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

Sanction No and Date: PSF-IH-4Y-TD- Dated: 23/10/2026	**IIT (ISM) Project No.** SRDP 1418 G	Date: 17/11/2026

Advertisement for Research Associate-II (RA-II) position under R & D Project

Applications are invited from suitable candidates for RA position to work on TEXMiN/IMiN's sanctioned project. The details of the project are given below:

Position	Research Associate-II (RA-II)
Number of Position (s)	01
Title of The Project	Exploration for Critical Minerals Using Geophysical Data, Mineral Systems Frameworks, and Artificial Intelligence Techniques
Principal Investigator	Prof. Partha Pratim Mandal, Department of Applied Geophysics, IIT(ISM) Dhanbad
Tenure of Project	The position is purely temporary and co-terminus with the project, which is sanctioned for a period of 1 year or the end of the project, whichever is earlier.
Job Description	Development of AI/ML & DL-Based Predictive Models for mineral prospectivity mapping, uncertainty quantification, geological overlay analysis, carry out field survey, drilling ready target identification, report generation, presentation preparation, conducting periodic review with project stakeholder, manuscript writing and publication.
Essential Qualification	PhD in Earth Science with atleast one research paper in SCI Journal. Master's degree should be in Applied Geophysics from a reputed institute with 60% above or equivalent CGPA.
Desirable Qualification	Candidates with experience in mineral prospectivity mapping, resource modelling, geophysical data interpretation, GIS, AI/ML applications in geoscience with proven track record will be given preference.
Age and Relaxation (if any)	As per the norms of the Govt. of India for RA recruitment.
Fellowship	Rs. 61,000/- plus HRA as per the institute's norms in case hostel accommodation is not available.
Last date and how to apply	• Interested candidate is requested to apply with their updated CV and testimonials as a single PDF to the PI (both to partham@iitism.ac.in & partha87presi@gmail.com) by **29 November 2026 (Sunday)** • Email application of the subject line should be: "**Application for the position of RA-II under SRDP 1418 G** • Completion of the google form with necessary details https://forms.gle/FeUjg4E9TKKNjdp6A
Note: Shortlisted candidates will be communicated through email tentatively by **30 November 2026** to appear for an online/offline interview. Mere possession of 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.	

(Signature of PL)
Dr. Partha Pratim Mandal