

**No.: TEXMiN/Rect/MT-CPS/2022-23/215****Dated: January 23, 2023****POSITION FOR MANAGER TECHNOLOGY - CPS**

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 (NMI-CPS). 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 center 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 Manager Technology for Cyber Physical System of the company for various technology development projects. The details of the post are as under:

<b>Position</b>	<b>MANAGER TECHNOLOGY: CPS</b>
<b>Number of Position (s)</b>	01
<b>Company</b>	TEXMiN Foundation, IIT (ISM) Dhanbad
<b>Sponsoring Agency</b>	DST, GoI
<b>Job Description</b>	<ul style="list-style-type: none"><li>• Innovation in electronics &amp; control systems for underground/open cast mines, market research to determine technology field trends, patentability and licensing opportunities</li><li>• Assisting technical projects and proposals to deliver competitive edge.</li><li>• Implementation of Cyber-Physical Systems in mining and Exploration</li></ul>
<b>Essential Qualifications</b>	<ul style="list-style-type: none"><li>• M. Tech Degree in Engineering in Mechanical/ Electronics/ Electrical/Automation and /or Robotics Engineering with a minimum of 55% marks from a recognized University/ Institute with two years of relevant experience.</li><li>OR</li><li>• Bachelor's Degree (four years) in Mechanical/ Electronics/ Electrical/Automation and /or Robotics Engineering with a minimum of 55% marks from a recognized University/ Institute with five years of relevant experience.</li></ul>
<b>Essential Experience</b>	<ul style="list-style-type: none"><li>• Experience in sensor technology and its applications</li><li>• Experience in Cyber-Physical Systems</li><li>• Knowledge of IoT, Sensors Hardware and software integration.</li></ul>
<b>Desirable Experience</b>	<ul style="list-style-type: none"><li>• Having knowledge Project execution and analytical skills.</li><li>• Good at multitasking, self-driven and working with diverse teams.</li></ul>
<b>Maximum Age limit</b>	40 years
<b>Salary</b>	Rs. 50,000-60,000/- per month (consolidated) with 3-10% increment based on performance