



Department of Mechanical Engineering

Indian Institute of Technology Indore

Khandwa Road, Simrol

Indore 453 552

April 06, 2022

Advertisement for JRF/SRF 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 for JRF: (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.

Essential Qualification for SRF: (i) MTech/ME Degree in Mechanical Engineering or Solid Mechanics or Applied Mechanics or Design or Nanotechnology or Nanoscience AND GATE qualification. (ii) Two years research experience after MTech/ME.

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 for JRF & Rs. 35,000 per month for SRF. HRA as per rules.

Duration: Initial appointment for six months and extendable based on availability of funding.

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.