

OF MINES SAFETY



Directorate General of Mines Safety (DGMS) has an unprecedented legacy of more than 122 years of untiringly serving the nation and administering the Mines Act and legislations framed thereunder, thereby improving the safety, health and welfare of the persons employed in the mines. Since its inception as "Bureau of Mines Inspection" on 07.01.1902 DGMS has been transformed from time to time and has continuously strived for excellence and adapted to the needs of the mining industry in general and the safety of the persons employed in mines in particular. During this period, the safety status of mines improved very significantly, as witnessed by the decline in mining accidents and the fatality rates per 1000 persons employed from 1.29 during the decade 1911 - 1920 to 0.19 during the decade 2011-2020 in coal mines and from 0.73 to 0.24 in non-coal mines for the corresponding period. Now, the challenge is to further bring down the fatality rate, which has become almost stagnant in the later years of the last decade and requires a multi-faceted holistic approach. Adoption of proactive safety initiatives, in addition to compliance with conventional safety laws, is the most effective way of managing safety and health in the workplace. Harnessing the human resources to suitably fit for their specific job requires capacity building. Continuous education, training and retraining on the work-related Safe Operating Procedures developed based on risk assessment studies to control unsafe acts and conditions is a major key approach. Constant convergent deliberations with state and central government authorities conducting health check-up camps for unorganised sector workmen and organising workshops, seminars, training programmes etc. on the matters connected to the safety and health of the miners are ongoing activities of the DGMS.

Let us commit to working consistently with synergy towards ensuring good and safe working conditions, better standards of living and zero harm to our workforce, better society, and environment. Let us coordinate our efforts to pursue responsible mining with higher levels of safety and sustainability.



2024 IMEC-5

For IEMS, It's the 5th successive event of International Mining Expo & Conclave in organizing seminar, workshop, and expo of various products related to Mining sector and its safety equipment for the employees.

It was an overwhelming moment of pride with happiness for International Exposition & Mines Services (IEMS) in organizing last edition of this show stopper event - IMEC - 4 in the world of the Mining sector of Tamil Nadu. It was neither an effortless task nor a fruitless job as our team jointly with the TNMSA, Sponsors, & Vendors have taken immense responsibility with hard work and dedication in making the 'IMEC - 4' a successful and memorable event.

IMEC-5 will be organized beyond everyone's expectation in a world class level for the betterment of Mining Industry with the participation of 150+ Association Heads, 200+ Government Officials, Business visitors, 150+ Exhibitors, 50+ Media connect, etc.



TAMILNADU MINES SAFETY ASSOCIATION



MISSION

TNMSA strives to provide support to the mining industry to improve the safety and health standards in the mining industry.

VISION

To keep the Mining fraternity and Industry in high position among public and other industries and aiming to

- Improve safe and healthy working environment by conducting inspections / audits to prevent accidents from mining industry and for continual improvement.
- Provide technical, educational and other types of support to mines management, mine workers to improve safety.
- Work co-operatively with Directorate of Mines Safety, mine management and mine workers to improve safety and healthy environment in all mines.
- Work towards achieving zero accident and reduce injuries by creating continuous awareness through Mines Safety Week celebrations.

FUNCTIONING OF THMSA

TNMSA operates under the supervision of the Deputy Director General of Mines Safety, Southern Zone, and the Director of Mines Safety, Chennai Region, Tamilnadu

TNMSA annually oversees the organization of Mines Safety Observance Week, aiming to raise awareness among management and mine personnel via a range of events. Each year, the Annual General Body Meeting establishes the Executive Committee of TNMSA. This committee is responsible for organising and overseeing various events under the supervision of the DMS, who serves as the association' patron.

The Association encompasses mines situated in Tamil Nadu. The Association classifies the mines into three categories: 'A', 'B' and 'C'. Furthermore, the Association divides the 'A' category into non-conventional mines and conventional mines. The five zones of Tamil Nadu are Chennai, Neyveli, Tirunelveli, Salem, and Trichy. TNMSA is participating in organising zonal and state-level functions in one zone and zonal-level functions in the other four zones. The inspection team, which includes individuals from different zones, conducts inspections and evaluations of mines situated in each zone. Additionally, mine workers take trade exams, and those who excel receive appropriate rewards and appreciation in order to promote a safety culture among the mining community.





TEAM-IEMS

International Exposition & Mines Services (IEMS) is a well-known event management company in Tamil Nadu's mining and quarry industries. We have gained a reputation for our unwavering commitment and innovative approach to organizing international and national-level seminars, events, expos, and conclaves. To date, IEMS has successfully organized over 50 events in the past few years. This year, we are pleased to announce that IEMS is successfully organizing the most strategic mining industry exhibition, IMEC '5, a large-scale mining operation, in collaboration with TNMSA, SQCLOA, government officials, and industry experts. We greatly value their commitment, proactive measures, and efforts to ensure the success of the event as well as its positive impact on the economy.

