



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

NITR/SR/2022/Advt-22ID060/L/085, dt. 16.03.2023.

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" or "Senior Research Fellow (SRF)" for the Project entitled "Underwater Acoustic Composite Metamaterial". Selected candidate may enroll in Ph.D./M. Tech (R) Program in the **Department of Industrial Design and or Department of Mathematics (based on eligibility) National Institute of Technology Rourkela** based on Institute norms and regulations.

1	Name of the temporary post	Junior Research Fellow/Senior Research Fellow Total 2 Posts from Category-A and or B together.
2	Name of the Research Project	Underwater Acoustic Composite Metamaterial (RACCOM)
3	Name of the Sponsoring Agency	CEFIPRA
4	Tenure of the Project & Amount sanctioned for the post	3 Years
5	Tenure of the Assignment	3 Years
6	Job Description	Expertise in MATLAB, Mathematica, ANSYS, Mathematics. Primary responsibility is to carry out research on the proposed project. The project student may be transformed to PhD/M.Tech (R) on satisfying all the criterion of the institute and observed performance.
7	Consolidated monthly fellowship	35,960 (first 2 years), 40,600 (3rd year)
8	Essential Qualifications & Experience	Category-A: B. Tech. with valid GATE Score or M. Tech. through GATE (<i>under PI, Department of Industrial Design</i>) Category-B: MSc. in Mathematics having valid GATE/NET Score (<i>under Co-PI, Department of Mathematics</i>)
9	Desirable Qualifications & Experiences	Valid GATE/NET score. First class throughout career.
10	Test	Basic MATLAB Programing Test / Solving PDE
11	Project Code	SR-22-ID-060
12	Last date of receipt of Application form	10th April 2023

For technical information on the project, the candidate may contact.

Principal Investigator <i>Responsible for Category-A</i>	Co-Principal Investigator <i>Responsible for Category-B</i>
Dr. Dibya Prakash Jena Assistant Professor Industrial Design Department National Institute of Technology Rourkela, Odisha 769 008 +91-99380-84602; jenad@nitrkl.ac.in	Dr. Debarjoyti Choudhuri Assistant Professor Department of Mathematics National Institute of Technology Rourkela, Odisha 769 008 +91-7682991867, choudhurid@nitrkl.ac.in

Possible date and time of offline/physical Interview: **20th April 2023**

Eligible candidates may apply within 10th April 2023, 17:00 HRS. The candidates are required to send the complete filled up application form (Soft copy) to **jenad@nitrkl.ac.in** and **choudhurid@nitrkl.ac.in**. The application form is available in below link 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 (**jenad@nitrkl.ac.in** and **choudhurid@nitrkl.ac.in**) on or before 10th April 2023, 17:00 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 cancelled in case of any suppression of information / document provided earlier.

[https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf%20](https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf%20)

Mere possession of minimum qualification does not guarantee invitation to the interview. TA/DA will not be given to the candidates to attend 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. Dibya Prakash Jena, PI and Dr. Debarjoyti Choudhuri, Co-PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Industrial Design
- 4) Project file.