



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

**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION
(SRICCE)**

Advt No.: NITR/SR/ME-002/315(A)

Date: 08/08/2018

Applications are invited on prescribed format for the temporary post of "**Junior Research Fellow (JRF)**" for the topic entitled "Design, Development and Control of Linear and Rotary Electromagnetic Actuator" under the IMPRINT project (Project No. 6292, **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 requirement of JRF post is for Electrical 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) & SERB (DST, Ministry of Science and Technology, 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 for the IMPRINT project (GOI funded) a. Basic knowledge on circuit simulation b. Basic knowledge on micro-controller, FPGA/ DSP based embedded system: Fabrication and programming (machine coding) c. Development and fabrication of surface mounted PCB's
7.	Reporting to	Principal Investigator (PI) & Co-Principal Investigator (Co-PI)
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 Electronics/ Electronics and Electrical/Electrical Engineering with 60% marks or 6.5/10 CGPA at both B.E./ B.Tech and M.E./M.Tech levels.
10.	Accommodation	Bachelor's accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Investigators at the following addresses:

Name	Prof. Tarapada Roy (PI)	Prof. Somnath Maity	Prof. Gopalakrishna Srungavarapu
Department	Mechanical Engineering	Electrical Engineering	
E-mail	tarapada@nitrrkl.ac.in	somnathm@nitrrkl.ac.in	gopal@nitrrkl.ac.in srungavarapug@nitrrkl.ac.in

Eligible persons may apply in the prescribed format ([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)) affixed with colored photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/ mark sheets, publications etc., to **Asst. Registrar, SRICCE, National Institute of Technology, Rourkela-769 008 on or before 20.08.2018**. The cover should be super- scribed clearly with the post applied for & Name of the Project.

Shortlisted candidates will be informed for the date of interview.

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. After selection, the appointment will be due until the release of fund from sponsoring agencies for the financial year 2017 – 18.

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

Copy to:

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