

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

Dated: 3rd July 2026

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: P. Sumathi), Department of Electrical Engineering, Indian Institute of Technology, Roorkee.**

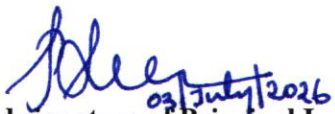
1. Title of project: **Miniaturized Impedance Analyzer for Onsite Concrete Hydration Monitoring using PZT Transducer.**
2. Sponsor of the project: **ANRF, Delhi**
3. Project position(s) and number: **JRF and one**
Qualifications: **M. Tech EE/ECE specialized in Instrumentation/Signal Processing/VLSI/ Embedded Systems with GATE qualification**
4. Emoluments: **₹ 37,000 per month + HRA**
5. Duration: **3 years**
6. Job description: **Candidate should be able to develop Impedance analyzer and its readout circuits. Candidate should have knowledge of analog and digital circuit design, signal processing, and FPGA. Candidate will be able carry out the assigned tasks in collaboration with CSIR - CBRI, Roorkee.**

Application Process

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 - Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through an email, (p.sumathi@ee.iitr.ac.in) by **20th July 2026**
 - 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.
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.
4. Please note that no TA/DA is admissible for attending the interview.
5. Shortlisted candidates will be called for interview. The Interview will be held in hybrid mode and link to join the interview online will be shared with shortlisted candidates.

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: 01332-285259


Name and signature of Principal Investigator
Prof. P. Sumathi

Approved

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


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