Why Chennai, Tamilnadu for this event?



Tamil Nadu, the second-largest economy in India, ranks second in economic freedom among Indian states. The state significantly contributes to the national business sector, with 9.1% of enterprises originating there. It is actively engaged in mining projects for resources like Titanium, Lignite, Magnesite, Graphite, Limestone, Granite, and Bauxite. It also serves as a primary supplier of Molybdenum for the country.

Chennai, situated on the southeastern coast of India, serves as the capital city of Tamil Nadu. Renowned for its diverse industries, including healthcare, automobiles, and software, it has earned titles such as "India's health capital" and the "Detroit of India." The city boasts a comprehensive transportation infrastructure, encompassing Air, Road, Rail, and Water modes.

Despite being home to various mining and mineral companies, Chennai itself does not host active mines within its city limits. Instead, it stands out as a major urban center celebrated for its commercial, cultural, and educational significance. On the other hand, the surrounding districts like Kanchipuram, Thiruvallur, Chengalpattu, Vellore, and Villupuram are recognized contributors to the mining and minerals sector in the region.

INTERNATIONAL MINING EXPO & CONCLAVE

The primary objective of the event is to showcase the most innovative and diverse technologies that are presently available for the mining sector, which is responsible for the second-highest GDP in the Indian economy after the agricultural sector. The Expo will feature the products and services of industry-renowned machinery and mining companies, as well as displays from prominent brands, businesses, and suppliers of coolant systems, lubricants, electrical and electronic components, software, and hardware. Also on display will be machinery, motors, and compressors, all of which significantly contribute to the Expo's success.





01. Networking Session

To get an exciting opportunity to expand your network, associate yourself with industry renowned experts, mining engineers, consultants and professionals of mining industry all under the same roof & meet the icons, masterminds, industrial celebrities in person.

02. Mining Career Expo

The exhibition provides a platform for promising young people, as we extend invitations to prominent recruiters and corporations. This offers a chance to interact and collaborate with innovative individuals to further enhance their business perspectives.

03. Internship and Volunteers

The Mining industry has been a dream for many Engineering Graduates and Students who wish to get hands on experience in the domain by devoting their time to learning and gaining experience.

This platform offers the opportunity to recruit interns for your reputable organization.

04. Safety Workshop

The IEMS has a pool of highly experienced and esteemed industry professionals — recognized for their expertise and skillset. These knowledgeable minds are readily available to assist and evaluate your organization's safety measures. Upon specific requests, the IEMS is committed to providing references and contacts of these domain experts. They are an excellent choice for any mining industry seeking consultation and implementation of safety standards recommended by the Standards of Industrial Safety.

05. CONCLAVE Expert's Experience Sharing to Enlighten Us All

The highlight of this event is the presence of industry experts who will take the stage to share their entrepreneurial experience and discuss the hurdles they encountered on their route to success.

Please join us and indulge in the enlightening discourse of those who have ventured into the realms that many of us aspire to explore.

06. Talk to the Experts

You might have questions that only experts can address. This session presents an excellent opportunity for you to articulate your business concerns and limitations. In turn, the experts will respond in offering innovative and out-of-the-box approaches to resolve them.

07. Government Departments and Guidance

The IMEC-5 is set to be a unique event in the mining industry, bringing together around 200 members and officials from government departments such as the Ministry of Mines, Indian Bureau of Mines (IBM), State Directorates of Mining & Geology, TNPCB, Government Engineers, TN PWD, etc. This provides a platform to seek guidance and clarifications on various queries related to government guidelines, as well as measures of support for overcoming challenges and issues in industrial processes and procedures for industry growth.

08. Social initiatives

The IEMS is pleased to contribute to the social cause through the IMEC-5 event, aiming to make a positive impact on the community. This involves organizing a free medical camp, providing essential safety equipment to needy workers, and offering financial aid to around 500 deserving families. Additionally, we are empowering children and family women with basic value-based education and vocational training for a more self-sustained and dignified life.

09.Investor Meet

The IMEC-5 is a dream come true for new mining units, small to medium-scale companies, and members of the quarry and crusher's association. It provides a platform to showcase their high-tech products and machinery, along with state-of-the-art services, attracting potential sponsors and investors for business expansion. With over 100 leading investors and top-level entrepreneurs in attendance, the event aims to support the growth of the mining sector and contribute to the Indian economy.

