



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

**NITR/SR/2022/Advt-22CS042/L/053, dt.16.11.2022**

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF) " for the Project entitled "Development of a low-cost system for self-monitoring of heart sound signals in daily-life scenarios." Selected candidate may enroll in Ph.D. Program in the **Department of Computer Science & Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	<b>SR/22/CS/042</b>
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	Development of a low-cost system for self-monitoring of heart sound signals in daily-life scenarios.
4.	Name of the Sponsoring Agency	SERB, DST, Govt. of India
5.	Tenure of the Project	02 years (from 28-10-2022 to 27-10-2024)
6.	Tenure of the Assignment	Initial for a period of one year (Extendable to two years upon satisfactory performance)
7.	Job Description	To carry out the research work in the field of Biomedical Signal and Image Processing. Scope to enroll as a Ph. D. Scholar in Department of Computer Science & Engineering (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	INR 31,000/Month
9.	Essential Qualifications and experience	M.Tech/ M.E/M.Tech. [R]/M.S. [R] (after B.Tech/ B.E.) in Computer Science and Engineering (CSE)/ IT with 60% marks or 6.5/10 CGPA at both B.E./ B.Tech and M.E./M.Tech levels OR B.Tech/B.E in CSE with GATE score and CGPA above 8.0/10 or marks above 65%.
10.	Desirable Qualifications / Exp.	Knowledge of Signal processing, Machine Learning and Programming skills
11.	Accommodation	Bachelor / Married accommodation in the Institute may be provided subject to availability.

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

Name : Dr. Puneet Kumar Jain  
Address : Department of Computer Science & Engineering  
National Institute of Technology Rourkela, Odisha 769 008.  
Tel. No. : 0661-246 0000  
Mobile : 9252903393  
E-mail : [jainp@nitrkl.ac.in](mailto:jainp@nitrkl.ac.in)

Date and Time for **On-line** Interview: **16.12.2022 at 11:00 HRS**

Place of Interview: **Department of Computer Science & Engineering, NIT Rourkela**

Eligible candidates may apply within **11.12.2022, 23.59 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to [jainp@nitrkl.ac.in](mailto:jainp@nitrkl.ac.in). 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 ([jainp@nitrkl.ac.in](mailto:jainp@nitrkl.ac.in)) **on or before 11.12.2022, 2359 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 invitation to the interview. Candidates will be short listed based on merit and 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) Dr. Puneet Kumar Jain, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Computer Science & Engineering (CS).
- 4) Project file.