

Indian Institute of Technology (ISM) Dhanbad Office of the Dean (Research & Development)	
Sanction No and Date:	CIL/CP/2024/2481- 07.06.2024.
IIT (ISM) Project No.	CIL(COE)/2024-25/06/TEXMiN

Senior Technical Executive (Mining) position under IMiN CoE Project

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

Position	Senior Technical Executive (Mining)
Number of Position(s)	01 (one)
Title of The Project	IMiN – Centre of Excellence for Mining 4.0 at TEXMiN, IIT (ISM) Dhanbad
Principal Investigator	Prof. Dheeraj Kumar
Tenure of Project & Duration of Position	Project duration is 3 years (may be reduced/extended as applicable). The position is initially for one year and renewed annually based on satisfactory performance.
Job Description	<ul style="list-style-type: none"> - Operate, administer, and support a suite of mining software tools used for geological modelling, mine design, blast simulation, and geotechnical analysis. - Assist in planning, execution, and analysis of mining research projects leveraging advanced digital tools. - Provide expert training and technical support on mining software to researchers, students, and industry partners. - Lead data processing, model development, and report preparation related to mining software outputs. - Collaborate with multidisciplinary teams to integrate software solutions for Mining 4.0 innovations. - Maintain software licenses, ensure timely updates, and troubleshoot technical issues. - Ensure software usage complies with institutional IT policies and data security standards. - Perform any additional technical duties as assigned for the success of the Centre’s projects.
Essential Qualification	<p>First Class BE/B.Tech with minimum 3 years of experience in Mining Engineering/Geology/Civil or related discipline from a recognized Institute.</p> <p style="text-align: center;">or</p> <p>ME/M.Tech with minimum 2 years of experience in Mining Engineering/Geology/Civil or related discipline from a recognized Institute.</p> <p>Preference will be given to the candidates having experience modelling in mining or related geotechnical projects.</p>
Desirable Experience	<ul style="list-style-type: none"> - Experience working with mining software. - Understanding in exploration, mine planning and allied software applications.

	<ul style="list-style-type: none"> - Data analysis skills and experience generating technical reports. - Ability to train users and provide technical support. - Experience working in research or industrial mining environments. - Basic programming skills (Python, Matlab, VBA) for custom analysis.
Age and Relaxation (if any)	Preferably less than 40 years (relaxation as per institute/project norms).
Fellowship/Salary	Consolidated pay of Rs. 40,000/- to 50,000/- per month with 3-10% increment based on the performance.
Last Date	07.05.2026
<ul style="list-style-type: none"> • Prospective candidates are required to send a copy of their updated CV along with enclosing copies of the relevant supporting documents regarding age, essential qualification, experience, desirable profile etc. through email imin.coe@iitism.ac.in with subject line “Application for the position of Senior Technical Executive (Mining)” within the due date. • The shortlisted candidates will be informed through emails for attending the interview. No TA/DA will be provided for attending the interview; candidates must arrange their own accommodation if required. • The selected candidate will be required to bring the original certificates and supporting documents for verification at the time of joining. • The post is purely temporary and co-terminus with the completion of the tenure of the candidate, however continuation of the person in IMiN-CoE Project subjected to his/her satisfactory performance. • For further details candidates may contact through email: imin.coe@iitism.ac.in 	