

8/5/19
Dated 08/5/19

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Polymer & Process Engineering)

Dated: 08/05/2019

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for a project position as per the details given below for the research project under the Principal investigator **Dr. Abhijit Maiti**, Dept. of Polymer & Process Engineering, Indian Institute of Technology, Roorkee, Roorkee Campus, Roorkee-247667.

1. Title of project: **Arsenic and other contaminants free drinking water production of ~20,000 L/day in the arsenic affected area of India using laterite and ferromanganese slag based technology**

2. Sponsor of the project: SERB (Through IMPRINT-2A scheme)

3. Project position(s) and number: JRF (one)

4. Qualifications & Experience: **M.Tech in Chemical Engineering/ Chemical Technology/ Production/ Mechanical/civil /Industrial/Environmental/Nano-Technology or Mining Engineering. Knowledge in reaction engineering, water quality measurement and modeling and simulation of chemical process is preferable. B.Tech in Chemical Engineering/Technology will be given preference.**

5. Emoluments: **Rs./ 31000 per month (1st and 2nd Year) and 35000 pm (3rd Year)**

6. Duration: **3 Years (up to duration of the project)**

7. Job description: **Preparation of environmental catalyst in pilot scale through chemical reaction and process optimization based on performance (laboratory process has been developed and applied for patent) and application of these materials through best designed community based filtration system to produce drinking water from arsenic contaminated groundwater. Frequent travels are needed to the fields, mostly located west Bengal. JRF will be responsible for research work, report preparation, publication, and patent application if found suitable. JRF will be encouraged to join Institute PhD program through this project. The candidate will complete M.Tech within June, 2019 also can apply for this post.**

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.

2. 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.

3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.

4. Preference will be given to SC/ST candidates on equal qualifications and experience.

5. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to office of Principal Investigator is 23rd May, 2019 by 5 PM. (or application can be submitted during *walk in interview*)

The interview will be held at old Hobbies club, IIT Roorkee, Roorkee Campus, on 24th may, 2019 at 3 pm

Tel: 08859773305

Abhijit Maiti 8/5/19
Name and signature
of Principal Investigator
(Dr. Abhijit Maiti)

Email: mabhi.fpt@iitr.ac.in and abhijit14675@gmail.com

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

Approved as modified

Pruman

कुलशासक (सिदिक)/Dean (SRIC)