



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

Department of Mathematics. **NITR/SR/2022/Advt-22ID060/L/091, dt. 28.03.2023.**

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "Underwater Acoustic Composite Metamaterial". Selected candidate may enroll in Ph.D. **Program in the 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 ( <b>1 Post</b> ) <b>(Pr. Code: SR/22/ID/060)</b>
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	31,000 + HRA (as applicable) (first 2 years) 35,000 + HRA (as applicable) (Third year) <a href="#">OM Fellowship Revision-2019.pdf (dst.gov.in)</a>
8	Essential Qualifications & Experience	The eligibility for JRF and or SRF are as per DST. <a href="#">OM Fellowship Revision-2019.pdf (dst.gov.in)</a> <b>stronghold in Partial Differential Equations.</b>
9	Desirable Qualifications & Experiences	<b>MSc in Mathematics</b> and with valid NET/GATE 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	<b>14<sup>th</sup> April 2023</b>
13	Maximum Age	32 years (35 years for SC/ST/Women candidates) As per NIT PhD fellowship criteria.
14	Possible date and time of offline/physical Interview	<b>21<sup>st</sup> April 2023</b>

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

Co-Principal Investigator
Dr. D. Choudhuri Assistant Professor Department of Mathemaitcs National Institute of Technology Rourkela, Odisha 769 008 +91-768299-1867; choudhurid@nitrkl.ac.in

Eligible candidates may apply within **14th April 2023**, 17:00 HRS. The candidates are required to send the complete filled up application form (Soft copy) to **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 (**choudhurid@nitrkl.ac.in**) on or before **14<sup>th</sup> 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.