



**NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA**  
**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

**NITR/SR/2023/Advt-22EC085/L/005 dt.10.04.2023.**

Applications are invited on prescribed format (On-line) for the temporary post of “Senior Research Fellow (SRF)” for the Project entitled “Reduction of Radar Cross Section (RCS) using Metamaterial for Security Application”. Selected candidate may enroll for Ph.D. programme in the **Department of Electronics and Communication Engineering, National Institute of Technology Rourkela**, based on Institute norms and regulations.

1	Project Code	SR/22/EC/085
2	Name of the Temporary Post	Senior Research Fellow – 01 (One)
3	Name of the Research Project	“Reduction of Radar Cross Section (RCS) using Metamaterial for Security Application”
4	Name of the Sponsoring Agency	DRDO, Delhi
5	Tenure of the Project	Three (03) years (from 08-Feb-23 to 09-Feb-2026)
6	Tenure of the Assignment	Initial for a period of one year (Extendable to TWO more years upon satisfactory performance)
7	Job Description	(a) Carry out research work of the research project directed by the Principal Investigator (PI). (b) Keep and maintain the record of all results in presentable form (soft as well as hard copy). (c) Keep a track of contingencies/consumables and other heads required for the work. (d) Assist the PI in the preparation of various reports related to the research work. (e) Carry out any other departmental work as directed by PI.  Scope to enroll as a Ph.D. Scholar in the Department of Electronics and Communication Engineering (has to satisfy the Institute / Department Eligibility Criteria)
8	Consolidated monthly compensation / Fellowship	INR 35,000 per month for three years
9	Essential Qualifications and Experience	M.E./M.Tech. Degree in RF & Microwave Engg./ VLSI/ Electronics Engg. / Communication Engg. with minimum 65% marks or 7.0 CGPA, along with Institute norms and GATE qualified.
10	Desirable Qualifications / Experience	Experience in RF, Microwave and Antenna Design, Matlab / FORTRAN scripting, GATE qualified

11	Accommodation	Bachelor / Married accommodation in the Institute may be provided subject to availability.
12	Age limit	Maximum 32 years on the date of application, with relaxation to SC/ST/OBC candidates as per Government of India (Gol) norms.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name	Dr. Sudipta Maity
Address	Department of Electronics and Communication Engineering National Institute of Technology (NIT), Rourkela Odisha - 769008, India
Tel. No.	0661-246 2475
Mobile	8013076123
E-mail	<a href="mailto:maitysudipta@nitrkl.ac.in">maitysudipta@nitrkl.ac.in</a>

Date and Time for **On-line** Interview: **will be notified later.**

Place of Interview: **Dept. of Electronics and Communication Engg, NIT Rourkela**

Eligible candidates may apply within 27.04.2023, 23:59 HRS. The candidates are required to send the complete filled-up application form (soft copy) to [maitysudipta@nitrkl.ac.in](mailto:maitysudipta@nitrkl.ac.in) with the subject line "SRF application for DRDO Project". The application form is available in the following link: [http://nitrkl.ac.in/oldwebsite/Jobs\\_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any), etc.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator ([maitysudipta@nitrkl.ac.in](mailto:maitysudipta@nitrkl.ac.in)) **on or before 27.04.2023, 23:59 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview/joining. Selection/Joining will be canceled in case of any suppression of information/document provided earlier.

Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short-listed based on merit and the need of the project.

**Sd/-  
Asst. Registrar (SR)**

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) Prof. Sudipta Maity, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Electronics and Communication Engineering.
- 4) Project file.