

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
DEPARTMENT OF CHEMISTRY**

Dated: 17.05.2017

**ADVERTISEMENT TO FILL UP PROJECT POSITIONS\***


Applications are invited from Indian nationals only for project position(s) as per the details given below for the research project(s) under the Principal Investigator **Dr. Tapas Kumar Mandal**, Department of Chemistry, Indian Institute of Technology Roorkee.

1. Title of project: **Layered and hybrid perovskites for sunlight-driven photocatalytic water splitting and decontamination**
2. Sponsor of the project: **SERB, New Delhi**
3. Project position(s) and number: **Junior Research Fellow (JRF), One position**
4. Qualifications: **M.Sc. in Chemistry/Applied Chemistry or equivalent with valid GATE/CSIR-UGC-NET score and consistently good academic record. Preference shall be given to candidates with prior knowledge of project related field.**
5. Emoluments: **Rs.25,000.00 p.m.**
1. Duration: **For one year from the date of joining and extendable on yearly basis upon satisfactory performance till the expiry of the project (March, 2020).**
2. Job description: **The JRF will be working in the field of layered and hybrid perovskites. The work will involve design and selection of chemical compositions of layered perovskites, their synthesis and characterization by various analytical techniques. Further, the materials will be tested for the photocatalytic water splitting and decontamination. The JRF's research will also lead towards getting his/her PhD degree in the above-mentioned field.**
3. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
4. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
  - Experience including research, industrial field and others.
  - Self-attested copies of degree/certificate and experience certificate.
5. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
6. Preference will be given to SC/ST candidates on equal qualifications and experience.
7. Please note that no TA/DA is admissible for attending the interview.


The interview will be held at **3.00 PM** on **08.06.2017** at the **Office of the HOD, Department of Chemistry.**

Tel: 01332-285864 Fax: 01332-286202

Email: [tapasfcy@iitr.ac.in](mailto:tapasfcy@iitr.ac.in), [tapasfcy@gmail.com](mailto:tapasfcy@gmail.com)

  
(Dr. Tapas Kumar Mandal, PI) 17/05/17  
Name and signature  
of Principal Investigator

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

*Approved*  
  
**कुलशासक (सि.रि.क)/Dean (SRIC)**  
17.5.17