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Ministry of Steel*

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Government of India

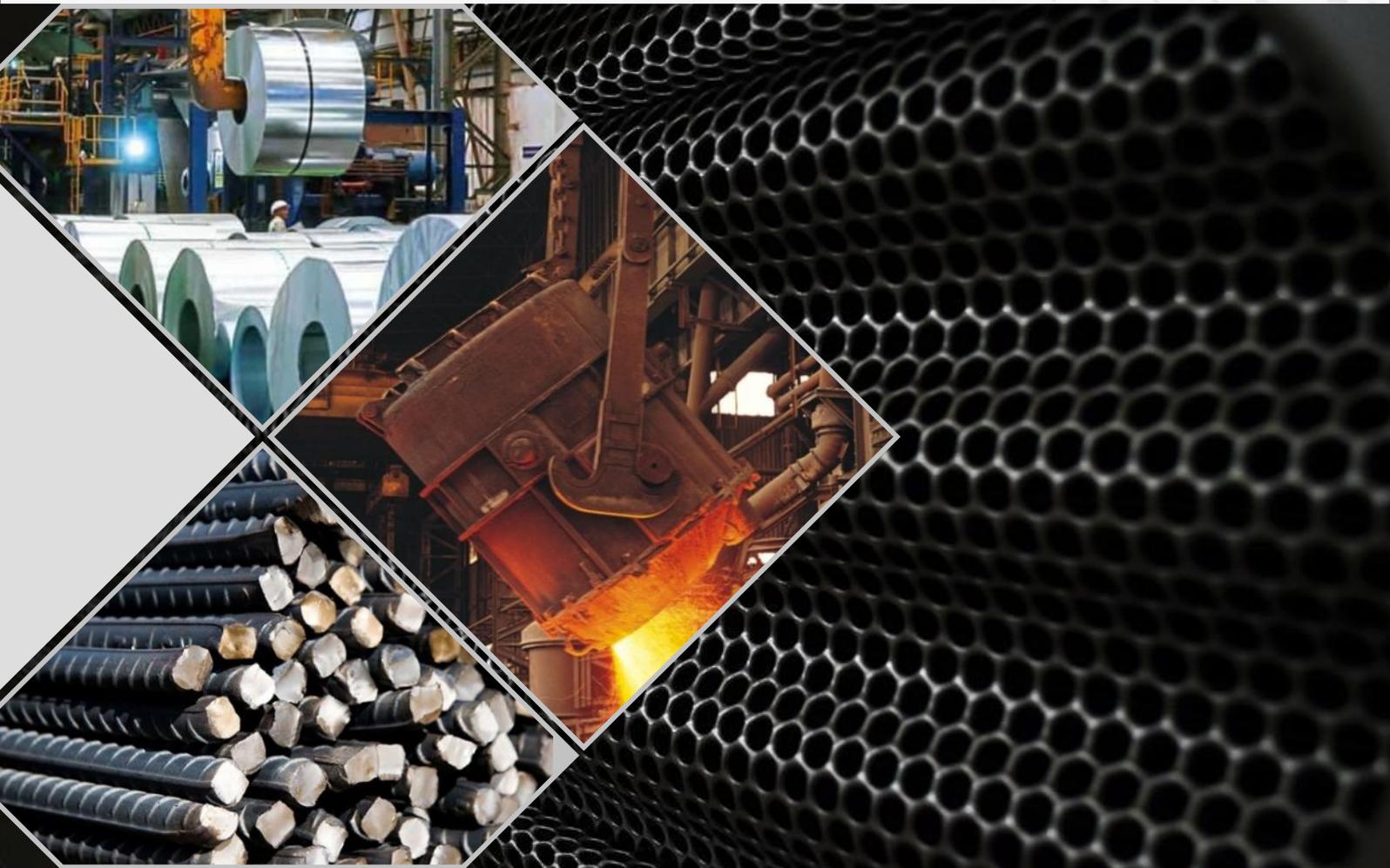
* Requested

ISME

International Steel & Metallurgy Exhibition

November 6-9, 2023

EcoPark, Rajarhat, Kolkata, India



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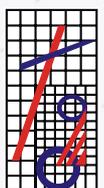


