



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

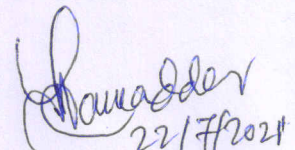
Sanction No and Date: Work Order No. 8800/OMC/F&E/2021 dated 18.06.2021	IIT (ISM) Project No. OMC/2021-2022/806/ESE	Date: 22.07.2021
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Junior Project Fellow position under OMC/2021-2022/806/ESE

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

Position	Junior Project Fellow (JPF)
Number of Position (s)	Two (02)
Title of The Project	Preparation of Nalla diversion with Surface Runoff management study pertaining to Guali Iron Ore Mines of M/s OMC Ltd. in Keonjhar district of Odisha
Principal Investigator	Prof. S. R. Samadder, Associate Professor, 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 field work for data collection in Iron Ore mining region. Collection and analysis of the data related to rainfall trends, surface topography, watershed related analysis, runoff estimation and designing of diversion channel for runoff drainage. The job involves detailed analysis in the GIS environment using Remotely Sensed data as well as collection of ground data for validation of the various results related to the project. The project also involves compilation of data, writing research articles and preparation of final report.
Essential Qualification	B. Tech./ B. E in Environmental Engineering/Civil/Mining or Equivalent with at least two years of active work experience in GIS and Remote Sensing applications for Hydrological Studies. (or) M. Tech/ ME in Environmental Science and Engg./Civil/Mining/Geo-informatics or Equivalent with at least one year of active work experience in GIS and Remote Sensing applications for Hydrological Studies. (or) M.Sc. /MS in in Environmental Science/Geo-informatics or Equivalent with at least one year of active work experience in GIS and Remote Sensing applications for Hydrological Studies.
Desirable Qualification	Knowledge of Image Processing Software such as ERDAS Imagine, ENVI and GIS software such as QGIS, ArcGIS. Working knowledge of SWAT Toolbox. Knowledge of at least one Programming Language (Python or R or Java Script). Knowledge of field data collection for hydrological studies.
Age and Relaxation (if any)	30 Years (Age relaxation is applicable for OBC and SC/ST candidates as per GOI Rules)
Fellowship	Rs. 31,000/- per month
Last Date & Time for receiving application	06.08.2021 till midnight

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 06/08/2021. Candidates will be short listed based on their merit and as per the requirement of the project. Shortlisted candidates will be intimated to appear for interview preferably through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. 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)

**Indian Institute of Technology (Indian School of Mines) Dhanbad**  
**Dhanbad, Jharkhand-826004**  
**Department of Environmental Science and Engineering**

**Project No.: OMC/2021-2022/806/ESE & Sanction No. 8800/OMC/F&E/2021 dated 18.06.2021**

Title of the project: Preparation of Nalla diversion with Surface Runoff management study pertaining to Guali Iron Ore Mines of M/s OMC Ltd. in Keonjhar district of Odisha.

**Application for the Post of Junior Project Fellow (JPF)**

<b>1. Name</b> (in block letters): _____	Affix passport size photograph.
<b>2. Date of Birth</b> (DD/MM/YY): _____	
<b>3. Address for Communication:</b> _____ _____ _____ City: _____ Pin: _____ Phone No.: _____ *Email: _____	<b>Permanent Address:</b> _____ _____ _____ City: _____ Pin: _____ Phone No.: _____

*\*Please make sure that the e-mail ID is correct and legible.*

**4. Details of University/ Institution Studied (10<sup>th</sup> onwards):**

Degree / Examination Passed	Subjects/Area of specilaization	Institution	Year of Passing	Marks in % or DGPA/ CGPA	Class

**5. Additional Qualifying Examination(s) Passed (if any):**

<b>(a) CSIR/UGC- NET-JRF</b> Registration/Roll No.: _____ Date of exam: _____ Valid till: _____	<b>(b) GATE</b> Registration/Roll No.: _____ Score (percentile and Rank): _____ Valid till: _____
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**6. Experience (Teaching/Research/Industrial etc) if any:**

Name of the Organization	Designation	Period		Nature of Work
		From	To	

**7. Research Publications (if any):****8. Personal Information:**

<b>a</b>	Nationality	
<b>b</b>	Gender	
<b>c</b>	Marital status	
<b>d</b>	Father's/Spouse's Name	
<b>e</b>	Whether person with disability : Yes/No (if yes, furnish necessary document)	
<b>f</b>	Whether belongs to reserved category : SC/ST/OBC	

**9. Address of PI:****Prof. S. R. Samadder (Principal Investigator)**

Department of Environmental Science &amp; Engineering

**Indian Institute of Technology** (Indian School of Mines)

Dhanbad -826004, Jharkhand

Email: [samadder@iitism.ac.in](mailto:samadder@iitism.ac.in)

Phone no.: - (0326)2235984(O), +91-9471191823(M)

**Send the completed application (in PDF format) at [samadder@iitism.ac.in](mailto:samadder@iitism.ac.in)** [Fill, scan (clearly visible with all the points as per the provided Serial numbers), attach (as single combined file) with all the mentioned necessary academic documents and complete CV (in a single pdf file only)]

**Note: Incomplete applications will not be considered.****DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief.

**Place:**  
**Date:****Signature of the Applicant**