



No.: TEXMiN/Rect/CTO/2023-24/113

Dated: January 15, 2024

POSITION FOR CHIEF TECHNICAL OFFICER (CTO)

Indian Institute of Technology (Indian School of Mines), Dhanbad [IIT (ISM) Dhanbad] has been entrusted for the establishment of a mining technology innovation hub under the National Mission for Interdisciplinary Cyber-Physical Systems (NMICPS). As mandated under the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) by Department of Science and Technology (DST), Govt. of India, Technology Innovation Hub (TIH) at IIT (ISM) is aimed at becoming the nodal centre heading the innovation activities in Exploration and Mining.

In order to carry out the activities of TIH, a section 8 SPV has been established in the name of TECHNOLOGY INNOVATION IN EXPLORATION AND MINING FOUNDATION (TEXMiN) at IIT (ISM). The section 8 company will work as an umbrella body to nurture and promote the objectives and activities of TIH in Exploration & Mining in the framework of NM-ICPS, DST, GoI. TEXMiN Hub is financially supported by DST, GoI for a period of five years. The Hub is to be governed by its Hub Governing Body (HGB).

TEXMiN is looking for a dynamic Chief Technical Officer (CTO) of TEXMiN to accomplish the mission of the organization. The details of the post are as under:

Position	Chief Technical Officer (CTO)
Number of Position (s)	01
Company	TEXMiN Foundation, IIT (ISM) Dhanbad
Sponsoring Agency	DST, GoI
Tenure	Initially for a period of 2 years or till project tenure (Renewable/extendable based on annual performance)
Job Description	<ul style="list-style-type: none">• Provide support to TEXMiN during assessment of various technology development proposals.• Provide support during assessment and incubation of start-ups.• Become part of various committees for different activities from time to time.• Communicate technology strategy to partners and investors and help developing the company's strategy using technological resources.• Participate in the meetings with different prospects in India and overseas and provide all technical support and inputs to the business development team.• Identifying experts and potential collaborators and facilitating research towards technology development.• Developing linkages with R&D institutions, industry, technology business incubators, international institutions, MMU /ministries, other centres of excellence to develop a strong network.• Working with residential experts and CEO to identify opportunities for domain specific research, translational research, innovation, entrepreneurship development and capacity building.

	<ul style="list-style-type: none"> • To evaluate the need of the mining industry, their existing problem statement and help TEXMiN develop the industry driven technologies and use/deploy the same technology profitably. • Monitor KPIs and IT budgets to assess technological performance. • Use stakeholders' feedback to inform necessary improvements and adjustments to technology. • Overall, as CTO, candidate must help TEXMiN to achieve its targets in a streamlined and time-bound manner.
Essential Qualification	<ul style="list-style-type: none"> • B.Tech/B.E/M.Tech/M.E/Dual Degree in Engineering/Technology preferably in mining or mining machinery from recognized university/institute of repute (preferably from IITs/similar institutions).
Essential Experience	<ul style="list-style-type: none"> • For Master's degree holders - at least 12 years OR for Bachelor's degree holder - at least 15 years of working experience in technology business sectors for technology development, commercialization and implementation. • Prior experience in product developments and deployments preferably in the areas of Industry 4.0 applicable to Exploration and Mining. • Proven experience as a CTO OR similar senior-level innovative executive looking for a change to contribute to the mission of Atamanirbhar Bharat. • Excellent communication skills with an understanding of budgets, business-planning and inter-disciplinary skills like collaboration/partnership, organizational development and planning and so.
Desirable Experience	<ul style="list-style-type: none"> • Prior Experience in translation research work into product development and deployments preferably in the areas of Industry 4.0 applicable to Exploration and Mining. • Good understanding of the Industry-Academia ecosystem. • A successful senior-level innovative executive looking for a change to contribute to the mission of Atamanirbhar Bharat. • Effective communication, inter-disciplinary skills, Collaboration/Partnership, Organizational Development and Planning. • Commanding respect, ability to interact comfortably with eminent and senior academicians, professionals, students, collaborators and other stakeholders. • Should be willing to travel extensively.
Maximum Age limit	50 years on the date of application. However, age may be relaxed for highly efficient candidates with proven track records in the mining industry covering operation, consulting, project management, technology & innovation, digital transformation and implementation of digital mining projects.
Salary	Consolidated pay of INR 15-18 Lakhs per year with 3-10%

