



भारतीय प्रौद्योगिकी संस्थान
इंदौर

खंडवा रोड, इंदौर 453 552

Indian Institute of Technology Indore

Khandwa Road, Simrol
Indore 453 552

Office: +91 731 660 3209

Fax : +91 731 2438 721

IIT Indore

January 26, 2022

**Advertisement for JRF Position in the
Department of Mechanical Engineering**

Applications are invited from high caliber, enthusiastic and research-oriented students for the position of Junior Research Fellow (JRF) in the SERB sponsored research project titled “Electric Motor's Thermal Management System for Electric Vehicles using Synthetic Jet Impingement.”

Essential Qualification: First Class B.E./B.Tech./M.E./M.Tech in Mechanical Engineering or related branch. Candidate must have qualified GATE in Relevant area.

Desirables: The candidate should have good knowledge of heat transfer and fluid mechanics. Candidates having exposure to use of optical techniques for fluid dynamic processes, and image processing techniques (e.g. flow visualization, PIV, thermal imaging) are encouraged to apply.

Monthly Stipend: Rs. 31,000 per month. HRA as per rules (if accommodation inside the institute is not provided)

Duration: Initial appointment is for one year, which is extendable up to 3 years solely based on the performance.

How to Apply:

1. Interested candidates are requested to submit statement of purpose (SOP) a detailed CV to **Dr. Harekrishna Yadav (krishnpme@iiti.ac.in)**, via email only with the subject line as “Application for JRF position in SERB-sponsored project”. The last date of submission of the application is **February 28, 2022**.
2. In the SOP, 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. The 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.
5. In case of any query related to above project, kindly email to Dr. Harekrishna Yadav.