

Advertisement for the post of Junior Research Fellowship (JRF)
in
Madhya Pradesh Council of Science and Technology, Sponsored Research Project
“Design and Development of Large-Sized Aluminum Foam
Sandwich Composites for Enhanced Impact Resistance in Transport Industries”

PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur, an Institute of National Importance, established by an act of Parliament under Ministry of Education, Government of India invites applications from well qualified and strongly motivated candidates for the position of Junior Research Fellow (JRF) in the research project titled **“Design and Development of Large-Sized Aluminum Foam Sandwich Composites for Enhanced Impact Resistance in Transport Industries”** funded by Madhya Pradesh Council of Science and Technology (Deptt. of Science & Technology, Govt. of M.P.), under the supervision of Dr. Rabindra Prasad, Principal Investigator, and Dr. Avinash Ravi Raja, Co-Principal Investigator, Mechanical Engineering Discipline, PDPM IITDM Jabalpur. The details are given below:

Name and number of posts

- Junior Research Fellow (JRF): 01 (One only)

Essential Qualifications

- BE/BTech/ME/MTech from a recognized institute/university. Preference will be given to candidates having a strong academic background and relevant industry or research experience.
- **Desirables:** ME/MTech candidates with a valid GATE qualification (preferably obtained in the recent past) are encouraged to apply. Preference will be given to candidates with knowledge in composites, metal foams, friction stir welding, and material characterization. Familiarity with CAD tools, SEM analysis, mechanical testing techniques (e.g., compression, bending, impact), programming languages (such as Python or FORTRAN), and finite element software (FE) will be considered an added advantage.

Age limit: Preferably below 30 years as on the date of written test and/or interview.

Fellowship:

- For JRF: Rs. 20,000/-* per month as per the norms.

General Terms and Conditions:

1. Only Indian nationals are eligible to appear for the written test and/or interview.
2. The position is purely temporary and renewable each year subject to satisfactory performance for a maximum of two years or till the completion of project whichever is earlier.
3. Only shortlisted candidates will be communicated *via* e-mail to appear in the written test and/or interview and no other communication in this regard will be entertained.
4. The selection process for non-GATE candidates includes a written test and interview, whereas GATE-qualified candidates will directly appear for the interview.
5. No TA/DA will be paid for attending the written test and/or interview.

Selection Procedure: JRF will be selected by conducting written test followed by Interview. However, written test is relaxed for the candidates with ME/MTech or GATE/NET or similar national level exam qualified candidates.

How to Apply: A Google form (<https://rb.gy/op2c2a>) should be filled in all aspects with the relevant academic and professional details.

Submission Deadline for Application Form: May 30, 2025 (Friday)

Tentative Date of Written Test/Interview: June 09, 2025 (Monday)

Investigator/s:

Dr. Rabindra Prasad

Dr. Avinash Ravi Raja

Assistant Professor, Mechanical Engineering

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