

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
(Department of Chemical Engineering)

Dated: 14/11/2022

**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 consultancy/research project(s) under the Principal Investigator (Name: Dr Shabina Khanam), Dept.-Chemical Engineering, Indian Institute of Technology Roorkee.

1. Title of project: Optimization of the performance of rotary kiln to maximize %metallization including use of natural gas/syngas as reductant
  2. Sponsor of the project: Bureau of Energy Efficiency, Govt. of India, New Delhi
  3. Project position(s) and number: JRF, ONE
  4. Qualifications: B.Tech /M.Tech/M.E. in Chemical/Mechanical Engineering with GATE
  5. Emoluments: Rs 31,000/month for first two years and Rs 35000/month for third year
  6. Duration: 36 Months (3 years)
  7. Job description: Collection of data from sponge iron plant site and perform extensive simulation of rotary kiln using CFD-DEM software
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.
    - 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.

**Note: The selected candidate may get an opportunity for PhD admission.**

The interview (Walk-in) will be held at **11:00 am on 05.12.2022 (Monday)** at **Committee Room, Chemical Engineering Department, IIT Roorkee.**

**Tel:** 01332-285157 (O), 9634783822  
**Email:** shabina.khanam@ch.iitr.ac.in

*Shabina Khanam*  
14.11.22  
Name and signature of Principal Investigator  
(Shabina Khanam)

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

**APPROVED**  
*Abhishek*  
15/11/22  
डीन (सिक)/(Dean SRIC)  
भौ. प्रौ. सं. रुड़की/IIT Roorkee  
15/11/2022