



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/2024/02

Date: 13 Dec 2024

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/glucaric acids and hydrogen by oxidation of biomasses generated glucose”
Department	Metallurgical Engineering and Materials Science
Project Tenure	03 years, JRF position is available till the termination of the project.
Job Description	Electrodeposition of metals/ alloys and structural characterization employing X-ray diffraction, SEM-EBSD, and TEM/STEM imaging techniques. Electrochemical techniques.
Essential Qualification	M.Sc. Physics/ Chemistry/ Material Science / Nano Science & Technology or equivalent degree, with at least 60% marks AND CSIR NET-LS or Valid GATE Score.
Age Limit	Maximum 28 years
Age relaxation	The 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)

Desirable: Candidates having knowledge of Condensed Matter Physics (Solid State Physics), Materials Chemistry, Materials Science and Electro Chemistry etc. will be preferred.

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 **28/12/2024**.

Project Investigators:

Prof. Ajay Kumar Kushwaha (PI), Associate Professor & HoD, Metallurgical Engineering and Materials Science, Indian Institute of Technology Indore,

Prof. Ritunesh Kumar (Co-PI), Professor, Mechanical Engineering, Indian Institute of Technology Indore,

Tentative Date of Interview: 30/12/2024 (Online Mode)

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