



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

ADVERTISEMENT NO: NITR/SR/SR/17/CY/009/2017/282

Dated: 02.04.2018

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Chemistry of the Institute. Selected candidate may enroll in Ph.D. Programme in the Department of Chemistry, National Institute of Technology Rourkela based on institute norms and regulations

1. Name of the Temporary Post : Junior Research Fellow (JRF)
2. Name of the Research Project : “Metal free deep blue emitting fluorophores for organic light emitting diodes: approaching NTSC standard”
3. Name of the Sponsoring Agency : SERB, Department of Science and Technology (DST)
4. Tenure of the Project : 03 Years
5. Tenure of the Assignment : 02 Years 6 months
6. Job Description : To carry out research in the field of Organic electronics, Organic Synthesis & photophysical characterization, Fabrication and Characterization of Organic light emitting diodes (OLEDs)
7. Consolidated monthly compensation / Fellowship : Rs. 25,000/- (1<sup>st</sup> & 2<sup>nd</sup> year) and Rs.28, 000/- (3<sup>rd</sup> year) ((for Non-GATE/NET/NET-Lectureship) based on the performance of the research work the fellowship will be converted in to Institute fellowship as per Institute rule after the project fellowship. or Rs. 16,000/- per month (for First and Second Years) Rs. 18,000/-per month (for Third Years) (for Non-GATE/NET/NET-Lectureship)
8. Essential Qualifications and experience : M.Sc., in Chemistry/(specialization: Inorganic/Organic chemistry) with aggregate marks of 65% or 7.00 CGPA.
9. Desirable Qualifications/ Experiences : Valid GATE score/NET/NET-Lectureship and having experience in Organic/Organometallic synthesis, Luminescence, OLED Fabrication.
10. Accommodation : Bachelor accommodation in the Institute may be provided subject to availability.

(P.T.O)

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

Name : DR. Vaidyanathan Sivakumar  
Address : Department of Chemistry  
N.I.T., Rourkela-769 008  
Telephone No : 0661-2462654 (O), 9438503635 (Mob.)  
E-mail : vsiva@nitrkl.ac.in

Eligible persons 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 23.04.2018**. The cover should be super- scribed clearly the post applied for & Name of the Project.

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) Dr.Vaidyanathan Sivakumar, Principal Investigator with a request to give wide publicity to advertisement.  
3) Head of the Department, CY  
4) Project file.