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

Advt. No.: NITR/SR/19/EC/063/2020/453 (Modified/Extn.)   Date: 26.06.2020

Applications are invited on prescribed format for the post of **Junior Research Fellow** in a purely time bounded research project undertaken in the **Department of Electronics & Communication Engineering, NIT Rourkela**.

1.	Name of the Temporary Post:	Junior Research Fellow (JRF) - 01
2.	Name of the Research Project:	Development of Contactless Vital Sign Monitoring System using PPG based on Smartphone Camera
3.	Name of the Sponsoring Agency:	Science and Engineering Research Board (SERB), DST, Govt. of India
4.	Tenure of the Project:	02 Years
5.	Tenure of the Assignment:	18 months or till the end of project
6.	Job Description:	Research work related to the project and related documentation. (The project student may be allowed to enrol in Ph.D./M.Tech (Research) program as per the institute's norms)
7.	Consolidated monthly Salary/ Fellowship:	Rs. 31,000/- per month
8.	Essential Qualifications and experience:	First class in B.E. or B.Tech. in Electronics and Communication Engineering or relevant discipline followed by M. Tech. or M.E. in Electronics / Electrical / Electronics & Communication/ Electronics & Telecommunication/ Electronics & Instrumentation/ Applied Electronics & Instrumentation/ Electrical and Electronics Engineering or in any other relevant specialization with aggregate marks of **60% or 6.5 CGPA** **OR** B.E. or B. Tech in Electronics and Communication Engineering or relevant discipline with valid **GATE score** and **7.0 CGPA**
9.	Desirable Qualifications/ Experiences :	Knowledge of the following courses: Digital Signal and Image Processing, Linear Algebra, etc. Experience on one or more of the following software tools: MATLAB, Python, etc.
10.	Accommodation:	Bachelor accommodation in the Institute may be provided and campus accommodation may be provided to married students subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name   : **Prof. Hemant Sharma, Assistant Professor**
Address   : Department of Electronics and Communication Engineering,
              National Institute of Technology Rourkela, Odisha 769 008.
Mobile   : 94627 40103, 63758 24874
E-mail   : sharmah@nitrkl.ac.in, hemantnitt@gmail.com

Eligible candidates may apply for interview **(Walk-in / Online) on 28.07.2020 at 11:00 AM.** The candidates are required to send the **complete filled in application form (soft copy)** along with photo copies of relevant certificates, grade/ mark sheets, publications etc. to **hemantnitt@gmail.com** on or before **15.07.2020**. The application form is available in the following link: **https://nitrkl.ac.in/OldWebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf**.

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 (SR)

Copy to:

1) All Heads of the Departments, NIT Rourkela for publication on Departmental Notice Boards.
2) Prof. Hemant Sharma, PI with a request to give wide publicity to advertisement.
3) Institute website.
4) Head of the Department, Electronics and Communication Engineering.
5) Project file.