

IESS XI COIMBATORE

International Engineering Sourcing Show

Codissia Trade Fair Complex
Coimbatore, India
4-5-6, March, 2024

A Report

#SmartSustainable Engineering

Supported by

Ministry of Commerce & Industry
Ministry of Heavy Industries
Department of Defence Production
Government of India

Organiser

EEPC INDIA
ENGINEERING THE FUTURE

Host State

FaMe TN

Focus States

VTPC KARNATAKA | ODOP | MAITRI | JKTPO

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TATA STEEL
#WeAlsoMakeTomorrow

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SUBCON
THE MANUFACTURING SOLUTIONS SHOW
5 - 6 JUNE 2024 - THE NEC, BIRMINGHAM

Registration Partner

C.R.I. PUMPS

ufi Approved International Event

IESS XI COIMBATORE

International Engineering Sourcing Show

Codissia Trade Fair Complex, Coimbatore, India
4-5-6, March, 2024



A POST SHOW REPORT

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www.eepcindia.org



Foreword

IESS was born with an inbuilt commitment and promise to promote, assist and handhold MSMEs to showcase their engineering goods to their overseas counterparts.

EEPC India, for decades, has played a lead role in building the Brand India image by organising exhibitions around the globe.

IESS (International Engineering Sourcing Show), is a mega display of Indian Engineering Merchandise across the verticals and this turned eleven in March, 2024. IESS XI was a three day event over 4-5-6 March at CODISSIA, in Coimbatore advocating #SmartSustainableEngineering as the show theme.

#SmartSustainableEngineering as the theme , reflected the current convergence of two critical trends in the manufacturing industry of Smart Manufacturing and Sustainable Manufacturing. Starting from the Inauguration and the other branding Collaterals all had the manifestation of the theme

IESS XI – the second IESS in Coimbatore and sixth in Tamil Nadu as the Host State , with the support from Department of Commerce, Ministry of Commerce and Industry; Ministry of Heavy Industries; Department of Defence Production, Ministry of Defence; Government of India; Jharkhand -4th time now , West Bengal, Himachal Pradesh and Jammu and Kashmir–each 3rd time; Karnataka – 2nd time and Maharashtra & Andhra Pradesh – both for the First Time as the Focus State/UT ; Flanders as the Focus Region for the 6th time; Odisha and Telangana Joining with Local Exhibitors led by the respective State Governments; Tata Steel as the Steel Forum Partner; L & T Sufin as the B2B E- Commerce Partner, The event -SUBCON 2024 as Subcontracting Partner, SD Promo Media Pvt Ltd as Networking Sponsor and C.R.I Pumps as Registration Partner, IESS XI was full house.

EEPC India launched a new award scheme on Green Awards to acknowledge the entrepreneurs who have demonstrated an exceptional commitment to environmental stewardship through their operations, thus embracing sustainable manufacturing.

The 3rd edition of EEPC India Quality Awards - 15 winners over 4 categories were announced. The Award Scheme acknowledges companies who have made significant contribution to promoting quality manufacturing".

Additionally, EEPC India released a Publication titled - "A Sustainable Future with Smart Engineering". EEPC India is supporting the Government of India drive of Net Zero Emissions and IESS – the annual event has been chosen to launch the drive with the event theme being #SmartSustainableEngineering and by releasing this Publication on the theme and by organising special discussions/ talks EEPC India,intends to take this further and spread the awareness

More than 24,892 Business Queries valued at USD 36.08 million, 14 MOUs including 9 Bilateral ones, around 60,265 business contacts and presence of over 3695 Indian Exhibitors, 3800 Delegates , 86000 Trade Visitors, define the success of the Biggest Engineering Extravaganza on Indian Soil -IESS

This gradual growth shows, the expansion of size, scale and stature of the event and we foresee it to come up as the biggest engineering event even beyond the boundaries

I thank all the participants and the State /UT government, Flanders Region Government and other Pafrtner for coming forward to make this possible .After 7 years of campaigning Smart Engineering at IESS, it is a noble move by EEPC India to join the World to encourage the Industry to integrate Green Manufacturing with Smart Technology to make the make the world livable and also make it future ready.

