



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

SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

ADVERTISEMENT NO:

Dated:

Applications are invited on prescribed format for the temporary post of "**Senior Research Fellow (SRF)**" 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). Selected candidate may enroll in Ph.D. Programme in the Department of Computer Science and Engineering, National Institute of Technology Rourkela based on institute norms and regulations.

1. Name of the Temporary Post : Senior Research Fellow (SRF) - 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 : 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 : SRF is required to work in embedded system. S/he needs to develop a GUI system for a Mechanical Analyser. S/he needs to design an embedded system in which data collected from a number of sensors is to be sent to a remote computer connected over LAN.
7. Consolidated monthly compensation / Fellowship : RS. 25,000/- per month (for First and Second Years)
RS. 28,000/- per month (for Third Years)
8. Essential Qualifications and experience : M.Tech/ M.E (after B.Tech/ B.E.) in Computer Science and Engineering (CSE)/ Electronics and Communication Engineering (ECE) with 60% marks or 6.5/10 CGPA at both B.E./ B.Tech and M.E./M.Tech levels OR B.Tech/B.E in CSE/ECE with valid GATE score and CGPA above 7.0/10 or marks above 65%.

9. Desirable Qualifications/ Experiences : a. M.Tech in Computer Science and Engineering (CSE)/Electronics and Communication Engineering (ECE) with specialization (expertise) in Embedded system/Robotics.
b. Strong knowledge in Computer Hardware.
c. Exposure in Linux OS and Python programming.
- 10 Accommodation : Bachelors Accommodation in the Institute may be provided subject to availability.

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

Name : Dr. Bidyut Kr. Patra (Co Investigator)
Address : Computer Science and Engineering
National Institute of Technology, Rourkela-769 008
Tel.No. : 9438503632(Mob.)/ +91-661-2462367 (Office)
E-mail : patrabk@nitrrkl.ac.in

Name : Dr. Tarapada Roy (Principal Investigator)
Address : Department of Mechanical Engineering
National Institute of Technology, Rourkela-769 008
E-mail : tarapada@nitrrkl.ac.in

Eligible candidates may appear in a walk in interview on **06.10.2017** around **10:00 AM** at the Department of Computer Science and 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://nitrrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrrkl.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.

Asst. Registrar (SRICCE)

Copy to:

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