10. Women Entrepreneurs, Professionals and Employees

To make a difference among women in the mining industry, the IMEC-5 serves as a multi-window event for enthusiastic female students, young women entrepreneurs, professionals, investors, and employees, even from rural areas. Through seminars, conferences, workshops, and other events, these individuals can enhance their professional connections in the diversified business sector of the mining industry and lead a self-sustained life in society. Even today, mining is an industry that has been maledominated, regardless of geographical location. But still, there have been positive steps which have helped to integrate women into the industry.



11. Exclusive Safety Equipment Pavilion for Exhibitors

The IMEC-5 transcends its role as a platform solely for exhibitors showcasing general products and machinery in the mining, quarry, and crusher sectors. It uniquely features safety and security-related equipment for global audiences.

The event includes an exclusive pavilion hosting 20 to 30 exhibitors presenting products and equipment dedicated to the safety and security of mining workers, environmental preservation, and machinery. Through live demonstrations and training sessions, participants can gain an understanding of the features and benefits of these specialized offerings.



12. TARGET REGIONS

The IMEC-5 is anticipated to draw over 150 association heads, 150 government officials, 3000 business visitors, 150 exhibitors, and 1000 owners of quarry and crusher units from all 39 districts of Tamil Nadu & including southern states Kerala, Karnataka, Andhra Pradesh & Telangana. This diverse participation underscores the event's significance and potential success.



The IMEC-5 Expo is an extraordinary event that is graced by distinguished members from the TNMSA, TSQLHWA and SQCLOA, esteemed government officials from the Directorate of Mine Safety, and an array of prominent mining industry brands and ambassadors. Hence, your presence would be highly captivating and undoubtedly beneficial to your mining enterprise. Join us at the most productive expo and explore the intricacies of the mining industry.

KEY HIGHLIGHTS

Corporate Connect

500 Quarry Owners and Crusher Owners

Government Departments & Guidance

All Quarry & Crusher Owners Associations

Exhibition & Networking Sessions

Exclusive Awards for 50 Quarry Owners

Special Seminar - Mining Technology

Free Training Program & Medical Checkup for Mining Technicians & Operators

Special Guidance Program for PWD Contractors

Special Insurance Program for Mining Workers

Exclusive Guidance Program for Quarry & Crusher Owners

Transport & Logistics - Experts & Speakers

14 - SPECIAL ZONES



M Sand Sales Festival & Technical Guidance.



Concrete Solutions & Advanced Technology.



Exclusive Safety Procedures & Technical Guidelines for Explosives.



Exclusive Safety Products and Training Program.



Investor Meet.



Government Guidance Panel for Quarry & Crusher Owners.



Special Technical Guidance Program for PWD Contractors.



Special Insurance Program for Mining Workers.



Exclusive Financial Guidance Program for Quarry Crusher Owners & Mining Segment.



Transport & Logistics Guidance.



Quarry & Crusher Owners - Corporate Guidance Program.



License, Permission, Approval, Procedures, Quarry Permit & Machinery Permit for Quarry & Crusher Owners.



Training Program & Medical Checkup For Operators & Technicians.



Job Fair.

The 5th successful Edition of IMEC will be organized beyond every expectation in a world class level for the betterment of Mining Industry with the participation of

150+

Association Heads 150+

Exhibitors

3000+

BusinessVisitors

200+

Government
Officials

1000+

Quarry & Crusher Owners

EXCLUSIVE PARTICIPATIONS

1000 QUARRY OWNERS & CRUSHER OWNERS

Over 1000 owners of mining, quarry, and crusher units from across Tamil Nadu will converge at IMEC-5 2024. This exclusive gathering provides a unique opportunity for them to establish valuable business connections with government officials, investors, dealers, entrepreneurs, and students. It stands out as the sole event achieving this feat in the Indian mining sector.

AWARD



Organizations & its workers who have been following the best practices and measures on Industrial safety and environmental safety will be prestigiously awarded through this event in honor of their hard work & dedication . This will ultimately motivate the others to become more safety oriented and to ensure that they also follow the best practices and standards that the industry requires to operate in a seamless and safe manner. Have you been nominated for your Award? Hurry up... Our jury team is about to visit the mining units very soon.

Key Takeaway for Exhibitors

- Showcase your products and services to potential buyers and customers who would be delighted to know about the latest hi-tech products and services available.
- Meet the decision makers and close the deals on spot
- Ensure that your operations and every aspect of business are productive and efficient by improving operational safety and reducing costs.
- A much needed platform for both the Quarry Owners / Machinery manufacturers and the customers to interact, emphasis and match their needs.
- The best place to know alternatives available and to improve the performance level.