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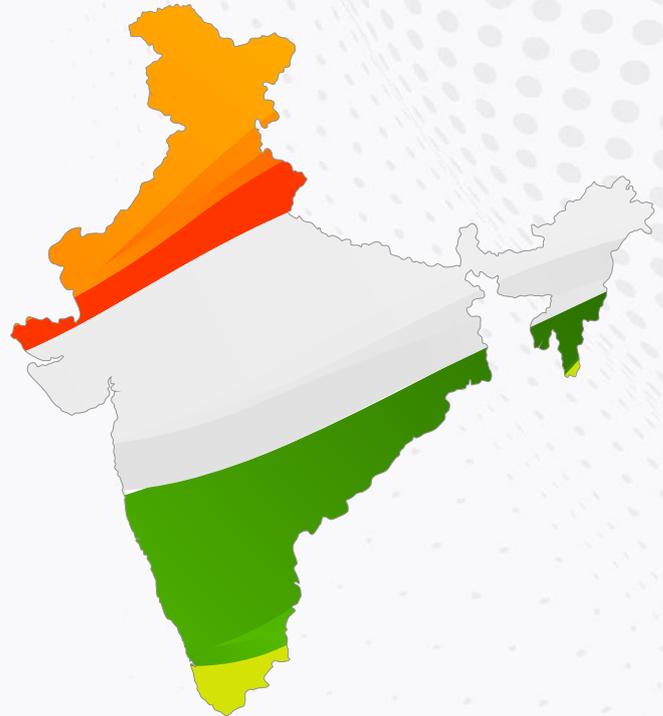
INTRODUCTION

One of the primary forces behind industrialization has been the use of metals. Steel has traditionally occupied a top spot among metals. Steel production and consumption are frequently seen as measures of a country's economic development because it is both a raw material and an intermediary product. Therefore, it would not be an exaggeration to argue that the steel sector has always been at the forefront of industrial progress and that it is the foundation of any economy. The Indian steel industry is classified into three categories - major producers, main producers and secondary producers.

As of April 2022, India was the world's second-largest producer of crude steel, with an output of 10.14 MT. In FY22, the production of crude steel and finished steel stood at 133.596 MT and 120.01 MT, respectively. The growth in the Indian steel sector has been driven by the domestic availability of raw materials such as iron ore and cost-effective labour. Consequently, the steel sector has been a major contributor to India's manufacturing output.

The Indian steel industry is modern, with state-of-the-art steel mills. It has always strived for continuous modernisation of older plants and up-gradation to higher energy efficiency levels.

ADVANTAGE INDIA



India

Robust Demand & Competitive Advantage

- India's finished steel consumption is anticipated to increase to 230 MT by 2030-31 from 133.596 MT in FY22.
- As of October 2021, India was the world's second-largest producer of crude steel, with an output of 9.8 MT.
- Easy availability of low-cost manpower and presence of abundant iron ore reserves make India competitive in the global set up.
- India is home to fifth-highest reserves of iron ore in the world.

Policy Support

- In October 2021, the government announced guidelines for the approved specialty steel production-linked incentive (PLI) scheme.
- Under the Union Budget 2022-23, the government allocated Rs. 47 crore (US\$ 6.2 million) to the Ministry of Steel.

Increasing Investments

- The industry is witnessing consolidation of players, which has led to investment by entities from other sectors. The ongoing consolidation also presents an opportunity to global players to enter the Indian market.

