



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

Sanction No and Date: TexMin/Projects/2021/02 dt. 07/05/2021	IIT (ISM) Project No.: TexMin/SEED/2021-2022/01/CSE	Date: 24.05.2021
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**Project Fellow position under Technology Innovation in Exploration & Mining Foundation (TexMin),
Technology Innovation Hub (TIH) Project**

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

Position	Senior Research Fellow (SRF)
Number of Position (s)	01
Title of The Project	Design of Predictive Maintenance System for Mobile Assets in UG Metal Mines
Principal Investigator	Prof. Tarachand Amgoth
Tenure of Project	6 Months from the date of appointment (upto 15.05.2022)
Job Description (in maximum of 100 words)	The candidate will be engaged in development of a predictive maintenance system for mobile assets in underground metal mines e.g., dumptrucks, drilling machines. He/she is responsible for design and development machine learning techniques for prediction failure or remaining useful lifetime of machines. Cleaning and preprocessing of raw data into datasets. Knowledge in cloud computing will be an advantage.
Essential Qualification	M.Tech / Ph.D with minimum three years of Project or Research experience in machine learning/IoT/Sensor networks.
Desirable Qualification	GATE/NET will be preferred
Age and Relaxation (if any)	Upper age limit is 35 years on the date of Application with relaxation to SC/ST/OBC as per Government of India norms.
Fellowship	Rs. 35,000 per month
Last Date & Time	31.05.2021, 5.30 PM
Shortlisted candidates will be informed on 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)