as per Government of India norms.

2. Junior Research Fellow (JRF) – Two positions

Duration: Initial appointment is for one year, which is extendable further based on performance. Selected candidates may be considered for admission to the PhD Program as regular full-time scholar at IIT Indore.

Emolument: 37000 p.m. + 16% HRA.

Eligibility:

Essential Qualification: Master's degree in the relevant branch of Electronics/ Electronics and Communication Engineering/ Microelectronics/ Optoelectronics/ Nanotechnology/ VLSI Design/Microwave engineering with a GATE score.

Age limit: 30 years. Relaxation for SC/ST/OBC candidates as per Government of India norms.

How to Apply: Interested candidates are requested to submit the details in the [google form](#) and a detailed CV should be sent to Prof. Mukesh Kumar, Department of Electrical Engineering, Indian Institute of Technology Indore, via e-mail to photonics_outreach@iiti.ac.in with a copy (cc) to mukesh.kr@iiti.ac.in with the subject line **“Application for project position under National Quantum Mission”**.

Note: CV should include academic grades starting from 10th standard onwards with details of the year of passing, University or Institute, etc., and work experience and nature of work if applicable. Complete details of NET/GATE such as year of passing/validity, discipline, marks, **All India Rank**, and number of candidates who appeared should be mentioned in the CV. Incomplete applications will be rejected. Only shortlisted candidates will be intimated by email for an interview. No **TA/DA** will be paid to appear in the interview.

Last Date of Application: January 31, 2025. The deadline may further be extended.

Webpage: <http://iiti.ac.in/people/~mukesh.kr/>