



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 CSIR-(EMR-II) Research Project

Advt. No: 22/0868/23/EMR-II/02

Date: 17/04/2024

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis as per the following details.

Position	Junior Research Fellow (JRF) (Under CSIR Project No: 22/0868/23/EMR-II)
Number of Vacancy	01
Project Title	Exploring texture randomization mechanisms in non-rare earth magnesium alloys
Department	Metallurgical Engineering and Materials Science
Project Tenure	2 years 3 months 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	Deformation, Recrystallization and Phase transformation behaviour in magnesium alloys will be studied by employing X-ray diffraction, SEM-EBSD and TEM/STEM imaging techniques.
Essential Qualification	B.S. 4 years programme / B. Pharm./MBBS/ Integrated B.S.-M.S. / M.Sc. / B.E. / B. Tech. or equivalent degree, with at least 55% marks and passing of NET-LS/GATE test (Pl. refer to CSIR-HRDG website: www.csirhrdg.res.in)
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. (First & Second years) Rs. 42,000/- p.m. (3 rd year upon upgradation)

Desirable: Candidates having the basic knowledge on Mechanical Engineering, Metallurgy, Condensed Matter Physics (Solid State Physics) and Materials Science & Engineering topics will be preferred.

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification Degree Certificates, Marks Sheets, NET-LS/GATE qualifying certificates, Date of Birth Pro Certificate and Category Certificates (if applicable) in a single pdf file to the **Principal Investigator, Dr. Dudekula Althaf Basha**, Assistant Professor, Metallurgical Engineering and Materials Science, Indian Institute of Technology Indore, via **email: bashada@iiti.ac.in** by **30th June, 2024**. Tentative Date of Interview: **First week of July 2024**.

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.**