

**Advertisement for the post of Junior Research Fellowship (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 Fellowship (JRF) and / or 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 (through Walk in Interview)**

- Junior Research Fellowship (JRF) and Research Associate (RA): One vacancy for each post is available.
- However, the Institute reserve the right to fill either post or not at all fill any of the posts, depending on the suitability of candidates.

**Essential Qualifications**

- For JRF: ME/M.Tech in Mechanical Engineering with specialization in relevant field (preferably CAD/CAM, Manufacturing, Design). 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/or design and development experience after ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal. Candidates under Dual Degree programs should have spent at least 5 years (2+3 years) since the time of admission into the program.

**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 March 2019.

**Age limit for RA:** Preferably below 35 years as on March 2019.

**Fellowship:** (Likely to be revised)

- 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 the project.
3. Walk-in-interview is scheduled on Tuesday, April 02, 2019 at 9:30 am in the Institute Placement Cell. 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 should appear on the scheduled Date and Time at the Placement Cell Conference Hall of the Institute with all relevant documents. However, CV can be sent in advance through E-mail at [pkjain@iitdmj.ac.in](mailto:pkjain@iitdmj.ac.in) .

**Principal Investigator: -**

**Dr. Prashant Kumar Jain**

Associate Professor, Mechanical Engineering Discipline

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