MARKET SIZE - INDIA

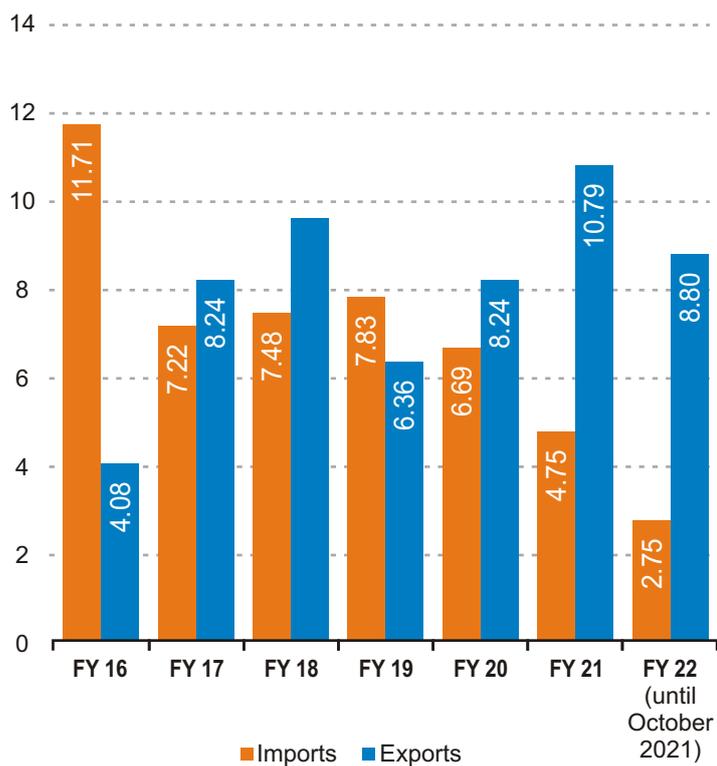
In the past 10–12 years, India's steel sector has expanded significantly. Production has increased by 75% since 2008, while domestic steel demand has increased by almost 80%. The capacity for producing steel has grown concurrently, and the rise has been largely organic.

In FY22, the production of crude steel and finished steel stood at 133.596 MT and 120.01 MT, respectively. The consumption of finished steel stood at 105.751 MT in FY22.

In FY22, exports and imports of finished steel stood at 13.49 MT and 4.67 MT, respectively. In FY22, India's export rose by 25.1% YoY, compared with 2021. In FY21, India exported 9.49 MT of finished steel.

The annual production of steel is anticipated to exceed 300 million tonnes by 2030–2031. By 2030–31, crude steel production is projected to reach 255 million tonnes at 85% capacity utilisation achieving 230 million tonnes of finished steel production, assuming a 10% yield loss or a 90% conversion ratio for the conversion of raw steel to finished steel. With net exports of 24 million tonnes, consumption is expected to reach 206 million tonnes by the years 2030–2031. As a result, it is anticipated that per-person steel consumption will grow to 160 kg.

Finished steel export and import (in million tonnes)





GOVERNMENT INITIATIVES

Some of the other recent Government initiatives in this sector are as follows:

- In October 2021, the government announced guidelines for the approved specialty steel production-linked incentive (PLI) scheme.
- In October 2021, India and Russia signed an MoU to carry out R&D in the steel sector and produce coking coal (used in steel making).
- In July 2021, the Union Cabinet approved the production-linked incentive (PLI) scheme for specialty steel. The scheme is expected to attract investment worth ~Rs. 400 billion (US\$ 5.37 billion) and expand specialty steel capacity by 25 million tonnes (MT), to 42 MT in FY27, from 18 MT in FY21.
- In June 2021, Minister of Steel & Petroleum & Natural Gas, Mr. Dharmendra Pradhan addressed the webinar on 'Making Eastern India a manufacturing hub with respect to metallurgical industries', organised by the Indian Institute of Metals. In 2020, 'Mission Purvodaya' was launched to accelerate the development of the eastern states of India (Odisha, Jharkhand, Chhattisgarh, West Bengal and the northern part of Andhra Pradesh) through the establishment of an integrated steel hub in Kolkata, West Bengal. Eastern India has the potential to add >75% of the country's incremental steel capacity. It is expected that of the 300 MT capacity by 2030-31, >200 MT can come from this region alone.
- In June 2021, JSW Steel, CSIR-National Chemical Lab (NCL), Scottish Development International (SDI) and India H2Alliance (IH2A) joined forces to commercialise hydrogen in the steel and cement sectors.
- Under the Union Budget 2022-23, the government allocated Rs. 47 crore (US\$ 6.2 million) to the Ministry of Steel. The budget's focus is on creating infrastructure and manufacturing to propel the economy.
- In addition, enhanced outlays for key sectors such as defence services, railways, roads, transport and highways would provide impetus to steel consumption.
- In January 2021, the Ministry of Steel, Government of India, signed a Memorandum of Cooperation (MoC) with the Ministry of Economy, Trade and Industry, Government of Japan, to boost the steel sector through joint activities under the framework of India–Japan Steel Dialogue.
- The Union Cabinet, Government of India approved the National Steel Policy (NSP) 2017, as it intends to create a globally competitive steel industry in India. NSP 2017 envisage 300 million tonnes (MT) steel-making capacity and 160 kgs per capita steel consumption by 2030-31.
- The Ministry of Steel is facilitating the setting up of an industry driven Steel Research and Technology Mission of India (SRTMI) in association with the public and private sector steel companies to spearhead research and development activities in the iron and steel industry at an initial corpus of Rs. 200 crore (US\$ 30 million).
- The Government of India raised import duty on most steel items twice, each time by 2.5% and imposed measures including anti-dumping and safeguard duties on iron and steel items.