Please join the SmartSustainableEngineering drive of IESS as we carry the baton to the XIth edition next year.

See you at XII



(Arun Kumar Garodia)
Chairman, EEPC India

अनुप्रिया पटेल
ANUPRIYA PATEL

सत्यमेव जयते

आज़ादी का अमृत महोत्सव

वाणिज्य एवं उद्योग राज्य मंत्री
भारत सरकार
Minister of State for Commerce & Industry
Government of India

MESSAGE



The Indian engineering sector achieved astounding growth over the last few years driven by increased investments in infrastructure and manufacturing following some much-needed reform measures initiated by the Government led by the Hon'ble Prime Minister, Shri Narendra Modi ji. After a dip in November 2023, India's engineering exports made a strong comeback with a 10.19% increase in December 2023 compared to the previous year. This is good news considering the tough global and local conditions.

India on its quest to become a global superpower has made significant strides towards the development of its engineering sector. However, the slowdown in global trade will inevitably affect Indian exports, and the government has taken important policy measures to improve the resilience of the external sector. The National Logistics Policy would ease domestic frictions and reduce the cost of internal logistics to encourage Indian exports.

On a cumulative basis, engineering exports excluding iron and Steel recorded year-on-year growth during April-December 2023-24 and has achieved 79.5% of the targeted Yearly Engineering Export figure of USD 120 billion in FY24. The forthcoming International Engineering Sourcing Show (IESS) would surely bolster the engineering export figure as it has done before.

I extend my best wishes for successful organisation of the 11th edition of IESS by EEPC India during March 4-6, 2024 in Coimbatore.

(Anupriya Patel)

February 10, 2024
New Delhi

Office : Room No. 509, Vanijya Bhawan, 16-A, Akbar Road, New Delhi-110011; Tel : 011-23039205, 23039206
E-mail : mos-commerce@gov.in

सुनील बड़थ्वाल
SUNIL BARTHWAL

सत्यमेव जयते

आज़ादी का अमृत महोत्सव

वाणिज्य सचिव
भारत सरकार
नई दिल्ली–110011
COMMERCE SECRETARY
GOVERNMENT OF INDIA
NEW DELHI-110011

MESSAGE

I am happy to learn that EEPC India is organizing its 11th edition of the International Engineering Sourcing Show (IESS) from March 4th to 6th, 2024, in Coimbatore.

India's engineering sector stands as a cornerstone of our economy, contributing 25% of total merchandise exports. With an impressive USD 107 billion recorded in engineering exports last fiscal year, and a projected USD 110 billion by 2023-24, the sector continues to drive growth.

With the Government of India setting an ambitious target of reaching US$ 1 trillion in merchandise exports by 2030, the engineering sector has been entrusted with an export goal of US$ 300 billion. It is imperative that EEPC India will continue to play a pivotal role, as it has in the past, to realize this visionary goal.

In this context, events such as IESS hold immense significance in promoting export and fostering international partnerships. On this occasion, I convey my best wishes to EEPC India for the grand success of IESS 2024.

(Sunil Barthwal)

New Delhi
February 17, 2024

Room No. 426, Vanijya Bhawan, Akbar Road, New Delhi-110 011, Tel.: 011-23039251-55 / E-mail : csoffice@nic.in
Website : www.commerce.gov.in

राजेश कुमार सिंह, भा.प्र.से.
Rajesh Kumar Singh, I.A.S.
सचिव
SECRETARY

सत्यमेव जयते

आज़ादी का अमृत महोत्सव

भारत सरकार
उद्योग संवर्धन और आंतरिक व्यापार विभाग
वाणिज्य एवं उद्योग मंत्रालय
GOVERNMENT OF INDIA
DEPTT. FOR PROMOTION OF INDUSTRY
AND INTERNAL TRADE
MINISTRY OF COMMERCE & INDUSTRY

MESSAGE

The Indian engineering sector is one of the fastest-growing and most diverse industrial sectors in the country. The sector's growth has been fuelled by a combination of factors, including the increasing demand for infrastructure development, the rise of manufacturing, and the growth of the services sector.

