



Indian Institute of Technology Indore

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IIT Indore

Advertisement for Recruitment of Junior Research Fellow

Advt. No:

Date: 15/05/2026

Applications are invited from interested and motivated Indian National candidates for the post of Junior Research Fellow in a research project as per the following details.	
Position	Junior Research Fellow (JRF) (Under IndAC-SM Project)
Number of Vacancy	02
Project Title	Low-cost digital solution development for MSMEs
Department	Mechanical Engineering
Fellowship duration	1 years (initially) (extendable on a year-to-year basis up to the project duration, subject to satisfactory performance and availability of funds)
Job Description	<ul style="list-style-type: none">• Development and implementation of digital solutions for MSMEs• Data collection, analysis, and interpretation for MSMEs• Pilot testing digital solutions• Any other project-related work assigned by the Principal Investigator
Essential Qualification	ME/M.Tech or equivalent in relevant area of specialization. OR BE/B.Tech Degree in relevant branch of engineering from a recognized university/institution with at least one year of experience (after completion of BE/BTech).
Desirable Qualifications	Followings expertise will be considered in screening <ul style="list-style-type: none">• Full-Stack Development: Architect and maintain scalable web applications using the MERN stack (MongoDB, Express, React, Node.js).• IoT Integration: Develop robust data ingestion pipelines to handle real-time sensor data via protocols like MQTT, WebSockets, or HTTP/REST.• 3D Visualization: Integrate Unity/WebGL modules into web interfaces to create digital twins or interactive data models.• System Architecture: Design database schemas in MongoDB optimized for time-series IoT data.• Deployment: Manage the end-to-end lifecycle of the application, from local firmware testing to cloud-scale deployment.• Experience working with Unity or Unity3D• Low-cost digitalization solution development
Age Limit	35 years
Fellowship	35000 to 40000 (consolidated) based on education qualification, experience and interview performance.

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification Degree Certificates/Marks Sheets, Date of Birth proof Certificate can apply at <https://forms.gle/K5Kkx6cvCTvR3MHn9> by **30/5/2026**. Selected candidates will be intimated by email.

No TA/DA will be paid for appearing in the interview.

Address for Correspondence: Prof Bhupesh Kumar Lad,
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