



Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, इन्दौर 453 552, भारत

IIT Indore

Advertisement for the post of JRF under DST Project

Advt. No: IITI/MEMS/AKK/JRF/2024/01

Date: July 08, 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/gluconic acids and hydrogen by oxidation of biomasses generated glucose"
Department	Metallurgical Engineering and Materials Science
Project Tenure	03 years and/or co-terminus with the project. (The selected candidate will be encouraged to register for the Ph.D. program at IIT Indore as per institute norms).
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	JRF-28Yrs.
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 all relevant Essential Qualification Degree Certificates, Marks Sheets, CSIR NET-LS/GATE qualifying certificates, Date of Birth Pro Certificate and Category Certificates (if applicable) in a single pdf file to the project PI akk@iiti.ac.in by **July 17, 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: July 19, 2024 (In-Person/Online)

Only shortlisted candidates will be called for interview. Selected candidates will be intimated by email.
No TA/DA will be paid for appearing in the interview.


08.07.2024