Profile of Exhibitors

- Ministries & Chambers of Commerce
- Government / Non-Government Organization
- International Trade Commissions & Associations
- Mining Exploration / Smelting Companies
- Equipment/Machinery Manufacturers / Suppliers
- Mining Consultant / Services
- Mineral Processing Agency and Services
- Importers & Exporters / Trading Companies
- Components & Spare Parts
- Tyres & Wheels
- Oil, Lubricant & Service
- Real-time Safety Equipment for the Mining Operations
- Latest and Immersive Experience on Technology
 Automation Companies
- Finance & Insurance
- Software / Services (Along with Technology Automation Companies)
- Media / Publishers

Machinery & Technology for Mineral Mining & processing

- Communication System & Technology
- Conveyor Belting & Components
- Cranes, Forklift & Trucks
- Drilling & Crushing
- Earth Moving Equipment & Accessories
- Environment & Geology & Mining Related Services
- Fans & Dust Collectors
- Locomotives, Lubricants & Greases
- Mines Safety Equipment
- Process Control Systems
- Rock Drilling Equipment

Minerals

- Mineral Developments Corporation
- Minerals Exploration Technology
- State Governments
- Handling & Processing
- > Transportation & Logistics

Machinery & Technology for Mineral Mining & processing

- Automation & Instrumentations
- Energy Conservation
- Engineering and Design
- Environment Protection
- Filtration & Separation
- Induction Furnace and Heat Treatment
- Nano-Technologies
- Palletization
- Project Management & Consultation
- Pumps & Valves
- Quality control
- Refractories
- Safety Equipment & Technology
- Scientific Research & Development
- Scrap Collecting and Recycling
- Sheet Metal, Tube, Section (Ferrous & Nonferrous)
- Sintering
- Smelting and Reining
- Software technology
- Minerals
- Mineral Developments Corporations
- Minerals Exploration Technology
- State Governments
- Handling & Processing
- > Transportation and Logistics

Metallurgical Equipment & Technology

- Foundry Machinery & Technology
- Welding Equipment & Technology
- Rolling Mill Equipment

Metal Manufacturer & Suppliers

- Aluminium
- Copper
- Pipes and Tubes
- > Steel and Steel Structures
- > Stainless Steel
- **Zinc**
- Wire
- Lead



Metal Working Machinery & Technology

- Cutting, Shaping, Bending & Welding
- Extrusion
- Finished Products, Components, Assemblies
- Flexible Sheet Metal Working
- Forging, Casting Equipment & Accessories
- **Forming**
- Foundry Engineering
- Furnace and Heat Treatment
- Gears, Motors & Compressors
- Joining, Fastening
- Lapping
- Laser Cladding
- Lubricants
- Machine Tools and Dies
- Polishing
- Spray Painting Systems
- Surface Treatment & Corrosion Technology
- Tube / Section Processing
- **Vibrator De-burring Machines & Consumables**



By Application

- Commercial
- Residential
- Infrastructure

By Equipment Category

- Earthmoving Equipment
- Material Handling Equipment
- Heavy Construction Equipment
- > Other Equipment



By Equipment Type

- > Articulated Dump Trucks
- > Asphalt Finishers
- Backhoe Loaders
- Crawler Dozers
- Crawler Excavators
- Crawler Loaders
- Mini Excavators
- Motor Graders
- Motor Scrapers
- Rigid Dump Trucks
- Road Rollers
- Rough Terrain Lift Truck (RTLT) Masted
- Rough Terrain Lift Truck (RTLT) Telescopic
- Skid-Steer Loaders
- Wheeled Excavators
- Wheeled Loaders <80 HP</p>
- Wheeled Loaders >80 HP
- Compactors
- Pick and Carry Cranes



Electric & Hybrid Construction Equipment Market Type

- Electric Dump Trucks
- Electric Dozers
- Electric Loaders
- Electric Excavators
- Electric Motor Graders
- Electric Load Haul Dump

Benefits for the Visitors

- Witness the latest technology of Machinery & Services of mining industry at one place.
- Meet direct manufacturer, Mining and Quarry Owners, Suppliers, Service providers for the required products.
- Awesome deals and spot offers from the Exhibitors.
- Opportunity to explore and get up to date information about the latest technology and machinery products.
- Network connect with leading industry players of the Market.
- Identify new sourcing destinations for everything that is required for Mining Industry.
- Witness the latest advancement and technological development in the field of Minerals, Metals, Metallurgy and Materials Industry.
- Explore availability of raw materials, alternate suppliers of machinery, equipment and spares.
- Enter into business transactions; sign new deals, and new suppliers; negotiate terms of delivery on spot.
- Interact With Leading Companies and their key personnel.
- Find about Sources of Investments & Funding.
- Find Professionals & Skilled Manpower.

