

SRIC/06

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

Dated: 12/05/2026

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 and Implementation of Advance Techniques in Non-linear Power Amplifiers Optimizing Size, Weight & power (SWAP)**.
Sponsor of the project: **DRDO, New Delhi**.
2. Project position(s) and number: **Project Scientist -I (Four position) 04 nos.**
3. **Qualifications:** Essential: Ph.D. degree or M.Tech./M.E. degree in Electronics/Electrical Engineering or a relevant discipline from a recognized university or institute.
Desirable: At least one research publication in a Science Citation Indexed (SCI) journal or a reputed international conference. Proven research experience in RF circuit design, particularly in areas related to power amplifiers or RF/microwave circuits.
4. **Emoluments:** 56000 +10% HRA 5% increase for every two years of experience.
5. **Duration:** 1 year or until the completion of project.
6. **Job Description:** The selected candidate will be involved in research and development activities related to the design and implementation of advanced techniques in non-linear RF power amplifiers with a focus on optimizing Size, Weight, and Power (SWaP). The candidate will work on analysis, design, simulation, fabrication, and testing of RF/microwave power amplifier circuits. The candidate is expected to carry out experimental validation, performance characterization, and integration of developed modules. He/She will be required to document research outcomes and publish findings in reputed journals and conferences. Additionally, the candidate will assist in preparing technical reports, project progress updates, and documentation for the sponsoring agency. He/She must adhere to the rules and regulations of the host institute/organization.
 1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 2. Application in plain paper with a detailed CV including chronological discipline of degree/certificates obtained.
 3. Experience certificates including research, industrial field, and others.
 4. Attested copies of degree/certificate and experience certificate.
 5. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 6. Preference will be given to SC/ST candidates on equal qualifications and experience.
 7. Please note that no TA/DA is admissible for attending the interview.

Candidates wishing to appear for the interview should submit their applications via email & Google form along with the required qualification documents to

Email Id- shankhraj.ece@srlic.iitr.ac.in

Google form

<https://docs.google.com/forms/d/e/1FAIpQLSclveclAyUsn612gUvejQEbxZoSibHPGFSlanGLBtxtr2EpA/viewform?usp=header>

The last date of application is 01 June, 2026, by 5:00 PM IST.

The submitted documents will be used for shortlisting, and only shortlisted candidates will be called for the interview.

All shortlisted candidates will be informed about the interview date via phone or email.

APPROVED

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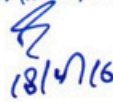


Dr. Karun Rawat
(Principal Investigator)

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



18/05/26



18/07/16



19/5/26