

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Electronics and Communication)

Dated: ~~04/07~~/2025

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (Name: Prof. Darshak Bhatt), Department of Electronics and Communication, Indian Institute of Technology, Roorkee.

Title of project :	Development of a 140 GHz Fully Integrated Transmitter and Receiver Module for 6G and beyond
Sponsor of the project	C-DOT TTDF
Project position(s) and number	1 Junior Research fellow (JRFs)
Qualifications	M.E/M.Tech in VLSI/RF & Microwave/Communication Engineering/ECE/or equivalent (Candidate must be GATE qualified, however validity of score is not necessary) 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.
Emoluments	Rs. 37,000 (Per Month) + HRA (as applicable)
Duration	1 years or Till end of the project (JRF will be promoted to PhD as per the Institute rules)
Job description	To carry out research work for the above project, including research and development activities related to RF Circuits and wireless transceiver design focus toward on-chip RFIC.
Application through	Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email: darshak.bhatt@ece.iitr.ac.in for application by produce at the time of Online/offline Interview: 1. Application in a plain paper with detailed CV including chronological discription degree/certificates obtained. 2. Experience including research, industrial field and others. 3. Attested copies of degree/certificate and experience certificate.

- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.

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2. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
3. Preference will be given to SC/ST candidates on equal qualifications and experience.
Please note that no TA/DA is admissible for attending the interview.

**Note: The selected candidate may get an opportunity for PhD admission.
The Walk-in-interview for applicant will be on 10/12/2025 at 10 AM in Department of ECE.**

Tel: +91-1332-285645

Email: darshak.bhatt@ece.iitr.ac.in

**Name: Prof. Darshak Bhatt and signature
of Principal Investigator**

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

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Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

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