

Job Description

Position: Sr. Executive / AM New Technology Adoption

Department: Training & Development

Reports To: Head Technology Adoption

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 – Technology Adoption will support the deployment, field implementation, and integration of validated technologies in mining operations (TRL 6–9).

This role focuses on the final stage of the innovation lifecycle, ensuring that technologies are effectively implemented on-ground and deliver measurable improvements in productivity, safety, and sustainability.

Key Responsibilities

1. Deployment & Field Execution (TRL 6–9)

- Assist in planning and executing deployment of technologies at mining sites and plants
- Coordinate with OEMs, vendors, and operations teams for smooth implementation
- Support on-ground activities including installation, commissioning, and troubleshooting
- Ensure compliance with safety, operational, and regulatory standards

2. Technology Integration

- Support integration of new technologies with existing systems, processes, and infrastructure
- Assist in addressing operational challenges during implementation
- Ensure minimal disruption to ongoing operations

3. Stakeholder Coordination

- Work closely with internal teams, site personnel, and external partners
- Act as a coordination point between technology providers and end-users
- Support site visits, demonstrations, and training sessions

4. Performance Tracking & Reporting

- Track performance metrics and operational outcomes of deployed technologies
- Collect field data, feedback, and insights from site teams
- Support preparation of reports, dashboards, and impact assessments

5. Continuous Improvement & Feedback Loop

- Identify issues, gaps, and improvement opportunities during deployment
- Share structured feedback with Scale-up and Identification teams
- Contribute to improving deployment processes and frameworks

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 operations, project execution, technology deployment, or industrial environments
- Exposure to mining, metals, manufacturing, or infrastructure sectors will be an advantage
- Experience in field implementation, commissioning, or deployment projects is preferred

Key Success Indicators

- Successful on-ground deployment of technologies
- Smooth integration with existing operations
- Measurable improvements in productivity, safety, and efficiency
- Strong coordination with stakeholders and site teams