



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

Sanction No and Date: <b>ANRF/ECRG/2024/002107/EAS</b> Dated: 11/06/2025	<b>IIT (ISM) Project No.</b>  SRDP 1197 G	Date: 25/06/2025
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**Advertisement for Junior Research Fellow (JRF) position under ANRF-ECRG Project**

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

<b>Position</b>	Junior research Fellow
<b>Number of Position (s)</b>	01
<b>Title of The Project</b>	Natural Hydrogen hotspots mapping and characterization in India through the lens of geoscientific data, and artificial intelligence technology
<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 3 years or the end of the project, whichever is earlier. Selected candidates may be considered to the PhD program at IIT(ISM) Dhanbad as per institute norms.
<b>Job Description</b>	The candidate is expected to contribute primarily to natural hydrogen mapping and characterization integrating remote sensing, geological and geophysical datasets. JRF is also expected to do field survey for sampling, experimental analysis, data interpretation and report/article writing or any other work assigned by the PI.
<b>Essential Qualification</b>	M.Sc./M.Sc. Tech. /Integrated M.Tech. / M.Tech. in Geophysics/Applied Geophysics/Marine Geoscience or M. Tech. in Geo-exploration/ Petroleum Exploration/Geological Technology/ Petroleum Geosciences with 60% above or equivalent CGPA. The candidates must have qualified GATE/CSIR-UGC NET.
<b>Desirable Qualification</b>	Candidates with experience in geological and geophysical modelling, field survey experience and AI/ML applications in geoscience will be given preference.
<b>Age and Relaxation (if any)</b>	As per the norms of the Govt. of India/DST-ANRF for JRF recruitment.
<b>Fellowship</b>	Rs. 37,000/- plus HRA (1 and 2 <sup>nd</sup> year) and may be extended (subject to satisfactory progress) as SRF till the end of the project with fellowship of Rs. 42,000/- + HRA as per the institute norms in case hostel accommodation is not available.
<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>21 July 2025 (Monday)</b></li><li>Email application of the subject line should be: <b>"Application for the position of JRF under ANRF-ECRG/SRDP/1197/G"</b></li></ul>

**Note:** Shortlisted candidates will be communicated through email tentatively by **22<sup>nd</sup> July 2025** 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.

*Partha* 25/6/25

(Signature of PL) Dr. Partha Pratim Mandal