



भारतीय प्रौद्योगिकी संस्थान इन्दौर
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IIT Indore

April 08, 2026

Advertisement for Junior Research Fellow in a project funded by Anusandhan National Research Foundation, Advanced Research Grant (ARG)

Applications are invited from high-caliber, enthusiastic, and research-oriented candidates for the position of **Junior Research Fellow (JRF)** in a research project entitled “**Design and Manufacturing of Lower Limb Prosthetics Using Military Grade CFRP-Aluminum Alloy by Advanced Electromagnetic Forming and Joining Processes: An Affordable Prosthetic Solution for Amputee**” sponsored by ANRF, Advanced Research Grant (ARG).

About the project: This project introduces a novel, cost-effective lower limb prosthetic that replaces expensive traditional fabrication with military-grade CFRP-aluminum alloy components joined via an advanced high-speed electromagnetic forming/joining process. The developed lightweight, durable prosthetic should offer an affordable yet combat-grade solution, significantly improving accessibility and quality of life for amputees in low-resource settings.

Essential Qualification: First Class B.E./B.Tech./M.E./M.Tech in Mechanical Engineering or Automation/Mechatronics/Production/Industrial/Automobile Engineering. Candidate must have qualified for GATE in a Relevant area.

Desirable: The candidate should have knowledge of manufacturing, materials science, welding, high-speed processes, and data acquisition. Additionally, candidates with experience in numerical simulation of metal forming/welding are encouraged to apply.

Monthly Stipend: Rs. 37,000 per month + HRA as per the funding agency norms.

Duration: The initial appointment is for 11 months, extendable based on performance up to the project duration.

Selected candidates may be considered for admission to the Ph.D. program as regular full-time scholars at IIT Indore per Institute norms.

How to Apply:

1. Interested candidates are requested to submit **two pages write-up and a detailed CV** to Dr. Ashish Rajak (a.rajak@iiti.ac.in), via email only with the subject line as “**Application for JRF position in ARG Project**”. The last date for submission of applications is **April 25, 2026**. Only shortlisted candidates will be intimated by email for the online interview.
2. In a two-page write-up, the candidate may write about his/her past research work, any relevant research project done by the candidate, his/her idea for future research, or their views on the above project based on the literature search, etc.
3. CV should include complete information such as academic grades/percentage starting from Xth standard onwards, with the details of year of passing, university or college, GATE score with year, discipline, marks, All India Rank, number of candidates appeared, contact details, and a valid email ID. **Kindly provide detailed work experience in the relevant field.** Incomplete applications will be rejected.
4. Only shortlisted candidates will be intimated by email for an online interview.
5. In case of any query related to the above project, kindly email Project Investigator: Dr. Ashish Rajak, a.rajak@iiti.ac.in