The Indian government has been taking steps to support the growth of the engineering sector, including providing incentives for foreign investment, establishing specialized industrial zones, and investing in infrastructure development. Moreover, initiatives such as Make in India, Skill India, and Digital India have been launched to further promote the sector's growth and development.

India has become an attractive destination for FDI in recent years, and the FDI inflows have increased by almost 20 times during 2000-01 to 2023-24. Further, India ranked 40th in the World Competitive Index and secured 40th position out of 132 economies in the Global Innovation Index 2023, rising from the 81st position in 2015 to 40th position in 2023.

This is the right time to be in India and shows like International Engineering Sourcing Show (IESS) should be encouraged and held to invite overseas buyers and investors to see and be associated with our manufacturing process.

IESS – a brand in Indian Engineering sector has taken the sector to Global platform.

I wish good luck for the event.

All the best for IESS.

(Rajesh Kumar Singh)

Room No. 223, Vanijya Bhawan, Akbar Road, New Delhi-110 001, Tel.: 23038850, 23038851, E-mail : secy-ipp@nic.in

गिरिधर अरमने
सचिव
Giridhar Aramane
Secretary

सत्यमेव जयते

भारत सरकार
रक्षा मंत्रालय
रक्षा उत्पादन विभाग
Government of India
Ministry of Defence
Department of Defence Production



MESSAGE

Self-reliance in defence has been the cornerstone of India's defence production policy. The call for "Atmanirbhar Bharat" has provided further impetus to realize the goal of self-reliance. Over the years, transparent and streamlined procurement procedures, production policies and "Make in India" initiatives have provided significant stimulus to demand for indigenous products. Indian Defence Industry, which was primarily catering to the needs of the armed forces, has now evolved with diversified product mix and market.

Efforts to achieve 'Aatmanirbharta' in defence surged ahead with renewed thrust, with the country witnessing all-time high Defence production and record Defence exports. The value of defence production in Financial Year 2022-23 crossed the figure of Rs 1 lakh crore for the first time ever. Defence Exports reached an all-time high of approx. Rs. 16000 crore in FY 2022-23. It's a rise of over 10 times since FY 2016-17.

I am sure that EEPC India's annual event International Engineering Sourcing Show from 4th to 6th March at CODISSIA, Coimbatore will provide a platform for Entrepreneur's, Decision Makers, Industry Members and Policy Makers to brainstorm, showcase and forge meaningful partnership for business besides educate the people on appropriate usage of technology to get desired benefits.

I wish the event all success.

(Giridhar Aramane)

Place : New Delhi
Date : 23rd February, 2024

आज़ादी का अमृत महोत्सव

विपुल बंसल, आईएएस
संयुक्त सचिव
VIPUL BANSAL, IAS
Joint Secretary

सत्यमेव जयते

भारत सरकार
वाणिज्य एवं उद्योग मंत्रालय
वाणिज्य विभाग
Government of India
Ministry of Commerce & Industry
Department of Commerce

19th February, 2024

Goodwill Message

I am delighted to learn about EEPC India's initiative, supported by Ministry of Commerce & Industry, in organizing the International Engineering Sourcing Show (IESS) from March 4th to 6th, 2024, in Coimbatore.

Understanding that the primary objective of this esteemed show is to promote India's global image and provide a robust platform for Indian exporters to exhibit their prowess to the world, I am confident that the 11th edition will exceed all expectations.

