

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Electronics and Communications Engineering)

Dated: 06/10/2022

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: **Dr. Karun Rawat**), Department of **Electronics and Communications Engineering** Indian Institute of Technology, Roorkee.

1. Title of project: **Design & Development of Ultra-Wideband Multi-Octave Gallium Nitride Monolithic Microwave Integrated Circuit (MMIC) based Power Amplifier.**
 2. Sponsor of the project: **SERB, New Delhi.**
 3. Project position(s) and number: **Senior Research Fellow (SRF): 01 (one position)**
 4. Qualifications: **M.E/M Tech. in Electronics & Communication or equivalent with CGPA above 7.0 (on a 10.0 scale) or a percentage greater than 70% aggregate with minimum 2 years of relevant experience. The candidate must have qualified National Eligibility Tests- CSIR-UGC NET including lectureship (assistant Professorship) or GATE. The candidate with exposure and interest in Radio frequency circuit design, Microelectronics, Analog Electronics Design, etc. will be given preference.**
 5. Emoluments: **35000+ HRA (or as per SERB norms).**
 6. Duration: **up to 14 Jan 2023.**
 7. Job description: **The SRF will be involved in the research and development activities related to Power Amplifiers, RF circuits and wireless transmitter design with focus towards on-chip implementation. The SRF will also get exposure in RF measurement and characterization in this research project.**
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 to the office of Principal Investigator through email, by post or produce at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
 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.

The **walk-in interview** will be held at **The Conference Hall of Dept. of Electronics & Communication IIT Roorkee on 21/10/2022 at 10.00 am.**

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

APPROVED

Asharan

डीन (सिक)/(Dean SRIC)

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8/10/22

8/10/22

Karun Rawat
16/10/2022

Dr. Karun Rawat
(Principal Investigator)