

**Advertisement for the post of Junior Research Fellow (JRF) and Research Associate (RA) in DST
Sponsored Research Project on**

“Development of Induction-Conduction Based Material Deposition System for Metal Additive Manufacturing”

Applications are invited for the posts of Junior Research Fellow (JRF) and Research Associate (RA) in the research project titled “**Development of Induction-Conduction Based Material Deposition System for Metal Additive Manufacturing**” funded by Department of Science and Technology, Ministry of Science & Technology, Government of India, under the supervision of Dr. Prashant Kumar Jain, Principal Investigator, Mechanical Engineering Discipline, PDPM IITDM Jabalpur. The details are given below:

Name of available posts and positions

- Junior Research Fellowship (JRF) and Research Associate (RA): One vacancy for each post is available.

Essential Qualifications

- For JRF: ME/M.Tech in Mechanical/Electronics Engineering with specialization in relevant field (preferably CAD/CAM, Manufacturing, Design, Electronics Circuits). Candidate must have cleared GATE (any time in the past). Candidates having good academic and research background will be given preference.
- For RA: Same as JRF. In addition, Ph.D or equivalent degree or having 3 years of research, teaching and design and development experience after ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal.

The Research Associate Scale may be decided by the Institute/ Organization based on the experience of the candidate.

Desirables: Candidate having knowledge of Additive manufacturing, Computer Aided Design & Manufacturing, Material Science, Metallurgy, Design etc. will be preferred.

Age limit for JRF: Preferably below 30 years as on October 2018.

Age limit for RA: Preferably below 35 years as on October 2018.

Fellowship:

- For JRF: (₹25,000/-) per month
- For RA : (₹36,000/-) per month.

General Terms and Conditions:

1. Only Indian nationals are eligible to appear for this selection process.
2. The position is purely temporary and renewable each year subject to satisfactory performance till the completion of project.
3. Only shortlisted candidates will be communicated to appear in the written test and interview. 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 interview.
5. No TA/DA will be paid for attending the interview.
6. In case, suitable candidate is not found for the post of RA, candidates may be offered position of JRF.
7. Candidate selected for these positions can also apply for the regular/part-time Ph.D. program in the Institute provided satisfying the eligibility criteria for the Ph.D. program.

Selection Procedure: Written Test and/or Interview.

How to Apply: Candidate needs to apply online by filling GOOGLE FORM available at institute website.

Last date of Submission: Monday, October 15, 2018.

Principal Investigator:-

Dr. Prashant Kumar Jain

Associate Professor, Mechanical Engineering

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