ROAD AHEAD

The steel industry has emerged as a major focus area given the dependence of a diverse range of sectors on its output as India works to become a manufacturing powerhouse through policy initiatives like Make in India. With the industry accounting for about 2% of the nation's GDP, India ranks as the world's second-largest producer of steel and is poised to overtake China as the world's second-largest consumer of steel. Both the industry and the nation's export manufacturing capacity have the potential to help India regain its favourable steel trade balance.

The National Steel Policy, 2017 envisage 300 million tonnes of production capacity by 2030-31. The per capita consumption of steel has increased from 57.6 kgs to 74.1 kgs during the last five years. The government has a fixed objective of increasing rural consumption of steel from the current 19.6 kg/per capita to 38 kg/per capita by 2030-31.

Huge scope for growth is offered by India's comparatively low per capita steel consumption and the expected rise in consumption due to increased infrastructure construction and the thriving automobile and railways sectors.



EVENT OVERVIEW

- An ideal Platform and environment for business networking with peers from Steel & Metallurgy and allied industry in an open and informative atmosphere, wherein you meet new and existing clients, generate new business, analyse your competitors all in one place, leading to further partnerships, ancillary services or new clients.
- Display and Launches of New Initiatives, Machinery, Products and Technologies.
- Large participation of leading manufacturers expected from India and Overseas.
- Participation of Corporates, State Governments, PSUs, SMEs, International Trade Bodies, Start-up organisations, etc.
- CEO's Forum with Major Industry Leaders.

PARTICIPATING OPTIONS

Built-Up Stall (in Air Conditioned Halls)

Includes: Octonorm Wall Panels, Synthetic Carpet, Fascia in English, 1 Spotlight per 3 sqm., One 5 amp socket per 12 sqm., 1 Counter, 3 Chairs, 1 Glass Top Round Table, Basic Single Phase Electricity for stand lighting and basic daily usages.

Bare Space (in Air Conditioned Halls)

Electricity Load to be ordered and paid extra

Sponsorship Packages (including Stall)

Please refer to Sponsorship Brochure for the same



Sample Image of a Shell Scheme / Built-up Stall

EXHIBITING PROFILE

- Steel & Metal Manufacturers & Suppliers
- Ferrous and Non-Ferrous Metal Producers
- Induction Furnaces and Heat Treatment
- Advance Materials Furnaces
- Steel Forming
- Heat Exchangers, Radiators and Cooling Towers
- Refractories & Products
- Metal Working Cutting, Shaping, Bending & Welding
- Forging, Casting Equipment and Accessories
- Metallurgical Equipment
- Research & Development Institutes & Laboratories
- Foundry Engineering
- Foundry Machinery & Technology
- Filtration & Separation
- Rolling Mill Equipment
- Automation & Instrumentation
- Pumps, Valves & Compressors
- Bearings & Shafts
- Gears & Motors
- Pipes & Tubes
- Wire & Cables
- Design & Engineering
- Fire Fighting and Safety Equipment
- Locomotives, Lubricants & Greases
- Information Technology Providers
- Measuring, Testing and Controlling
- Shot Blasting and Shot Peening Equipment
- Machine Tools and Dies
- Process Automation Technology and Equipment
- Energy Efficiency & Conservation
- Materials Processing & Handling
- Pollution Control Equipment & Services
- Blast Furnaces
- Infrastructure
- Material Handling & Logistics
- Lead & Lead Batteries
- Surface Treatment & Corrosion Technology
- Importer & Exporter
- Wholesale Traders



