



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Date: 13/04/2021

Advertisement for JRF Position in SERB-DST Funded Project

Applications are invited from motivated and eligible candidates for a JRF position in the SERB-DST research project “*Multiscale modelling of noncarbon nanomaterials and their reinforced polymer composite materials and structures*”

Brief description of the project: Objective of the project is investigating nonlinear mechanics of the noncarbon nanomaterials using multiscale modelling, atomistic simulation and finite element method. The mechanics of noncarbon nanomaterials reinforced composite materials is also a part of the project.

Eligibility: M.E/M.Tech. or equivalent degree in **Design Engineering/Applied Mechanics/Mechanical Engineering** (with at least 60% marks or first class or equivalent). Candidates should have sound knowledge of strength of materials, mechanical vibrations and machine design. **A GATE qualification is mandatory but valid GATE is not required.**

Duration: The initial appointment will be till March 26, 2022 and *extendable up to 6 more months depending upon the final decision of the funding agency*; and **thereafter** successful candidate can also be considered for admission to the Ph.D. program under institute fellowship **in continuation to same research area** depending on their performance and eligibility criteria given by the Department of Mechanical Engineering, IIT Indore.

Stipend: Rs 31,000/- per month.

How to Apply:

- Interested candidates are requested to submit a detailed CV to Dr. Sandeep Singh, Department of Mechanical Engineering, IIT Indore, via e-mail: sandeeps@iiti.ac.in with the subject line “**Application for JRF position**” latest by May 20, 2021.
- The candidates should send their CV, copy of M.E/M.Tech. transcript and copy of GATE score card.
- The CV should include details of academic grades starting from 10th standard onwards with details of the year of passing, institute/university/college, etc., and also work experience and nature of work if applicable.
- Incomplete applications will be rejected.

Selection process (online interview): Only shortlisted candidates will be called for an interview. Selected candidates will be intimated by email for an interview. Only shortlisted candidates will be intimated by email for an interview. No TA/DA will be paid for appearing in the interview.