



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

Sanction No and Date: 02/06/2025 Department of Science and Technology DST/CEST/CERI/SCST/2024/PR01(C)/ Climate Energy and Sustainable Technology	IIT (ISM) Project No. SRDP 1159G	Date: 29/08/2025
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Project Associate-I position under (Department of Science and Technology, Climate Energy and Sustainable Technology) Project

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

Position	Project Associate-I
Number of Position (s)	1
Title of The Project	Sustainable Learning Environments: Design of an Off-Grid Distributed Energy System Integrating an Intelligent Water Management Pump in the Eruvapalem Village School Premises.
Principal Investigator	Dr. Sukanta Halder
Tenure of Project	July 2025- July 2028 (3 Years)
Job Description (in maximum of 100 words)	Prototype development of Power electronics Converters, PV and Battery integration and testing of Off-Grid Distributed Energy System, Advanced AI/ Machine learning Based control algorithm development. Integration of Electric Drive System for pumping application etc.
Essential Qualification	M. E. /M.Tech. in Electrical Engineering / sub branches of Electrical Engineering or B.E./B.Tech. in Electrical Engineering or Electrical and Electronics Engineering.
Desirable Qualification	Knowledge in the field of Power Electronics and Drives, Data science, Renewable Energy, BESS.
Age and Relaxation (if any)	Preferably below 32 Years, on the last date of submission of the application (Age relaxation for SC / ST / PH / OBC or any other as per GOI & DST rules).
Fellowship	₹ 35960/- (31000+16% HRA) (Per month)
Last Date & Time	19th September, 2025, 5 PM , Interested candidate is requested to apply with their updated CV and testimonials as a single PDF The link for application (By 19th September, 2025, 5 PM) https://forms.gle/LotGi6SvF69wiawJ7

Shortlisted candidates will be informed the date of the interview through email. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed 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. Candidate with MTech Qualification may get the chance to pursue the PhD funded from this project at IIT(ISM) Dhanbad, (after satisfying the institute admission criteria). *Position will be on a purely contractual basis and co-terminated with the project timeline. The interview will be held in online/offline mode. Contact details: sukanta.ee@iitism.ac.in

(Signature of PI)