

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

Dated: 20/05/2024

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.

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|----------------------------|---|
| Title of project | Development of a 140 GHz Fully Integrated Transmitter and Receiver Modu 6G and beyond |
| Sponsor of the | C-DOT TTDF |
| Project position(s) number | 3 Junior Research fellow (JRFs) |
| Qualifications | B.E/B.Tech in ECE or equivalent with GATE or 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 Microw etc. will be given preference. |
| Emoluments | Rs. 31,000 (Per Month) + HRA (as applicable) |
| Duration | 2 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 activ related to RF Circuits and wireless transceiver design focus toward on-chip RFIC. |
| Application through | 1. 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 and https://forms.gle/cP6mAX9xg3EKXpXj9 by p produce at the time of Interview: 2. Application in a plain paper with detailed CV including chronological discipl degree/certificates obtained. |

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| | 3. Experience including research, industrial field and others. 4. Attested copies of degree/certificate and experience certificate. |
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1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
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 interview can also be online.**

Note: The selected candidate may get an opportunity for PhD admission.

The last date for application to be submitted to office of Principal Investigator is **16/06/2024** by 5 PM.
(not applicable for walk in interview)

Tel:+91-1332-285645




Name: Prof. Darshak Bhatt and signature
of Principal Investigator

Email:

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

Approved



डीन (सिक)/(Dean SRIC)
भा. प्रौ. सं. रुड़की/IIT Roorkee

Rojeev
24-5-2024
27/5/24 27/5