



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

Advt. No.: NITR/SR/CR/004 /2019/WI/L/393

Date: 02.07.2019

**Walk-in Interview** will be conducted for following assignment in a time bound research project(SR/19/CR/004) in the Dept. of **Ceramic Engineering**, NIT Rourkela on **16.07.19 and Time 10:30 A.M.**

1	Name of the temporary post & No.	Junior Research Fellow (Two)
2	Name of the Research Project	Tough Biomimetic Composite Inspired by Abalone Nacre Architecture for Lightweight Multilayered Armour Applications
3	Name of the Sponsoring Agency	IMPRINT-II
4	Tenure of the project and amount sanctioned for the post	3 Years/ 22.46 Lakh
5	Tenure of the assignment	3 Years
6	Job description (Give Details)	Fabrication, physico-chemical characterization and property evaluation of bioinspired composite materials
7	Consolidated monthly fellowship	25,000 pm for 1 <sup>st</sup> 2 years, 28000 pm for 3 <sup>rd</sup> year. (Likely to be increased to 31,000 and 35,000 after approval from IMPRINT-II)
8	Essential qualification and experience	BE/B Tech (Ceramic/ Metallurgy/Chemical/ Mechanical Engg) with valid GATE score Or M.Sc. (Physics/ Materials Science/ Nanotechnology/ Chemistry) with valid GATE score Or M Tech (Ceramic/ Metallurgy/ Materials/ Chemical/ Nanotechnology/ Mechanical).
9	Desirable qualification / Experience	Experience in laboratory practice in materials synthesis and characterization is preferred
10	Trade test	Not required
11	Project code	SR/19/CR/004
12	Last date of receipt of application	<b>Walk-in-interview on 16.07.19, 10.30 AM</b>
13	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. Arindam Paul,**  
Address : **Department of Ceramic Engineering,**  
National Institute of Technology, Rourkela, Odisha 769 008.  
Telephone No : +91-661-246-2215 (Office)  
E-mail : [paula@nitrkl.ac.in](mailto:paula@nitrkl.ac.in)

Date and Time for walk-in Interview: **16.07.2019 at 10:30 AM.**

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 interview.

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

Copy to:

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