

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

Dated: 2<sup>nd</sup> December 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. Saravana Kumar M**), Dept. of **Electronics and Communication (ECE)**, Indian Institute of Technology, Roorkee.

1. **Title of project:** Design of A-to-D converter with a bandpass frequency response for wireless applications.
2. **Sponsor of the project:** Science and Engineering Research Board (SERB)
3. **Project position(s) and number:** Junior Research Fellow (JRF) - 01
4. **Qualifications:** B.E/B.Tech in ECE\EEE\EIE + GATE/NET Qualified or M.E/M.Tech in Electronics and Communication Engineering and related areas. + GATE/NET Qualified
5. **Emoluments:** As per the JRF norms of the institute. (Rs. 31000/- P.M+HRA)
6. **Duration:** 1.5 years
7. **Job description:** To carry out research work for the above project which includes mathematical analysis, modelling, and design in industry standard integrated circuit technology.

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 ([saravana.kumar@ece.iitr.ac.in](mailto:saravana.kumar@ece.iitr.ac.in)) and produce the same 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 for PhD admission.**

The interview will be held at **10:30 am** on **14<sup>th</sup> January 2023** in the **ECE conference Room, Dept. of Electronics and Communication Engineering, IIT Roorkee.** (to be given only for walk in interview)

Tel: 01332-285460  
Email: [saravana.kumar@ece.iitr.ac.in](mailto:saravana.kumar@ece.iitr.ac.in)

*M. Saravana Kumar*  
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. **NOTE: Subject of the mail must be mentioned as "Application for JRF"**

*Approved*

*Abhishek*  
5/12/22

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