



Advt. No.: IITJMU/R&C/RP00109/A-010

Dated: 19/05/2022

Advertisement for the Position of Project Associate

Applications are invited from interested Indian candidates for the post of **Project Associate** to work on the project titled “**Feasibility Studies of Additive Manufacturing of Advanced Metal Material for Aero Engine Application**” sanctioned by GTRE, DRDO, India.

S.No	Position	Area of Specialization	Duration	Consolidated Salary per Month	Number of Positions
1	Project Associate	Knowledge and understanding of laser powder bed fusion based metal Additive Manufacturing	01 year	Rs. 20000/- (Per month consolidated)	01

*Minimum Qualification:

- Essential Qualification:

- M.E/M. Tech (Mechanical/Manufacturing/Design) or equivalent with at least 75% marks in aggregate from a recognized technical institute/university as a full-time program.
- Preference may be given to a candidate having appropriate knowledge of laser powder bed fusion based metal Additive Manufacturing and report writing.

- Desired Qualification:

Knowledge of laser powder bed fusion based metal Additive Manufacturing technology mainly on materials and manufacturing and prior experience of documentation and reports along with FEM simulation, data analysis software tools is desirable.

- Upper age limit: 30 years

Brief Objective of Project:

To conduct research on Advanced metal material system using laser powder bed fusion (LPBF) technology. Further, the LPBF processed sample's microstructural and mechanical property evaluation are planned. Further, structure-property correlation on LPBF processed nickel based material system are key goals of the project.

Job Description:

The selected candidate is expected to work on the LPBF technology, process optimisation, microstructural and mechanical property evaluation, co-ordination with vendors etc.

Application Process:

Duly filled application form along with the requested details, scanned copies of certificates, other supporting documents, should be uploaded through the online portal (<https://apply.iitjammu.ac.in/#/home>) latest by June 2nd, 2022. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal. Candidates who are already employed should produce a relieving certificate from their employers, if selected. The interview will be conducted for all shortlisted candidates.

Attention:

1. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.
2. Merely possessing the prescribed qualification does not ensure that the candidate would be called for an Interview. The candidates may be shortlisted based on merit and need for the project.
3. Shortlisted candidates will be informed by e-mail about the interview. So, the candidate must provide valid e-mail IDs, phone number information in their applications.
4. Shortlisted candidates must present themselves for the interview on the interview date with an updated CV and original and attested photocopies of mark sheets/certificates in support of their academic qualifications. Only shortlisted candidates will be called for the interview. The time of the interview will be informed to the shortlisted candidates by e-mail. The interview will be held by using the online platform.
5. Candidates who are already employed should produce a relieving certificate from their employers if selected.
6. The last date for receiving the duly filled in application is June 2nd, 2022, through an

online portal.

7. The date of interview will be informed to the shortlisted candidates through email.
8. "The selected candidate will be encouraged to apply for the PhD program if he/she satisfies all the criteria for PhD admission. However, the candidate can only be selected through the regular admission process for the PhD program at IIT Jammu.
9. **Candidate must upload all the documents with respect to educational qualification, Experience etc.**

Address for Correspondence:

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