



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

NITR/SR/2022/Advt-22ME001/L/064, dt.10.01.2023

Applications are invited in the prescribed format (online) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "**Dynamic Analysis and Development of Multifunctional Energy Storage Laminated Composite Structures for Electric Vehicle**" in the [Department of Mechanical Engineering](#) of the Institute.

1.	Project Code	SR/22/ME/001
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	Dynamic Analysis and Development of Multifunctional Energy Storage Laminated Composite Structures for Electric Vehicle
4.	Name of the Sponsoring Agency	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
5.	Tenure of the Project	03 years (from 21 st Mar 2022 to 20 th Mar 2025)
6.	Tenure of the Assignment	Initial for a period of one year (May be extended to next year upon satisfactory performance)
7.	Job Description	<ul style="list-style-type: none">• Carry out research work on the research project directed by the Principal Investigator• Keep and maintain the record of the results in presentable form (Soft as well as hard copy).• Keep a track of contingencies/consumables required for the work.• Assist the PI in the preparation of various reports related to the research work.• Carry out any other departmental work as directed by PI.
8.	Consolidated monthly compensation / Fellowship	INR 31,000/- per month (1 st & 2 nd Yrs) and INR 35,000/- per month (3 rd yr.)+ HRA @ 16% (if applicable, as per SERB, Govt. of India Rule).
9.	Essential Qualifications and experience	M.E./M.Tech. Degree in Machine Design Specialization with minimum 65% marks or 7.0 CGPA, along with Institute and SERB norms
10.	Desirable Qualifications / Exp.	Experience in MATLAB, Simulink, OROS analyzer and Dynamic Mechanical Analysis (DMA)
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 : Prof. Tarapada Roy
Address : Department of Mechanical Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2507
Mobile : 9438869552
E-mail : tarapada@nitrkl.ac.in

Date and Time for **Online** Interview: **Will be notified later for shortlisted candidates.**

Place of Interview: **Department of Mechanical Engineering, NIT Rourkela**

Interested candidates (preferably below 35 years) are requested to submit a duly filled and signed application form in the attached format (with soft copies of all supporting documents, publications etc.) through email only to tarapada@nitrkl.ac.in. Please form a single PDF file with all documents and mention "Application for JRF_SR/22/ME/001" in the subject field of the mail. The soft copy of the application must reach by **21.01.2023, 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

The application form is available at 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).

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/-
Jt. / Dy. / Asst. Registrar (SR)

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) **Prof. Tarapada Roy, PI** with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Mechanical Engineering (ME).
- 4) Project file.