



Indian Institute of Technology (ISM) Dhanbad
Office of the Dean (Research & Development)

Sanction No and Date: IBITF/Note/EIR-PRAYAS/SanctionLetter/2024-25/0899, 18.3.25	IIT (ISM) Project No.: SRDP 1211 G	Date: 17/07/2025
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JRF position under IBITF Sponsored R&D Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	Junior Research Fellow (JRF)
Number of Position (s)	01
Title of The Project	The Smart Energy Metering and Billing System (SEMB): Enhancing EV Charging Infrastructure for Efficiency and Accessibility
Principal Investigator	Dr. Vedantham Lakshmi Srinivas
Tenure of Project	24 Months
Job Description (in maximum of 100 words)	Optimization of energy trading using AI algorithms, corresponding computer software, with background in control systems, electric drives, interdisciplinary tasks with integration of intelligent decision-making into energy applications emphasized.
Essential Qualification	Post-Graduate Degree in Basic Science OR Graduate/ Post-Graduate Degree in Professional Courses elected through a process described through any one of the following: (a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE; (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.
Desirable Qualification	Preferably the candidate should have post-graduation degree in electrical engineering or computer science with knowledge in control systems and power electronics, Hands-on experience with AI tools, Proficiency in MATLAB/Simulink/Opal-RT/Speedgoat, Familiarity with real-time data processing a systems
Fellowship	Rs. 37,000/- per month + Applicable HRA (16%) in case of accommodation outside IIT(ISM) Dhanbad
Last Date & Time	18/08/2025, 05:00PM

Candidates are requested to submit attested copies of all the certificates regarding qualifications along with their CV by email to vlsrinivas@iitism.ac.in, indicating the project title and number. Shortlisted candidates will be informed of the date of the interview. Mere possession of the minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.

V.L. Srinivas

Dr. V L Srinivas

Department of Electrical Engineering, IIT(ISM) Dhanbad.