

**Advertisement for the post of Junior Research Fellowship (JRF)**  
**in**  
**Department of Science and Technology – Russian Science Foundation (DST-RSF) Sponsored**  
**Research Project**  
**“Development of Low Weight Nanostructured Functionally Graded Materials for High Strength**  
**Applications by Hybrid Asymmetric Rolling and Incremental Forming Methods”**

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 **“Development of Low Weight Nanostructured Functionally Graded Materials for High Strength Applications by Hybrid Asymmetric Rolling and Incremental Forming Methods”** funded by Department of Science and Technology (International Cooperation Division), Ministry of Science and Technology, Government of India, under the supervision of Prof. Puneet Tandon, 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**

- ME/MTech in Mechanical Engineering/Production & Industrial Engineering/Applied Mechanics/Material Science/Metallurgy or similar disciplines with area of interest/specialization in the relevant field (Manufacturing, Metal Forming, Metallurgy, or Mechanics of Solids). Candidates having good academic and research backgrounds will be given preference.

**Desirables:** ME/MTech candidates preferably with GATE qualification (any time in the recent past). Candidates having knowledge of Material Science, Mechanics of Solids, Programming Language (Python/FORTRAN), Finite Element Method, etc. will be preferred.

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

**Fellowship:**

- For JRF: Rs. 31,000/- per month + HRA as per the norms (To be revised on receipt of grants from DST).

**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 three years or till the completion of project whichever is earlier.
3. Only shortlisted candidates will be communicated to appear in the written test and/or interview and no other communication in this regard will be entertained.
4. Original documents of age proof/certificates/degrees/mark sheets must be presented at the time of written test and/or interview.
5. The candidates have to attend the selection process in person.
6. 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 GATE/NET or similar national level exam qualified candidates.

**How to Apply:** A Google form (<https://forms.gle/SwMqL5YwsrvtVEVW7>) should be filled in all aspects with the relevant academic and professional details.

**Submission Deadline for Application Form:** July 01, 2024 (Monday)

**Tentative Date of Written Test/Interview:** July 08, 2024 (Monday)

**Principal Investigator:**

Prof. Puneet Tandon

Professor, Mechanical Engineering

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