



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

NITR/SR/2021/Advt-21ME056/L/068, dt. 07.02.2022

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)"-for the Project entitled "Design and Development of a Mechanical Metamaterial with Quasi-Zero-Stiffness behavior for Vibration Control applications". Selected candidate may enroll in Ph.D.-Programme in the **Department of Mechanical Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/21/ME/056
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	Design and Development of a Mechanical Metamaterial with Quasi-Zero-Stiffness behavior for Vibration Control applications
4.	Name of the Sponsoring Agency	Science and Engineering Research Board, DST.
5.	Tenure of the Project	3 Years
6.	Tenure of the Assignment	3 Years (based on the performance)
7.	Job Description	Full time Research work on the Project Scope to enroll as a Ph. D. Scholar in the Department of Mechanical Engineering (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	Rs 31,000 (1 st and 2 nd Year) and Rs 35,000 (3rd Year)
9.	Essential Qualifications and experience	M.Tech in relevant Engineering First division/ First Class throughout the career.
10.	Desirable Qualifications / Exp.	M.Tech in Mechanical Engineering with First division/ First Class throughout the career. Having Knowledge in SOLIDWORKS, ANSYS and MATLAB.
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. Balaji PS**
Address : Assistant Professor, Department of Mechanical Engineering
National Institute of Technology, Rourkela, Odisha 769008
Mobile : +91-7395979565
E-mail : psbalaji@nitrkl.ac.in

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

Eligible candidates may apply within **18.02.2022, 23:59 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to psbalaji@nitrkl.ac.in. The application form is available in the following link: [https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](https://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 (psbalaji@nitrkl.ac.in) **on or before 18.02.2022, 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 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. Balaji PS**, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Mechanical Engineering
- 4) Project file.