

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Electrical Engineering)

Dated: 1st June 2022

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position as per the details given below for the research project under the Principal investigator (Name: **Prof. P. Sumathi**), Department of Electrical Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: **“AI Enabled Algorithms for Object detection, Recognition, and Classification with Thermal Imaging”**
2. Sponsor of the project: **DRDO, Instrument Research and Development Establishment, Dehradun- 248008**
3. Project position(s) and number: **JRF, One (01)**
4. Qualifications: **B. E. /B. Tech and M. E/M. Tech/ in specializations of Electrical Engg./ECE/CSE/ Instrumentation Engg. with GATE qualification**
5. Emoluments: **₹ 31,000 + HRA (as per institute rules)**
6. Duration: **18 Months or up to the duration of project**
7. Job description: **Development of dataset and novel AI algorithms for surface and aerial targets using thermal images. Candidate should have sound knowledge of Machine Learning/ Deep Learning and FPGA. Candidate will be carrying out research work at DRDO Dehradun and IIT Roorkee, so frequent visits to DRDO Dehradun might be required.**

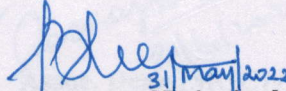
Application Process

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 (p.sumathi@ee.iitr.ac.in) by **18th June 2022**:
 - 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.
 - All the documents shall be compiled in a single PDF file and named as **“Candidate Name”** and subject of the mail should be **“Application for JRF position in DRDO project”**.
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. Please note that no TA/DA is admissible for attending the interview.
5. Only shortlisted candidates will be called for interview. The interview will be held in offline mode.
6. Preference will be given to SC/ST candidates on equal qualifications and experience.

Note: The selected candidate may get an opportunity for PhD admission in the Department of Electrical Engineering, IIT Roorkee.

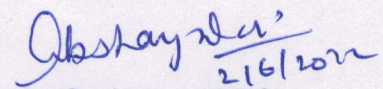
Email: p.sumathi@ee.iitr.ac.in

Tel: 01332-28-5259


Name and signature of Principal Investigator
Dr. P. Sumathi

*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
Rajeev 1-6-22 11/6/22