



**NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008(ODISHA)
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

Advt. No.: NITR/SR/17/ME/002/2019/L/396

Date: 05.07.2019

Walk-in Interview will be conducted for the temporary post of "**Junior Research Fellow**" for the IMPRINT Project (Project No. 6292) entitled "**Design and Development of Dynamic Mechanical Analyzer**" jointly sanctioned by MHRD (Govt. of India) and DST (Govt. of India) **on 15.07.2019 around 10:00 AM in the Department of Mechanical Engineering, NIT Rourkela-8.**

1.	Name of the Temporary Post	Junior Research Fellow (JRF) - 01
2.	Name of the Research Project	Design and Development of Dynamic Mechanical Analyser.
3.	Name of the Sponsoring Agency	MHRD (Govt. of India) and DST (Govt. of India)
4.	Tenure of the Project	03 Years
5.	Tenure of the Assignment	Extendable annually till completion of project, subject to satisfactory performance and availability of fund release by sponsoring agencies.
6.	Job Description	JRF is required to work in embedded system. S/he needs to develop a GUI system for a Dynamic Mechanical Analyzer (Equipment). S/he needs to design an embedded system in which data collected from a number of sensors (force, displacement, humidity, pressure and temperature) are to be sent to a remote computer connected over LAN
7.	Consolidated monthly compensation / Fellowship	RS. 25,000/- per month
8.	Essential Qualifications and experience	B.Tech/B.E. in Electrical Engineering/Electronics/Electrical& Electronics Engineering/ Computer Science & Engineering with minimum 60% marks or 6.5/10 CGPA OR qualification/experience for JRF will be as per the DST norms
9.	Desirable Qualifications/ Experiences	<ul style="list-style-type: none">• Prior knowledge on embedded system design and implementation, and surface mounted IC fabrication• Prior experience on the development of software (interface) in the similar area.
10.	Accommodation	Bachelors 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 addresses:

Name : Prof. Tarapada Roy
Address : Department of Mechanical Engineering,
National Institute of Technology, Rourkela,
Odisha 769 008
E-mail : tarapada@nitrkl.ac.in

Eligible candidates may appear in a **walk in interview on 15.07.2019 around 10:00 AM** at the **Department of Mechanical Engineering**, National Institute of Technology, Rourkela, Odisha 769 008. The candidates are required to submit the complete filled up form (hard copy) at time of interview. 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 candidates and also required to attach photocopies of all supporting documents. The candidates are also required to bring relevant documents mentioned in the application form [such as original all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.]

Mere possession of essential/desirable qualifications and experience does not guarantee selection for the post. Candidates will be selected on merit and need of the project.

**Sd/-
Asst. Registrar (SRICCE)**

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 advertisement.
3. Head of the Department, Mechanical Engineering.
4. Project file.