



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

SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

ADVT NO: NITR/SR/ME-002/ME-303(II)

Dated:12.06.2018

Applications are invited on prescribed format for the temporary post of "**Junior Research Fellow (JRF)**" 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). The details of the project are as follows. The requirement of JRF post is for Mechanical Engineering Department.

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 SERB (DST, Ministry of Science and Technology, Govt. of India)
4. Tenure of the Project : 02 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 the field of mechanical system modelling, analysis and integration. S/he will also be actively involved in fabrication of proposed DMA and work closely with other project staffs from Electrical and Computer Sc. department.
7. Reporting to : Principal Investigator
8. Consolidated monthly compensation / Fellowship : RS. 25,000/- per month
9. Essential Qualifications and experience : M.Tech/ M.E (after B.Tech/ B.E.) in Mechanical Engineering (Specialization: Machine Design and Analysis) with 60% marks or 6.5/10 CGPA at both B.E./ B.Tech and M.E./M.Tech levels. Candidate must have passed his post-graduation(PG) with a valid GATE score.

10. Desirable Qualifications/
Experiences : Those candidates who have more than 75% throughout their career will be given preference.
Strong knowledge in
(i) FEA with ANSYS
(ii) MATLAB
(iii) Solidworks
11. Accommodation : Bachelors Accommodation in the Institute may be provided subject to availability.

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

Name : Dr. Tarapada Roy (Principal Investigator)
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 **26.06.2018** 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 in triplicate 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.

Asst. Registrar (SRICCE)

Copy to:

- 1) All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
- 2) Dr. Tarapada Roy, with a request to give wide publicity to advertisement.
- 3) Head of the Department, Mechanical Engineering
- 4) Project file