



Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान इन्दौर

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IIT Indore

Advertisement for the post of JRF under DST Project

Advt. No: IITI/MEMS/AKK/JRF/2025/02

Date: November 11, 2025

Applications are invited from motivated and eligible candidates for a junior research fellow (JRF) position in the research project supported by DST Govt. of India (*INDO-Russia Joint Project*) (DST/INT/MSHE/P-02/2022(G)) The details of the project are given below:

Position	Junior Research Fellow (JRF)
Number of Vacancy	01
Project Title	“Catalytic Materials for efficient production of gluconic/gluconic acids and hydrogen by oxidation of biomasses generated glucose”
Department	Metallurgical Engineering and Materials Science
JRF Tenure	01 Year and can be extended till the termination of the project.
Job Description	Electrodeposition of metals/alloys. Structural characterization using X-ray diffraction, SEM-EBSD, and TEM/STEM imaging techniques etc.
Essential Qualification	M.Sc. in Physics/ Material Science / Nano Science & Technology with at least 60% marks AND CSIR NET-LS / Valid GATE Score. OR B.Tech. in Materials Science and Engineering/ Metallurgy/ Mechanical Engineering AND Valid GATE Score. OR M.Tech in Materials Science and Engineering/ Metallurgy/ Mechanical Engineering AND GATE qualified.
Age Limit	Maximum 28 years, upper age limit is relaxable upto 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	Junior Research Fellowship (JRF): Rs. 37,000/- p.m + HRA (as per institute norm)

Interested candidates are requested to submit a detailed softcopy of their CV with copy of relevant Essential Qualification Degree Certificates, Marks Sheets, CSIR NET-LS/GATE qualifying certificates, Date of Birth Certificate and Category Certificates (if applicable) in a single pdf file to the project PI akk@iiti.ac.in by **November 20,2025**

Project Investigators:

Prof. Ajay Kumar Kushwaha (PI), Associate Professor & HoD, Metallurgical Engineering and Materials Science, Indian Institute of Technology Indore, email: akk@iiti.ac.in

Date of Interview: 21.11.2025 (Online Mode via google meet)

Only shortlisted candidates will be called for interview and will be intimated by email.