



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: 15/04/2026
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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)	2
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	Total Tenure: 3 years; Remaining Tenure: 1 year
Job Location	Dhanbad
Job Description (in maximum of 100 words)	<ul style="list-style-type: none">• Analysis of the data collected from the primary health centers, community health centers, sub centers and district hospitals in the Dhanbad and Shillong region of India.• Modelling, Simulating and Implementing digital health technology in hospitals using IoT devices and software.• Research Paper Writing in high-quality peer-reviewed journals.
Essential Qualification	Ph.D./M.Phil/ Postgraduate in subject relevant to the research area of the Project or any Social Science discipline with a minimum of 55% marks.
Desirable Qualification	<ul style="list-style-type: none">• Prior knowledge of Research Paper Writing will be preferred.• Prior experience in modelling, simulating and implementing digital health technology in hospitals using IoT devices and software 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.
<p>The candidates are required to submit a copy of their detailed resume with their photograph and enclose all relevant supporting documents regarding age, date of birth, qualification, and experience through Google form at https://forms.gle/CzbzXouE3rUnbJWR8 within the due date.</p> <p>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.</p> <p>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.</p>	

Signature of PI