



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

Advt. No.: NITR/SR/19/EC-063/2020/WI/L/441

Date: 22.01.2020

Walk-in Interview will be conducted for following assignment in a time bound research project (**SR/19/EC/063**) in the **Department of Electronics and Communication Engineering, NIT Rourkela on 5th February, 2020 at 11:00 A.M.**

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| 1. | Name of the Temporary Post: | Junior Research Fellow (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: | Up to 01 Year 10 months or till the end of project |
| 6. | Job Description: | Research work related to aforementioned project and related documentation. Research publications and whatever necessary to execute the project successfully. |
| 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. | Selection Process | Written test/Personal interview |
| 11. | 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
E-mail : sharmah@nitrkl.ac.in

Date and Time for walk-in Interview: **5th February, 2020 at 11:00 AM.**

Place of Interview: **Department of Electronics & Communication Engineering, NIT Rourkela**

Eligible persons should bring all the **original certificates and mark sheets, filled application form in the prescribed format (available in the Institute Website) affixed with colored photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/ mark sheets, publications etc. at the time of interview. The prescribed application form can be downloaded at:** [https://nitrkl.ac.in/OldWebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](https://nitrkl.ac.in/OldWebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf)

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

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) Head of the Department, Electronics and Communication Engineering.
- 4) Project file.