



NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008(ODISHA)

SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

Advt. No.: NITR/SR/ME-002/2019/358

Date: 14/02/2019

Applications are invited on prescribed format for the temporary post of "**Senior Research Fellow**" for the IMPRINT Project (Project No. 6292) entitled "**Design and Development of Dynamic Mechanical Analyser**" jointly sanctioned by MHRD (Govt. of India) and SERB (DST, Ministry of Science and Technology, Govt. of India).

Name of the Temporary Post	Senior Research Fellow (SRF) - 02
Name of the Research Project	Design and Development of Dynamic Mechanical Analyser.
Name of the Sponsoring Agency	MHRD (Govt. of India) and SERB (DST, Ministry of Science and Technology, Govt. of India)
Tenure of the Project	03 Years
Tenure of the Assignment	Extendable annually till completion of project, subject to satisfactory performance and availability of fund release by sponsoring agencies.
Job Description	Two SRFs need to have Exposure on design and implementation of automatic control techniques in electro-mechanical systems (relay-based control, control of heat and humidity chambers, control of electro-dynamic system and must have industrial experience to handle the different sensors).
Consolidated monthly compensation / Fellowship	RS. 28,000/- per Month
Essential Qualifications and experience	A Master's degree (M.E./M.Tech.) in Engineering (Electrical/Electronic or allied branch of Engg) with minimum CGPA of 6.5/10.0 (or 60% aggregate) OR qualification/experience for SRF will be as per the DST norms
Desirable Qualifications/ Experiences	Prior knowledge on power electronics, control system, design and implementation in MATLAB –based-Simulink. Candidate must have work experience on the electro-mechanical system and hardware design.
Accommodation	Bachelors Accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Co-Investigator or Principal Investigator at the following addresses:

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

Eligible candidates may appear in a **walk in interview on 25.2.2019 around 10:00 AM** at the **Department of Mechanical Engineering**, National Institute of Technology, Rourkela-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. T. Roy, Investigators with a request to give wide publicity to advertisement.
3. Head of the Department, Mechanical Engineering
4. Project file