

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Name of Dept./Centre)

SRIC/06

Dated: 01/07/2024

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: **Dr. Saurabh Khanna**). Dept./Centre: **Electronics and Communication Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project: **Compressed Sensing-Based Ultra-High Resolution Automotive FMCW Radars**
2. Sponsor of the project: SERB
3. Project position(s) and number: Junior Research Fellow (JRF), 01 (one)
4. Qualifications: (i) M.Tech in Communication Systems/Signal Processing or equivalent (ii) B.Tech in Electrical Engineering/ECE. In addition, the candidate (UG or PG) must have qualified GATE/CSIR-UGC NET examination.
5. Emoluments: Rs. 37000 + HRA
6. Duration: For 1 year (can be extended up to 2 years based on performance)
7. Job description: Development and implementation of algorithms for FMCW Radar, HW/SW prototyping of algorithms, Matlab-based programming, C-based embedded programming and scripting.

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 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.

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

The last date for application to be submitted by email to the Principal Investigator (sakhanna@ece.iitr.ac.in) is **20 July 2024**.

The online interview date will be conveyed to the shortlisted candidates after the shortlisting.

Tel: +91-1332-28-4956

Email: sakhanna@ece.iitr.ac.in

Saurabh
11/7/24
(SAURABH KHANNA)
Name 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.

Approved

Approved

डीन (सिक)/(Dean SRIC)

भा. प्रौ. सं. रुड़की/IIT Roorkee

Rejeet
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