



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

Advt.No.NITR/SR/PH-026/2017/L/243

Date: 14.09.2017

Applications are invited on prescribe format for the following assignment in a purely time bound research project undertaken in the Department of Physics and Astronomy of the Institute.

1. Name of the Temporary Post : Junior Research Fellow-01
2. Name of the Research Project : Probing of Lanthanide doped Nano-materials (LnF<sub>3</sub>, NaLnF<sub>4</sub>: Ln =Y, Gd) as spectral convertor for next generation highly efficient photovoltaic applications.
3. Name of the Sponsoring Agency : SERB, DST New Delhi.
4. Tenure of the Project : 03 years  
Tenure of the Assignment : 03 years / Till end of the project (with satisfactory performance)
6. Job Description : Research work (Experimental & Analytical) for the project with scope of Ph.D registration as per the Institute Rules.
7. Consolidated monthly compensation / Fellowship : ₹25000/- + HRA for 1<sup>st</sup> & 2<sup>nd</sup> year; and if progress satisfactory, ₹28000/- + HRA for 3<sup>rd</sup> year for valid NET/GATE Score.
8. Essential Qualifications and experience : MSc. in Physics with 65% marks or 7 CGPA or above.
9. Desirable Qualifications / Exp. : GATE / NET Qualified
10. Accommodation : Bachelor 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 : Dr. Suryanarayan Dash  
Address : Department of Physics and Astronomy  
National Institute of Technology Rourkela,  
Rourkela, Odisha-769008  
Telephone No : 0661-2462733 (Office), 9438741397 (M)  
E-mail : dashsurya@nitrkl.ac.in, dsuryanarayan@gmail.com

Eligible persons may apply in the prescribed format available in the site ([http://nitrkl.ac.in/Jobs\\_Tenders/5ProjectFellowships/Default.aspx](http://nitrkl.ac.in/Jobs_Tenders/5ProjectFellowships/Default.aspx)) 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, Rourkela-769 008 on or before 09.10.2017**. The cover should be super- scribed clearly the post applied for & Name of the Project. Shortlisted candidates will be informed for the date of interview.

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.

**Asst. Registrar (SRICCE)**

Copy to:

- 1) All Heads of the Departments, NIT, Rourkela for publication on departmental notice boards.
- 2) Prof. Suryanarayan Dash, Principal Investigator with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Physics and Astronomy (PH)
- 4) Project file.