



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

Sanction No and Date: <b>MTCS/SO/01</b> Dated: 15/06/2026	<b>IIT (ISM) Project No.</b>  SRDP 1333 I	Date: 19/06/2026
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**Advertisement for Research Associate (RA) position under R & D Project**

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

<b>Position</b>	Research Associate (RA)
<b>Number of Position (s)</b>	02
<b>Title of The Project</b>	Development of an Integrated AI/ML and Deep Learning–Based Exploration Model for Mineral Resources Mapping
<b>Principal Investigator</b>	Prof. Partha Pratim Mandal, Department of Applied Geophysics, IIT(ISM) Dhanbad
<b>Tenure of Project</b>	The position is purely temporary and co-terminus with the project, which is sanctioned for a period of 2 years or the end of the project, whichever is earlier.
<b>Job Description</b>	Development of AI/ML & DL-Based Predictive Models for mineral prospectivity mapping, uncertainty quantification, geological overlay analysis, report generation, presentation preparation, conducting periodic review with project stakeholder, manuscript writing and publication.
<b>Essential Qualification</b>	PhD in Earth Science with atleast one research paper in SCI Journal. Master's degree should be in Applied Geophysics/Geology/Geoinformatics from a reputed institute with 60% above or equivalent CGPA.
<b>Desirable Qualification</b>	Candidates with experience in mineral and hydrological resource modelling, geophysical data interpretation, GIS, AI/ML applications in geoscience with proven track record will be given preference.
<b>Age and Relaxation (if any)</b>	As per the norms of the Govt. of India for RA recruitment.
<b>Fellowship</b>	Rs. 61,000/- plus HRA (1 <sup>st</sup> year) as per the institute's norms in case hostel accommodation is not available. Depending upon performance, Rs. 67,000/- plus HRA for the 2 <sup>nd</sup> year.
<b>Last date and how to apply</b>	<ul style="list-style-type: none"><li>• Interested candidate is requested to apply with their updated CV and testimonials as a single PDF to the PI (both to <a href="mailto:partham@iitism.ac.in">partham@iitism.ac.in</a> &amp; <a href="mailto:partha87presi@gmail.com">partha87presi@gmail.com</a>) by <b>6 July 2026 (Monday)</b></li><li>• Email application of the subject line should be: “<b>Application for the position of RA under SRDP 1333 I</b>”</li><li>• Completion of the google form with necessary details <a href="https://forms.gle/4FuGnRqtqMwiN4Z89">https://forms.gle/4FuGnRqtqMwiN4Z89</a></li></ul>

**Note:** Shortlisted candidates will be communicated through email tentatively by **10 July 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) 19/6/26  
Dr. Partha Pratim Mandal