The inclusion of B2B sessions, thematic seminars, exclusive country and state sessions, vendor development programs, and bilateral forums further underscores the significance of this event in fostering meaningful connections and collaborations within the industry.

Amidst the prevailing geopolitical tensions and economic uncertainties, the timely organization of IESS reflects EEPC India's steadfast dedication to bolstering the exporting community.

I extend my best wishes for the success of IESS 2024 and commend EEPC India for their invaluable contribution to India's engineering sector.

(Vipul Bansal)

Room No. 443, Vanijya Bhawan, Akbar Road, New Delhi-110001, Ph.: 91-11-23039430
E-mail: vipul.bansal@nic.in



Past Chairman and Chairman of the Committee on Trade Promotions, EEPC India

Vanakkam (Hello in Tamil) Kovai

EEPC India Annual event – International Engineering Sourcing Show –will turn eleven on March 4th here at Codissia Trade Fair Complex where it will held over three days March 4-6.

Aimed at reducing dependence on traditional markets, developing internal markets within India, forging partnerships and joint ventures, strengthening commercial relations and accelerating trade between India and its trading partners and providing platform for foreign organisations to showcase their strength and capabilities in a large developing market, IESS has evolved as the exposition of indigenous engineering skills to the world Power packed 13 Knowledge Sessions with speakers representing Team from Saxon State -Germany led by the State Minister; DODP (Department of Defence Production), TIDCO, TATA Steel, Siemens, Jaguar and Land Rover (JLR), National Institute of Design (NID), ONDC, German Agri Machinery Giant-CLAAS,Automation Association -AIA, Indian E Scooter Company – Ather, CMTI – Bangalore CSIR-CRRI; E Mobility Society - SSEM; Display of 149 Engineering merchandise from around 300 Exhibitors, around 10,000 Hosted Trade Visitors and around 300 Overseas Buyers from over 40 nations participating at 700 One on Ones – B2B Meetings make this event an Engineering extravaganza to watch and experience

The visitors and participants comprise a diverse crowd including manufacturers,exporters, importers, buyers, technology providers, and government representatives from the engineering world-

League of Global Sourcing Meets; Vendor Development Meets , A Palette of Intricately designed Pavilions-Country, State, Industry and Technology; and a Deep State Level Association define the success of -IESS

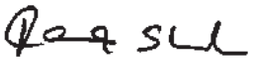
Introducing #SmartSustainableEngineering as the New Theme , IESS XI – the second IESS in Coimbatore and sixth in Tamil Nadu as the Host State , with the support from Department of Commerce, Ministry of Commerce and Industry; Ministry of Heavy Industries; Department of Defence Production, Ministry of Defence; Government of India; Jharkhand -4th time now , West Bengal, Himachal Pradesh and Jammu and

Kashmir–each 3rd time; Karnataka – 2nd time and Maharashtra & Andhra Pradesh – both for the First Time as the Focus State/UT ; Flanders as the Focus Region for the 6th time; Odisha and Telangana Joining with Local Exhibitors led by the respective State Governments; Tata Steel as the Steel Forum Partner; L & T Sufin as the B2B E- Commerce Partner, The event -SUBCON 2024 as Subcontracting Partner, is expecting a full house with Country/State Sessions, Sessions on Manufacturing Start Ups, Tech Talks, Smart Manufacturing Workshops, Exporters Troubleshooting Clinic and much more.

The city of Coimbatore has emerged as the major engineering industrial hub of the country. Known as the textile capital or the Manchester of South , Coimbatore has also built its reputation as the Pump City, contributing significantly to the production of Motors and Pumps in the country. The region known for its traditional entrepreneurship, innovation and Engineering skills has been driving the economic growth of the region. Tamil Nadu's favourable industrial policy, top rank in Engineering Exports as well as Electronics Exports, enhanced trade and investments in different locations, particularly in Coimbatore for manufacturing.

Looking forward to more Business in Coimbatore over the next few days

Enjoy the event and your stay here.



