



NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769008 (ODISHA)
 SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2022/Advt-22ME020/L/048, dt. 29.09.2022

Applications are invited on prescribed format (on-line) for the following assignment in a purely time bound research project undertaken in the [Department of Mechanical Engineering](#) of the Institute.

1.	Project Code:	SR/22/ME/020
2.	Name of the temporary post & No.:	Project Fellow (01 no.)
3.	Name of the Research Project:	Characterization of Additively Manufactured Maraging Steel 18Ni (300) Built Part: Fabrication and Dynamic Response Analysis of Topologically Optimized Auxetic Prototype Beam Aiming to Alleviate Seismic Protection of Archeological Heritage Constructions of Odisha
4.	Name of the Sponsoring Agency:	Science and Technology Department, Govt. of Odisha
5.	Tenure of the project	03 years
6.	Tenure of the assignment:	3 Years (based on the performance) OR completion of the project, whichever is earlier.
7.	Job description (Give details):	To carry out experiments and research work related to the project on Additive Manufacturing. Candidate may enroll for Ph.D. at NIT Rourkela subject to fulfillment of all the eligibility criteria.
8.	Consolidated monthly fellowship:	i) 1 st Year: Rs. 17, 000/- per month ii) 2 nd Year: Rs. 17, 000/- per month, and if progress is satisfactory, iii) 3 rd Year: 19, 000/- per month
9.	Essential Qualification and Experience:	(a) M. Tech. in Mechanical Engineering/ Production Engineering/ Metallurgy and Materials Science Engineering or any other relevant specialization. (b) B. Tech. should be in Mechanical Engineering/ Production Engineering. (c) Minimum of 60 % marks or 6.5 CGPA at 10 th , 12 th , B. Tech. and M. Tech. level
10.	Desirable Qualification (Higher qualification & other experience):	Knowledge/ expertise/ Publication in the field of Welding/ Additive Manufacturing
11.	Accommodation:	Bachelor accommodation in the hostel may be provided and Campus accommodation may be provided to married students subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address **with updated Curriculum Vitae**:

Name: **Prof. Saurav Datta**
Address: Associate Professor
Department of Mechanical Engineering
National Institute of Technology, Rourkela-769008, Odisha
Telephone No.: 0661 246 2524
Mobile: 9437437576
Email: [sdatta@nitrkl.ac.in/](mailto:sdatta@nitrkl.ac.in) sdattaju@gmail.com

Date and Time for interview: **28th October 2022 at 10:00 AM**

Place of Interview: Department of Mechanical Engineering, NIT Rourkela-769008, Odisha

The candidates are required to send the complete filled up application form (soft copy) to [sdatta@nitrkl.ac.in/](mailto:sdatta@nitrkl.ac.in) sdattaju@gmail.com with the subject: **Project Fellow Position**.

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 the candidates by attaching photocopies of all supporting documents, research papers (if any) etc.

Candidates will build **a single pdf file** and it is to be sent to Principal Investigator ([sdatta@nitrkl.ac.in/](mailto:sdatta@nitrkl.ac.in) sdattaju@gmail.com) **on or before 20th October 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. during interview).

Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of project execution.

Sd/-
Assistant Registrar (SRICCE)

Copy to:

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