

## Job Description

### **Position: Sr. Executive / AM - New Technology Identifications**

Department: Training & Development

Reports To: Head Technology Identification

Location: iCEM Office or as required by the organization

Transport: Daily Pick up and Drop from Ahmedabad is available to iCEM employees

### About iCEM

iCEM is an autonomous institution established by the Government of Gujarat under the auspices of the Gujarat Mineral Development Corporation. With a vision to be India's leading institute for enabling sustainable mining from societal, environmental and commercial standpoints, iCEM aims to catalyse growth of the mining sector, helping it become more efficient, safe and sustainable.

Recognising the ever-evolving mining landscape and its impact on both economic growth and the environment, iCEM adopts a comprehensive approach that encompasses capacity building and skill development, developing knowledge resources, evaluating best-in-class technologies, validating breakthrough innovations for adoption in GMDC, and forging strategic collaborations with reputed national and international institutions.

Address:

Opp. Kensville Golf Resort,  
Devdholera Village,  
Off. Bavla - Rajkot Highway,  
Ta: Bavla, Dist.: Ahmedabad,  
Gujarat (India) – 382 240

This is contractual position initially for a period of 3 years extendable based on performance. Position will be based at iCEM Dev Dholera Campus, Ahmedabad.

### Role Purpose

The Sr. Executive – New Technology Identification will support the identification, scanning, and evaluation of emerging technologies relevant to the mining and allied sectors (TRL 1–5).

This role plays a key part in the early stage of the innovation lifecycle by helping discover promising technologies, startups, and solutions that can address real-world mining challenges and create long-term value for GMDC and the broader ecosystem.

## Key Responsibilities

### 1. Technology Scouting & Research

- Conduct market research to identify emerging technologies, startups, and trends in mining and allied sectors
- Track global best practices, innovations, and advancements relevant to operational efficiency, safety, and sustainability
- Support development of a structured technology pipeline for evaluation

### 2. Screening & Evaluation Support

- Assist in preliminary screening of technologies based on defined criteria (technical feasibility, scalability, relevance)
- Prepare summaries, briefs, and comparative analyses for identified technologies
- Support due diligence activities including basic technical and commercial assessments

### 3. Ecosystem Engagement

- Engage with startups, academic institutions, incubators, and industry forums
- Support coordination of innovation challenges, outreach programs, and partnerships
- Facilitate initial interactions between technology providers and internal teams

### 4. Documentation & Knowledge Management

- Maintain a structured database of identified technologies, startups, and evaluation status
- Prepare reports, presentations, and insights for internal stakeholders
- Capture learnings, trends, and innovation insights for continuous improvement

### 5. Collaboration & Internal Alignment

- Work closely with Scale-up and Adoption teams to ensure smooth transition of shortlisted technologies
- Support senior team members in decision-making through data-driven inputs
- Contribute to building a culture of innovation within the organization

## Key Competencies

- Strategic Mindset
- Operational Excellence
- Stakeholder Management
- Customer Orientation

- Sustainability Focus
- Pioneering Spirit
- Effective Communication

## Qualifications

- Master's / Bachelor's degree (in engineering or other technical discipline is preferred)

## Experience

- 2–5 years of experience in research, consulting, innovation, or technology-related roles
- Exposure to mining, industrial, or infrastructure sectors will be an advantage
- Experience in market research, technology evaluation, or startup ecosystem engagement is preferred

## Key Success Indicators

- Strong pipeline of relevant and high-potential technologies identified
- Quality and depth of research and evaluation insights
- Effective collaboration with internal and external stakeholders
- Contribution to innovation initiatives and ecosystem building