(Rakesh Shah)
Past Chairman and Chairman of the Committee on Trade Promotions



ED's words

I am glad we are back to Coimbatore after the success of IESS IX which was held here four years ago.

This year we have chosen #SmartSustainableEngineering as the theme , reflecting the current convergence of two critical trends in the manufacturing industry of Smart Manufacturing and Sustainable Manufacturing. While Smart manufacturing has been trending for over a decade now, Sustainable manufacturing is a recent focus among engineering fraternity. It aims to minimize the environmental impact of manufacturing at the product cycle, from resource extraction and production to product use and disposal.

Smart and sustainable manufacturing are not mutually exclusive, but rather complementary. Aatmanirbhar Bharat vision is based on the principle of long term sustainable economic development of the economy and manufacturers have to explore innovative ways to become more sustainable. Or we can say, innovations needs to be adopted responsibly.

EEPC India is also supporting the Government of India drive of Net Zero Emissions and we have chosen IESS – our annual event to launch the drive with the event theme and releasing White paper on the theme and organising special discussions/ talks to take this further and spread the awareness.

I would also pen down the importance of our shared responsibility to save ourselves

Let us all make the earth clean by going green

Log on to www.iesshow.in to know details of the event

Please register for all the conference and do visit all our exhibitor stalls

(Suranjan Gupta)
Executive Director, EEPC India

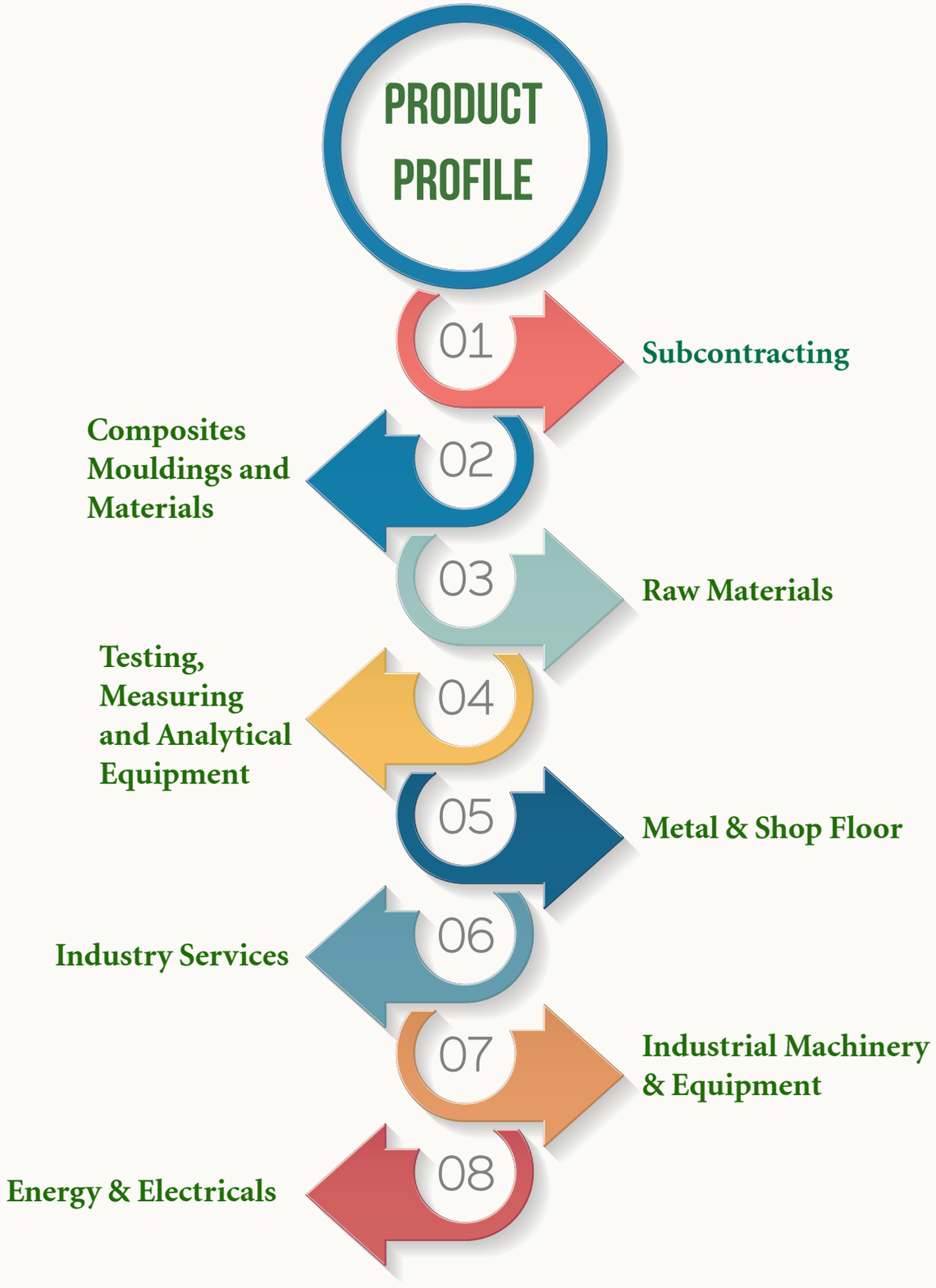


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IESS
International Engineering Sourcing Show
A decade long Journey of Innovation and Collaboration
1
A decade of IESS as an intersection for over 3,400 Indian exhibitors and 86,000+ global visitors
2