VISITOR PROFILE

- Ministry / Government Officials
- Quarry Owners, Limestone, Granite, Sandstone Mine Owners
- Mine Owners and Mine Developer cum Operator (MDO's)
- Processing Plants / Foundries Minerals
- Chief of Operations Plant / Mine
- Procurement / Purchase / Supply Managers
- Architects / Interior Designers / Construction Houses / Contractors / Builders
- Cement Manufacturers
- Steel / Aluminum Related Alloys Industry
- Safety Institutes / Health, Safety & Environment (HSE) Managers
- Trading & Marketing / Distribution & Representatives / Agents
- Power Generation, Distributors, Logistics Clearance Agents & Transporters
- Financial Institutions / Consultants
- Geological Institutes / Engineering Colleges Specialized in Mining
- Engineering Program

குவார் உரிமையாளர்களுக்கான நன்மைகள்

- 🙃 மத்திய அரசின் LIN-Number பெறுவதற்கான வழிகாட்டுதல்கள் வழங்கப்படும்.
- Manager Permission Reg. 34(6), இயந்திர உரிமம் (Machinary Permit 106 (2) (b)) Combined Mining Boundary Permission Reg 111 ஆலோசனைகளும் வழகாட்டுதல்களும் வழங்கப்படும்.
- சரங்கம் அமைத்தல், Bench formation, மற்றும் பாதுகாப்பு சம்பந்தப்பட்ட சட்ட நெறிமுறைகளை ஆற்றல் வாய்ந்த வல்வுநர்களால் ஆலோசனைகள் மற்றும் விளக்கங்கள் கொடுக்கப்படும்.
- ூ சுரங்கத் தொழிலாளர்கள் மற்றும் ஆப்ரேட்டர்கள் பாதுகாப்பாக எவ்வாறு வேலை செய்ய வேண்டும்? என்று ஆலோசனைகள் வழங்கப்படும்.
- னவாரிகளில் பயன்படுத்தப்படும் வெழ மருந்துகளை எவ்வாறு பாதுகாப்பாக கையாள்வது? மற்றும் உபயோகப்படுத்துவது போன்ற பாதுகாப்பு ஆலோசனைகள் வல்லுநர்களால் வழங்கப்படும்.
- போலி சமூக ஆர்வலர்கள், Quarry & Crushers உரிமையாளர்களிடம் அவர்கள் கொடுக்கும் இடையூறுகளை சட்டரீதியாக எப்படி எதிர்கொள்வது என்று மூத்த வல்லுநர்களால் ஆலோசனைகள் வழங்கப்படும்.
- உற்பத்தித்திறனை அதிகரிக்க நவின தொழில் நுட்பங்களை எவ்வாறு கையாள்வது என்று ஆலோசனைகள் வழங்கப்படும்.
- குவாரிகளில் விபத்துகள் ஏற்படாதவாறு [ZERO ACCIDENT] மூலப்பொருட்களை எவ்வாறு வெட்டி எடுக்க வேண்டும்? மேலும், சுற்றுச்சூழல் பாதுகாப்புடன் உற்பத்தியை எப்படி அதிகரிக்க வேண்டும்? போன்ற ஆலோசனைகள் வழங்கப்படும்.
- ூ சுரங்கத்தொழில் அமைக்க அரசாங்கம் அளிக்கும் உதவிகள் அது தொடர்பான சலுகைகள் மற்றும் வங்கி நிதியுதவி எவ்வாறு பெறுவது என்பது தொடர்பான ஆலோசனைகள் வழங்கப்படும்.
- னு சுரங்கத் தொழில் பாதுகாப்பு சம்பந்தப்பட்ட கேள்விகள் மற்றும் சந்தேகங்களுக்கு ஆலோசனைகள் வழங்கப்படும்

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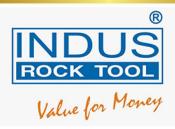






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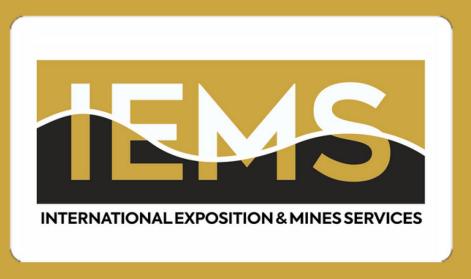


EVENT VENUE

Chennai Trade Centre Chennai , Tamilnadu



29th & 30th - September - 2024 Sunday - Monday



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