



Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: 11/VVB@2047/2024-3694/I&D- B /SCD 23.09.2024	IIT (ISM) Project No. SRDP 1150 G	Date: 05/11/2024
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**Research Assistant Position under Research Project
Titled**

**“Future-Ready Hospitals: Strategic Adoption of Industry
4.0 Technologies in Eastern and North-Eastern India”**

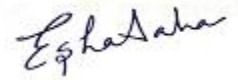
Applications are invited under the sponsored research project. The details of the research project are as under:

Position	Research Assistant
Number of Position (s)	3
Title of The Project	Future-Ready Hospitals: Strategic Adoption of Industry 4.0 Technologies in Eastern and North-Eastern India
Sponsoring Agency	ICSSR
Principal Investigator & Co-Investigators	<ul style="list-style-type: none">• Prof. Esha Saha, Department of Management Studies and Industrial Engineering, IIT (ISM) Dhanbad.• Prof. Shikha Singh, Department of Management Studies and Industrial Engineering, IIT (ISM) Dhanbad.• Prof. Pradeep Rathore, Operations and Quantitative Techniques, IIM Shillong.• Dr. Monika Sonu, Co-Founder and Director New Product Development, Healthinnovation Toolbox, Bangalore.• Mr. Kingshuk Chakraborty, Co-Founder and Director Strategy & Technology, Healthinnovation Toolbox, Bangalore.
Tenure of Project	3 years (36 months)
Job Location	Dhanbad
Job Description (in maximum of 100 words)	<ul style="list-style-type: none">• Conducting survey on healthcare-related technologies in Dhanbad and Shillong region of India.• Co-creation/design and deployment of identified technologies for hospitals.• Working on software like GIS, NVivo, SPSS, Vensim, anyLogistix/ARENA, etc.• Research paper publications, conference participation, project report and presentation preparation, and other project-related tasks assigned by PI/Co-PIs.
Essential Qualification	Ph.D./M.Phil./Postgraduate in a social science discipline with a minimum of 55%.
Desirable Qualification	<ul style="list-style-type: none">• Prior knowledge of sensors, IoT, product development, simulation, and related exposure in the area of healthcare and digital technologies will be preferred.• Prior experience/interest in technical writing and logical reasoning ability will be preferred.
Age and Relaxation (if any)	Preferably below 35 Years (Relaxation as per GoI norms)
Salary	Rs. 37,000/- per month (Consolidated)
Last Date & Time	20 days from the date of the advertisement till 5 PM.

The candidates are required to submit a copy of their detailed resume with their photograph and enclose all relevant supporting documents regarding age, qualification, and experience through **Google form** at https://docs.google.com/forms/d/e/1FAIpQLSd1ZlqkgsOpKQAXXiC5oxrBA5UNOLTTwNtLaHXF8VOL_8vPfg/viewform?usp=sf_link within the due date.

The candidates must also bring the original certificates and supporting documents for verification at the time of joining. For further details, candidates may **contact Prof. Esha Saha**, Principal Investigator, IIT (ISM) Dhanbad. Email IDs- eshasaha@iitism.ac.in.

Shortlisted candidates will be informed about the date of the interview. **The interview will be conducted in online mode.** Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per project requirements.



Signature of PI



Indian Institute of Technology (Indian School of Mines), Dhanbad
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Sanction No and Date: CRG/2023/003777 dated 08.05.2024	IIT (ISM) Project No. SERB(CRG)/2024-2025/1108/CE	Date 08.11.2024
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JRF position under ANRF(SERB) Sponsored Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	JUNIOR RESEARCH FELLOW
Number of Position (s)	01 (one)
Title of The Project	A Novel Modeling Approach for Selecting Suitable Intrinsic Bioremediation Strategies for Attenuating Oil Spills in Coastal Aquifers
Principal Investigator	DR. RENU V, Department of Civil Engineering, IIT (ISM) Dhanbad
Tenure of Project	The position is temporary and co-terminus with the project which is sanctioned for a period of Three YEARS .
Job Description (in maximum of 100 words)	<p>The candidate is expected to do a review of scientific literature, perform numerical modeling in the domain of hydrogeology, build models with machine learning and document research findings under the supervision of the Project Investigators.</p> <p>The selected candidate may be allowed to enroll for the Ph.D. program if the required criteria for Ph.D. admission to IIT(ISM) Dhanbad are satisfied.</p>
Essential Qualification	<ul style="list-style-type: none">• Candidates should have a first class or equivalent GPA in M.Tech./ M.E. in Civil Engineering/ Water Resources Engineering/Hydraulic Engineering/ Environmental Engineering/ Geotechnical Engineering/ Remote Sensing & GIS/ Earth Sciences or equivalent specializations and also have GATE/NET Qualification• B. Tech./ B. E. in Civil Engineering/ Agricultural Engineering and Technology
Desirable Qualification	Experience in MATLAB / python/ C programming will be useful
Age and Relaxation (if any)	The upper age limit is 28 years at the time of appointment (Age relaxation for SC/ST/OBC/PH/Female candidate as per GOI rules)
Fellowship	Fellowship: @ 37,000/- per month for first two years and: @ 42,000/- per month for third year.
Last Date & Time	November 30, 2024, 5:00 PM
Application Procedure	Interested and eligible candidates are requested to email their CV, mark sheets, certificates, experience certificates in a zipped file to the Principal Investigator (Email: renuvalsala@iitism.ac.in) before 5 PM on November 30, 2024.
Shortlisted candidates will be informed about the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed 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 PI)