



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

Advt No: NITR/SR/CR-020/337

Date: 24.11.2018

Walk-in Interview will be conducted for following assignment in a time bound research project undertaken in the Department of Ceramic Engineering (CR) of the Institute on **21st December, 2018, Time 9.00 A.M.**

1.	Name of the Temporary Post:	Junior Research Fellow – 01
2.	Name of the Research Project:	Nanostructured silicon-carbon hybrid anodes with high rate capability and cyclic stability for lithium ion batteries
3.	Name of the Sponsoring Agency:	SERB,DST
4.	Tenure of the Project:	3 years
5.	Tenure of the Assignment:	3 years
6.	Job Description:	Fabrication, physical and electrochemical characterization of novel Si based hybrid nanostructures.
7.	Consolidated monthly compensation / Fellowship:	Rs.25,000/- per month (1 st and 2 nd year) Rs. 28,000/- per month (3 rd year)
8.	Essential Qualifications and experience:	B. E. /B. Tech/M. E./M. Tech in any branch of engineering or M. Sc. in any science discipline
9.	Desirable Qualifications / Experiences :	B. E./B. Tech/M. E./M. Tech in Ceramic, Metallurgy, Chemical, Mechanical Engineering OR M. Sc. in Physics, Chemistry, Materials Science, Nanotechnology Experience in laboratory practice in materials synthesis and characterization is preferred.
10.	Accommodation:	Accommodation in the Institute may be provided subject to availability.

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

Name : Prof. Shantanu Kumar Behera
Address : Department of Ceramic Engineering, National Institute of
Technology Rourkela, Odisha 769 008.
Telephone No : +91-661-246-2214
E-mail : beherash@nitrkl.ac.in

Date and Time for walk-in Interview: **21st December, 2018 at 9.00 A.M.**
Place of Interview: **Department of Ceramic 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 walk-in-interview.

Sd/-
Asst. Registrar (SRICCE)

Copy to:

1. All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
2. Prof. S K Behera, Principal Investigator with a request to give wide publicity to advertisement.
3. Head of the Department, CR.
4. Project file.