

Sanction No and Date: PSF-IH-2Y-TD-014, 17th January 2024	TEXMiN Project No. PSF-IH-2Y-TD-014	Date: 11-June-2024
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**“Project Associate - I” under “Technology Innovation in Exploration & Mining Foundation (TEXMiN) under Technology Innovation Hub (TIH)” 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	Data-driven Mineral Prospectivity Mapping in Jharkhand and its Surroundings
Principal Investigator	Dr Partha Pratim Mandal
Tenure of Project	12 months (June 2024 – May 2025)
Job Description and skill	The candidate is required to perform Geophysical potential field data preparation, exploratory data analysis, label creation of identified ore deposit for ML application. The candidate will build and run machine learning/deep learning models to identify potential mineral deposits in Jharkhand and surroundings. Preparation of project report, PowerPoint presentation and conference participation whenever required.
Essential Qualification	M.Sc./M.Sc. Tech in Applied Geophysics with CGPA of 7.5 or above.
Desirable Qualification	Candidates who have completed research/internship projects where machine learning is applied in resource characterization and/or mineral exploration will be given preference. Certification in ML course from professional organization would be an added advantage.
Age and Relaxation (if any)	The upper age limit is 28 years at the time of appointment. Age relaxation for SC/ST/OBC/Female candidates as per GoI rules.
Fellowship	Rs. 25,000 per month +16 % HRA
Last Date & Time	Interested candidates may kindly send their CVs to the PI ( <a href="mailto:partham@iitism.ac.in">partham@iitism.ac.in</a> ) by 23 <sup>rd</sup> June 2024.
Shortlisted candidates will be informed on 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 IIT (ISM) Dhanbad, if required. No TA/DA will be paid to attend the interview.	

*Partha Pratim Mandal*

**Partha Pratim Mandal  
(Signature of PI)**