

Sanction No and Date: PSF-IH-2Y-TD-014, 17th January 2024	TEXMiN Project No. PSF-IH-2Y-TD-014	Date: 19-March- 2024
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**“Short-term Research Intern” 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	Short term Research intern
Number of Position (s)	2
Title of The Project	Data-driven Mineral Prospectivity Mapping in Jharkhand and its Surroundings
Principal Investigator	Dr Partha Pratim Mandal
Tenure of Project	3 months (April – June 2024)
Job Description and skill	Geophysical data preparation (Gravity, magnetic, hyperspectral), exploratory data analysis, label creation for ML application.  Machine and Deep learning application in geoscience, idea of mineral exploration.
Essential Qualification	M.Sc. Tech in Applied Geophysics (Final year student) with CGPA > 7.5
Desirable Qualification	Master’s degree in Geophysics from IITs. Certification in ML course from professional website. Already part of projects where machine learning is applied in geoscientific problem specifically mineral exploration
Age and Relaxation (if any)	25 years
Fellowship	Rs. 10,000 per month (consolidated)
<b>Last Date &amp; Time</b>	<b>24<sup>th</sup> March 2024 (12 noon IST)</b>

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. Interested candidates may kindly send their CVs to partham@iitism.ac.in

*partha pratim mandal*

19-March-2024 (Signature of PI)