

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Dated: 28/9/2026

Applications are invited from Indian nationals only for project position(s) as per the details given below for the **research** project(s) under the principal investigator **Prof. Darshak Bhatt**, Deptt. /Centre of **Electronics & Communication Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project : DESIGN OF 100+ GBPS OPTICAL TRANSCEIVERS FOR ONBOARD AND INTER SATELLITE COMMUNICATION
2. Sponsor of the project : ANRF
3. Project position(s) and number : SRF (1)
4. Qualifications (Eligibility) :
Two years of research experience AND Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:
 - a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
 - b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MOE, ICAR, ICMR, IIT, IISC, IISER, NISER etc.
- Desirable Qualifications : The candidate with exposure and interest in Microelectronics, VLSI, Radio Frequency Integrated Circuit Design (RFIC), Analog Circuit Design, and good skill in Cadence/virtuoso, Keysight ADS circuit design/ HFSS/CST Microwave, etc. will be given preference.
5. Emoluments : Rs. 42000 + HRA
6. Duration : 2 Years 6 Months
7. Job description : Highly motivated candidates with a background in Electronics & Communication Engineering, VLSI, Analog/Mixed-Signal IC Design, Microelectronics, High-Speed Communication, Photonics, or related areas, meeting the eligibility criteria specified in the advertisement.
8. The selected candidate may get an opportunity for PhD admission.

9. Terms & Conditions:

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents through link by 11/10/2026:
 - CV
 - Degree Certificates
 - Experience Certificates
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.
10. In case of Submission of form issue contact over email to darshak.bhatt@ece.iitr.ac.in. The interview may be conducted online and scheduled immediately, within one week after the application deadline.

The last date for application to be submitted to office of Principal Investigator is **11/10/2026** by **11:59 PM**.

If selected, the candidate will be joining the position **as soon as possible**.

Please submit your application via the following link: <https://forms.gle/yUG5wgCbhw7FLmft6>

Tel:



Signature of Dean SRIC

Prof. Darshak Bhatt
Principal Investigator
Electronics & Communication Engineering
darshak.bhatt@ece.iitr.ac.in

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

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