	increment based on performance.
Method of Recruitment	Online/Offline
Apply to	TEXMiN Foundation through email: texmin@iitism.ac.in
Application is required to be submitted online latest by 5th February, 2024	
<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 texmin@iitism.ac.in within the due date. • The shortlisted candidates will be informed through emails for attending the interview. 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 TEXMiN Foundation is subjected to his/her satisfactory performance. • For further details candidates may contact through email: texmin@iitism.ac.in 	

***GENERAL INSTRUCTIONS TO THE CANDIDATES**

1.	<p>(a) The TEXMiN, IIT ISM Dhanbad reserves its right to place a reasonable limit on the total number of candidates to be called for selection process.</p> <p>(b) Fulfilment of qualifications per-se does not entitle a candidate to be called for selection process. Desirable qualifications shall also be taken into account for scrutiny of applications.</p> <p>(c) The TEXMiN, IIT ISM Dhanbad reserves the right not to fill up the positions, cancel the Advt. in whole or in part without assigning any reason and its decision in this regard shall be final.</p> <p>(d) All advertised positions are purely temporary and contractual in nature and the selected candidates cannot claim for appointment against any regular positions in the Institute/ TEXMiN, IIT ISM Dhanbad.</p> <p>(e) The engagement of all advertised positions will be subject to their medical fitness and Police Verification.</p> <p>(f) The TEXMiN, IIT ISM Dhanbad reserves its right to terminate the contractual engagement of all advertised positions by giving one month notice or one month's remuneration in lieu thereof without assigning any reason.</p> <p>(g) Leave is not a matter of right. However, all advertised positions may be allowed 30 days' Casual Leave in a calendar year. The leave, if not availed by 31st December in the year will not be carried forward to next year and will lapse. They will not be entitled for payment of any cash equivalent in lieu of unutilized leave.</p> <p>(h) All advertised positions will not be entitled for any accommodation or any other type of allowance.</p> <p>(i) All advertised positions may apply for termination of their contractual engagement on two months' notice. However, their relieving will be subject to the condition that the work being undertaken by them does not get hampered and that an alternative arrangement has been made by the TEXMiN, IIT ISM Dhanbad prior to his/her relieving.</p>
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	(j) The TEXMiN, IIT ISM Dhanbad reserves the right to impose any other reasonable conditions to safeguard the interests of the TEXMiN, IIT ISM Dhanbad.
2.	The closing date for submission of application shall be considered as the cut-off date for age, educational qualification and experience etc.
3.	The TEXMiN, IIT ISM Dhanbad reserves the right to assign/ transfer the selected candidates to any section/department within the TEXMiN, IIT ISM Dhanbad and engagements will be offered accordingly.
4.	<p>The shortlisted candidates will be called for Interview. In the event of receipt of large number of applications, written test may also be conducted for shortlisting the candidates for interview. The final selection will be on the basis of performance in the interview.</p> <p>The Committee constituted to conduct the Practical Trade Test and Written Test will decide the minimum qualifying marks for Written & Practical Trade Test in accordance with the number of vacancies and performance of the candidates and its decision shall be final.</p>
5.	<p>i) Applications received after the closing dates and incomplete applications will be summarily rejected.</p> <p>ii) The applicants should keep visiting the website of the TEXMiN and IIT (ISM), Dhanbad for any information related to the recruitment process.</p> <p>iii) TEXMiN, IIT ISM Dhanbad reserves its rights to decide the method of Selection Process depending upon the number of applications/shortlisted candidates.</p> <p>iv) The candidates applying for the post(s) should ensure that they meet all the eligibility conditions. If at any stage it is found that the candidate is not meeting the eligibility conditions, his/her candidature will be summarily rejected.</p>
6.	Legal disputes, if any, regarding the above will be restricted within the jurisdiction of Dhanbad only.