

Advertisement for the posts of 1 JRF and 1 Project Assistant in Sponsored Project (Rolling Advertisement)

Applications are invited for time-bound Project Appointments under the following project.

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| Title of the Project | Numerical simulations of Process modeling and experimental validation of Selective Laser Melted components for Aerospace applications | |
| Duration of the position | 3 years (To be renewed every year for upto 3 years subject to performance and fund availability) | |
| PI | Dr. Viswanath Chinthapenta | viswanath@mae.iith.ac.in |
| Department | Mechanical and Aerospace Engineering | |
| CoPIs | Dr. Rajesh Korla Dr Syed NK | rajeshk@msme.iith.ac.in snk@mae.iith.ac.in |
| Department | MSME/MAE | |
| Post | Fellowship | Qualification |
| Junior Research Fellow (JRF) - Design and modeling of AM using components - Fabrication and mechanical characterization of Additive Manufactured components using -PBF | Rs. 37,000 per month (Hostel facility subject to availability. Otherwise, HRA will be provided) | Minimum Qualification: - B.Tech/B.E. (1 st Class) in Mechanical or Aerospace - M.Tech/M.E. in Mechanical, or Aerospace (min. CGPA 6.0) Desired Qualification: -Expertise in AM, Modelling using FEM |
| Project Assistant - Fabrication of Additive Manufactured components using -PBF | Rs. 25,000 to 28,000 including HRA per month. (No Accommodation availability) | Minimum Qualifications: - Btech in Mechanical/Aerospace Engineering. Desired Qualification: -Expertise in AM, Modelling using FEM |

Application Process

Eligible applicants should fill up the google form

https://docs.google.com/forms/d/e/1FAIpQLSfzWN3t7mKywjM9U-C19-A6o5dS2BzymgMHq9xKQ2-feT3fvw/viewform?usp=pp_url) Documents to be **uploaded in the google form** are

1. Latest CV, Age Proof and Photo ID (Candidates must be Indian citizens)
2. Scanned/Digital copy of degree certificate and grade sheet/transcripts
3. JRF Candidates: 2-page extended abstract on their M. Tech project.
4. Project Assistant: 2-page extended synopsis on their technical project.

5. **Letters of recommendation:**

Candidates are strongly encouraged to submit one Letter of Recommendation, at least one of which will be from their supervisors/mentors. Please instruct your recommenders to directly send their LOR to viswanath@mae.iith.ac.in.

Selection

- This is a rolling advertisement; the PIs will evaluate and shortlist the applications received every 15 days until suitable candidates are selected.
- Candidates will be shortlisted by the PIs, and the selection committee based on eligibility and fit with respect to the advertised position.
- Shortlisted candidates will be called for an online interview. Shortlisted candidates will be intimated about interview date and time by email.
- Candidates with prior relevant experience will be given preference.
- Joining will be immediate after selection.
- The position will be kept open if no suitable candidate is found.



Dr. Viswanath Chinthapenta

Assc. Professor

MAE Dept., IITH