VISITORS PROFILE

- Defence & Aerospace Industry
- Automobile Industry
- Heavy Earth Moving Machinery Manufacturers
- Transportation Organisation
- Logistics, Shipping and Fright Companies
- Infrastructure Development Organizations
- IT Companies and Solutions Providers
- Scientific Organisations
- Government Officials & Policy Makers
- Electrical & Electronics
- Power Transmission and Distribution
- Shipbuilding Industry
- Construction Industry
- Coal, Mining & Minerals Industry
- Heat Treatment Industry
- Chemical Industry
- Material Science Community
- Metallurgists & Scientific Community
- R&D Professionals
- Equipment Buyers & Suppliers
- Project Developers
- Entrepreneurs
- Investors, MNC's, Industrialist and Traders
- Importers and Exporters
- Engineers and Professional
- Trade Delegations
- Research Scholars
- Chief Executives / Decision Makers
- Consultants
- Academicians
- Foreign Missions
- Industry Associations
- Bankers and Financial Institutions
- Legal and Management Consultants



19th World Mining Expo 2003
(Concurrent to World Mining Congress)
New Delhi, India



International Mineral Processing Expo 2012
(Concurrent to XXVI International Mineral Processing Congress)
New Delhi, India



International Mining, Equipment & Minerals Exhibition
(Concurrent to Asian Mining Congress)
Kolkata, India



Defence | Transportation | Energy | Heat Treatment

International Materials, Engineering, Technology & Heat Treatment Exhibition
Mumbai, Maharashtra



International Exhibition on Minerals, Metals, Metallurgy & Materials
New Delhi, India



20th World's Poultry Congress & Expo 1996
New Delhi, India



International Exhibition on Pulp, Paper & Allied Industries
New Delhi, India



International Exhibition on Printing and Allied Machinery Industries
of the printers for the printers by the printers

International Exhibition on Printing and Allied Machinery Industries
Delhi and Greater Noida, NCT of Delhi



International Packaging Exhibition
(Concurrent to World Packaging Congress)
Mumbai, India

For more details about TAFCON
Kindly visit www.tafcon.in

KOLKATA - THE CITY OF JOY

Kolkata "The City of Joy" is the capital of the Indian State of West Bengal. It is also the commercial capital of East India, located on the east bank of the Hooghly River. The 'City of Joy' earned its nickname because of its unfettered enthusiasm for its culture, traditions, literature, history, food and more. The city has something for everyone from art and literature, to sports, food, shopping, history, architecture, religion, spiritualism and even politics. Kolkata is the perfect amalgamation of old-world charm and modern Experience. Every nook and corner of this city is filled with stories that are bound to mesmerise and charm you. There is more to Kolkata than one can ever imagine. The entire city of Kolkata is covered with the various means of transport, which simply means that you will not face any issues in commuting in this city.



EXHIBITION VENUE - ECO PARK, KOLKATA, INDIA

New Town Eco Park is an urban park in Rajarhat, Kolkata. The park is situated on a 480 acres (190 ha) plot and is surrounded by a 104 acres (42 ha) waterbody with an island in the middle. The Eco park is located along the Major Arterial Road in Action Area - II of New Town, Kolkata. The park is surrounded by the Kolkata International Convention Centre and the Kolkata Museum of Modern Art on the North, the upcoming Central Business District and International Financial Hub on the east, and existing human settlement of Jatragachi / Hatiara on the South and West.

ABOUT ORGANISERS



Tafcon Projects India Pvt. Ltd. (TAFCON)

TAFCON is a professionally managed company with over six decades of experience and expertise in organising International Trade Fairs and Conferences in India and overseas, on various subjects namely Mining; Minerals; Metals; Materials; Defence; Heat Treatment; Foundry; Manufacturing; Surface Engineering, Paints & Coating; Packaging; Printing; Environment; Paper; Beauty; Lifestyle; Tot Teen & Mom; Education; Medical & Healthcare; Poultry, Dairy & Food Technology; Travel & Tourism; etc.



The Mining Geological Metallurgical Institute of India (MGMI)

MGMI, the oldest institute of its kind in Asia has been promoting the cause of the mineral industry since its inception on 16 January 1906. It has been on the forefront of professional societies in mining and geosciences around the world. MGMI has always provided a forum for sharing experiences and learning of the latest in best practices and technology. The Institute presently has more 3,000 members serving the mining, minerals and metallurgical industry and diversified its valued added activities in various fields. The institute is having its headquarter and one of its branch in Kolkata and 18 more branches throughout the country.

Contact Us

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