



## 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/2025/01

Date: 02 July 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:

<b>Position</b>	Junior Research Fellow (JRF)
<b>Number of Vacancy</b>	01
<b>Project Title</b>	"Catalytic Materials for efficient production of gluconic/gluconic acids and hydrogen by oxidation of biomasses generated glucose"
<b>Department</b>	Metallurgical Engineering and Materials Science
<b>JRF Tenure</b>	01 Year and can be extended till the termination of the project.
<b>Job Description</b>	Electrodeposition of metals/alloys. Structural characterization using X-ray diffraction, SEM-EBS, and TEM/STEM imaging techniques etc.
<b>Essential Qualification</b>	M.Sc. in Physics/ Material Science / Nano Science & Technology with at least 60% marks <b>AND</b> CSIR NET-LS / Valid GATE Score. <b>OR</b> B.Tech. in Materials Science and Engineering/ Metallurgy/ Mechanical Engineering <b>AND</b> Valid GATE Score. <b>OR</b> M.Tech in Materials Science and Engineering/ Metallurgy/ Mechanical Engineering <b>AND</b> GATE qualified.
<b>Age Limit</b>	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.
<b>Fellowship</b>	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](mailto:akk@iiti.ac.in) by **14/07/2025**.

#### 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](mailto:akk@iiti.ac.in)

**Date of Interview: 15/07/2025 (Online Mode via google meet)**

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