



Department of Mechanical Engineering

Indian Institute of Technology Indore

Khandwa Road, Simrol

Indore 453 552

Sept 7, 2021

Advertisement for JRF Position in DST Project

Applications are invited from high caliber, enthusiastic and research-oriented students for the position of Junior Research Fellow (JRF) in a DST funded research project titled “**Graphene quantum dots for hydrogen storage**”.

Essential Qualification: (i) BE/BTech Degree in Mechanical/Production Engineering. (ii) MTech/ME Degree in Mechanical Engineering or Solid Mechanics or Applied Mechanics or Design or Nanotechnology or Nanoscience AND GATE qualification

Desirables: Candidate having exposure to molecular and first principle modeling of solid nanomaterials as well as simulation works on boron- and carbon-based nanostructures are encouraged to apply.

Monthly Stipend: Rs. 31,000 per month. HRA as per rules.

Duration: Initial appointment for one year and extendable based on availability of funding. **Sincere and interested candidates will be encouraged to enroll for the PhD program at IIT Indore.**

How to apply and other details:

1. Interested candidates are requested to submit one page write-up and a detailed CV to Dr. S.I. Kundalwal (kundalwal@iiti.ac.in), via email only with the subject line as “**Application for JRF position in DST project**”. There is no deadline for the application and this recruitment advertisement will remain active until the position is filled.
2. In one page write-up, the candidate may write about his/her past research work, any relevant research project done by the candidate, his/her idea for future research or views on the above project based on the literature search etc.
3. CV should include complete information such as academic grades/percentage starting from Xth standard onwards with the details of year of passing, university or college, **GATE score** with year, discipline, marks, All India Rank, number of candidates appeared, contact details and a valid email id. **Kindly mention the work experience in detail of related field.** Incomplete applications will be rejected.
4. Only shortlisted candidates will be intimated by email for an online interview. No communication with regards to selection process would be entertained.
5. Applicants are encouraged to visit ATOM Lab website for more details (<http://www.sikundalwal.com/>).
6. In case of any query related to above project, kindly email to Dr. Kundalwal.