Orchestrating over 7,000 precise B2B engagements, fostering enduring international trade relationships
3
150+ seminars and 750+ speakers, symbolizing a melting pot of ideas and innovation.
4
Showcasing 150+ engineering product categories, reflecting India's manufacturing versatility
5
Unique pavilions by countries and states, showcasing the fusion of culture and technology.
6
35 global sourcing meets from 14 countries, illustrating India's commitment to international trade
7
Country-specific and state-specific pavilions, alongside industrial technology organizations, crafting a vibrant exhibition tapestry
8
20 vendor development meets by 26 Indian organizations, catalyzing public-private synergy


PRODUCT PROFILE
01
Subcontracting
02
Composites Mouldings and Materials
03
Raw Materials
04
Testing, Measuring and Analytical Equipment
05
Metal & Shop Floor
06
Industry Services
07
Industrial Machinery & Equipment
08
Energy & Electricals

❶ Subcontracting

1. Forging
2. Casting products
3. Sheet metal forming
4. Machined components
5. Systems/sub-assemblies
6. Latches, locking systems and operating elements
7. Components & parts for Industrial application
8. Semi-finished and finished components (Ferrous & Nonferrous)
9. Sheet metal components
10. Steel & Cast Iron Castings, Steel bars, rods, structures
11. Aluminium, copper and its products
12. Steel Mills equipment and supplies
13. Steel Fittings & Flanges
14. Steel Wires, Coils, Bars, Pipes and Tubes
15. Galvanized Wires, Stainless Steel Wire Mesh
16. Industrial Fastener
17. Industrial Springs, Spring Coils
18. Precision Turned Component
19. Measuring Instruments, Transducers, Meters, Data Recorder, Calibrators
20. Aerospace & Defence products/Accessories

❷ Composites Mouldings and Materials

1. Resin Transfer Moulding (RTM), Injection Moulding, Compression Moulding, Pultrusion
2. Engineering Plastics & Moulded Parts

❸ Raw Materials

1. Material for production of industrial parts in the form of sheets, coils, bars, tubes, wires
2. Enamelled Winding Wires

