



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

Adv. No: NITR/SR/PH-026/2017/L/243(extn)

Dated: 11/10/2017

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.  
OR  
₹16000/- + HRA for 1<sup>st</sup> & 2<sup>nd</sup> year; and if progress satisfactory, ₹18000/- + HRA for 3<sup>rd</sup> year for others.
8. Essential Qualifications and experience : MSc. in Physics with 65% marks or 7 CGPA or above.
9. Desirable Qualifications / Exp. : NET/GATE/JEST qualification will be preferred.
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/OldWebsite/Jobs\\_Tenders/5ProjectFellowships/Default.aspx](http://nitrkl.ac.in/OldWebsite/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 10.11.2017**. 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.(Candidates those have already applied earlier w.r.t.our adv.No. NITR/SR/PH-026/2017/L/243 Date: 14.09.2017 need not apply again.)

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.