



Research and Development Section Indian Institute of Technology Guwahati Guwahati-781039, Assam

Applications are invited for an **Online interview** for the following post(s) in the project entitled, "**Development of multi-material wire arc additive manufacturing process including the effect of multi-physics problem of droplet interaction, metallurgical model and free surface profile using phase field method**" at the department of Mechanical Engineering, IIT Guwahati.

Date: 18 December 2023 (Monday)

Time: 10 am

Venue: Online through MS Team/Google meet

Project Staff Designation	Number of Vacancies	Pay Recommended (Rs.)	HRA Required (Rs.)	Medical Required (Rs.)	Total Amount (Rs.)	Duration of Appointment in months	Qualifications
JRF GATE	01	31000	4960	1250	37210.00	10 months	B.E or B. Tech in Mechanical Engineering/ Production Engineering/ Instrumentation Engineering/ Manufacturing Science/ Metallurgical Engineering and Material Science or equivalent branches with a valid Gate Score OR M. Tech/ M. E. in Machine Design/ Manufacturing/ Metallurgy and Materials Science /Computational Mechanics/ Thermal engineering /CAD-CAM/ Additive Manufacturing or related area with GATE Qualified OR PhD in Mechanical Engineering or related area

How to apply and selection process: The candidate will be required for the design and development of multiwire plasma welding system and metallurgical analysis of the samples for wire arc additive manufacturing process. The knowledge of the simulation of additive manufacturing process using any finite element based software and metallurgical model of multiwire deposition will be preferred. The knowledge of robotic-cell for wire arc additive manufacturing process and knowledge of CAD –CAM software will be an added advantage for the project.

Eligible candidates have to fill the form using the link given in the end of this paragraph and Upload the CV containing all educational qualifications, experiences, contact address, phone no., Email, etc. as a single PDF file on or before 14th December 2023.

Link for the application form: <https://forms.gle/9m9QCNTVjVjCbtB49>

Only shortlisted candidates will be informed via mail on 15th December 2023 about the mode of online interview.

For any clarification, contact: Swarup Bag (Principal Investigator)

Email: swarupbag@iitg.ac.in

Phone: (0361)2582686

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Assistant Registrar (R&D)