



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

Sanction No and Date:	Sanction No. DAR/27/2022 (e-Office File No. DRD-11014/78/2022-ES	Date: 23.6.2022
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Post-doctoral Fellow (PDF) position under PROJECT NO: IIT(ISM)/2022-2023/905/INSTITUTE

Applications are invited under the project no. as mentioned above. The details of the project are as under:

Position	Post-doctoral Fellow (PDF)
Number of Position (s)	One (01)
Title of The Project	Rejuvenation of existing waterbodies and identification of suitable locations for storing surface water for sustainable water supply in Dhanbad Municipal Corporation Area
Principal Investigator	Prof. S. R. Samadder, Associate Professor & Head of Centre, Centre for Water Resource Management, Department of Environmental Science & Engineering, IIT (ISM) Dhanbad, Pin-826004. Email: samadder@iitism.ac.in
Tenure of Project	One year (01)
Job Description (in maximum of 100 words)	The job involves frequent visit to the water scarce regions in the study area for the purpose of data collection. There can be occasional visits to the mining areas with other experts for geophysical surveys. The job also requires extensive analysis of the Remote Sensing data and GIS based mapping. The candidate is expected to communicate with various local administrative bodies for demographic data collection and should design field work for data collection. Candidate should actively work on manuscript development with PI, Co-PIs, and other project advisors.
Essential Qualification	Ph. D. in Environmental Science, Environmental Engineering, Water Resource Management, with an extensive working experience in hydrological and geospatial survey, modelling, and mapping expertise. The candidate should have at least two Publications in the SCI/SCIE journals as first author.
Desirable Qualification	Advanced working knowledge of software such as QGIS, ArcGIS, Google Earth Engine. Knowledge of programming in MATLAB, or Python is a plus but not essential. Knowledge of ground survey related work is desirable.
Age and Relaxation (if any)	35 Years (<u>Age relaxation is applicable for OBC and SC/ST candidates as per GOI Rules</u>)
Fellowship	Rs. 60000/- per month (Consolidated)
Last Date & Time for receiving application	12 th July, 2022 (5:00 PM)

The interested candidates fulfilling the above criteria must e-mail their Filled in application form along with complete CV and all other documents such as mark sheet, testimonials etc. (**All as a single pdf file**) to the PI at email: **samadder@iitism.ac.in latest by 12.07.2022 (5:00 PM)**. Candidates will be short listed based on their merit and as per the requirement of the project, related experience, and quality of publication. Shortlisted candidates will be intimated to appear for interview preferably **through online mode**. 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)
Prof. Sukha Ranjan Samadder
Head of Centre/Centre for Water Resource Management