



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

Advt. No.: NITR/SR/19/CH-009/2019/L/382

Date: 04.06.2019

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the **Department of Chemical Engineering** of the Institute.

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|-----|--|---|
| 1.  | Name of the Temporary Post                     | Senior Research Fellow (SRF) No. of positions -01   |
| 2.  | Name of the Research Project                   | “Design and Development of Smart Wearable Device for Onsite Monitoring Health, Physical Activity and Fatigue Level”   |
| 3.  | Name of the Sponsoring Agency                  | SERB-ECR  |
| 4.  | Tenure of the Project                          | 03 years  |
| 5.  | Tenure of the Assignment                       | 03 years (based on the performance) OR completion of the project, whichever is earlier.   |
| 6.  | Job Description                                | To carry out research work related to the project and to continue Ph.D. at NIT Rourkela on the topic of this project work.  |
| 7.  | Consolidated monthly compensation / Fellowship | Rs. 31,000/- P.M. for first two years (JRF) and Rs. 35,000/- P.M. for last years (SRF) (It will be followed as per Govt. rules.)  |
| 8.  | Essential Qualifications and experience        | A Master's degree (M.E./M.Tech.) in Engineering (Nanotechnology/ Chemical/ Mechanical/ Electronics/ Material Science/ Biotechnology or allied branch of Engg) with minimum CGPA of 6.5/10.0 (or 60% aggregate) OR a Bachelor's degree (B.E./B.Tech.) in Engineering (Chemical/ Mechanical/ Electronics/ Material Science/ Biotechnology or allied branch of Engg) with a Minimum CGPA of 8.0/10.0 (or 75% aggregate) OR Master's degree (M.Sc.) in Science (from above mentioned branches) with minimum CGPA of 6.5/10.0 (or 60% aggregate). Essential qualification/experience will be as per the DST norms. |
| 9.  | Desirable Qualifications/ Experiences          | Prior research experience or knowledge in synthesis of nanomaterials and materials characterization is preferred but not mandatory. Hand-on experience on handling SEM, TEM, XRD, FTIR etc. would be an added advantage.  |
| 10. | Accommodation                                  | Bachelor accommodation in the hostel will be provided and Campus accommodation may be provided to married students subject to availability. ( <b>campus stay is compulsory</b> )  |

For technical information on the project, the candidate may contact the Principal Investigator at the following address **with an updated Curriculum Vitae**:

Name : **Prof. Biswajit Saha**  
Address : Department of Chemical Engineering  
National Institute of Technology, Rourkela, Odisha 769 008.

Telephone No : 0661-2462252 (O), Mob: 9337506416  
E-mail : [sahab@nitrkl.ac.in](mailto:sahab@nitrkl.ac.in), [biswa.iitkgp@gmail.com](mailto:biswa.iitkgp@gmail.com)

Eligible candidates may apply in the prescribed format (available in the Institute Website) affixed with coloured 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 28.06.2019**. The cover should be super- scribed clearly the post applied for & Name of the Project with code.

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.

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

Copy to:

- 1) All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
- 2) Prof. Biswajit Saha, PI with a request to give wide publicity to advertisement.
- 3) Head of the Department, CH.
- 4) Project file.