❹ Testing, Measuring and Analytical Equipment

1. Mechanical and Electrical testing Components
2. Quality control and analytical equipment

❺ Industry Services

1. Software, Job-work, 3D Designing, industrial design, R&D
2. Safety equipment and products, maintenance equipment
3. Engineering Consultancy, Services-Consultancy and Project Management
4. Outsourcing product development
5. Civil & Architectural Engineering
6. Information Technology and ITES



6 Metal & Shop Floor

1. Ferrous & Non-Ferrous
2. Metal Technology
3. Metallurgical Equipment
4. Metal Working Machines & Accessories
5. Industrial boilers and Furnace
6. Sheet Metal Fabrication Machinery & Accessories
7. Machine Tools and Accessories
8. Moulds & Dies Production Machinery & Accessories
9. Welding & Cutting Equipment & Accessories
10. Fasteners & Accessories
11. Hand/Power Tools & Accessories
12. Industrial Automation & Robotics
13. Industrial Electronics
14. Industrial Humidification systems and fans
15. Industrial Cooling Towers, Systems and Heat Exchangers
16. Logistics & Transport Equipment & System
17. Cleaning Equipment & Accessories
18. Industrial Packaging Equipment Machinery & System
19. Plastics & Rubber Processing Machines & Accessories
20. Electroplating and Galvanising
21. Extrusion products
22. Fabrication
23. Machined Parts and Accessories
24. Heat Treatment
25. Hydraulic Systems
26. Hydraulic Press & Hydraulic Cylinder
27. Iron, Steel and its products
28. Non-ferrous Castings
29. Precision Engineering and Turned Components
30. Pumps and Industrial Valves
31. Rolled products

7 Industrial Machinery & Equipment

1. Agriculture & Food Processing
2. Dairy Industry
3. Chemicals & Petrochemicals Industry
4. Construction
5. Heavy Engineering
6. Mining
7. Oil & Gas
8. Wood and Plywood
9. Pollution Control
10. Steel Rolling Mills
11. Tea & Coffee Processing
12. Textile Mills
13. Waste Management
14. Plastic Paper and Rubber
15. Packaging –all types
16. Diesel Engines
17. Hydraulic & Pneumatics Systems
18. Material Handling Equipment & Storage Systems

19. Measuring and Testing Instruments
20. Pumps and Parts
21. Valves and Parts
22. Compressors and Parts
23. Fasteners and Couplings
24. Hoists & Cranes
25. Blowers and Fans
26. Cutting Tools
27. Pipes and Tubes
28. Fittings
29. Furniture and Fixtures
30. Industrial Safety Equipment & Products

8 Energy & Electricals

1. Electric Motors
2. Conductors
3. Electrical Insulation Materials
4. Electrical Cables
5. Stampings
6. Lugs, Cable Rings
7. Control Panels
8. Generators
9. Transformers
10. Panel Boards
11. Other Electric Power Machinery
12. Switchgears
13. Electrical Transmission & Distribution Equipment
14. Industrial and Domestic Batteries
15. Winding Wires
16. Renewable Energy- Wind, Solar, Small Hydrocarbon, Biogas etc.
17. Other Renewable Energy
18. Lights and Fittings
19. Smart Home Appliances
20. Turbines and Parts
21. Metering and Testing Equipment
22. Power Plant Equipment
23. Refrigeration and Air Conditioning
24. Electrical Cables
25. Cable Glands, Cable Accessories
26. Electrical Wires, Lugs, Cable Rings
27. Electrical Power Tools
28. Engine Dynamo meters & Accessories



IESS XI INAUGURATION AND SEMINARS



Some tribal performers' orchestra played at the venue for welcoming delegates.

Annual event – International Engineering Sourcing Show – the global display of India's capability of Metal Based Engineering turned eleven on March 4, 2024 . The show was held till March 6th at Codissia Fair Complex,Coimbatore.

Aimed at reducing dependence on traditional markets, developing internal markets within India, forging partnerships and joint ventures, strengthening commercial relations and accelerating trade between India and its trading partners and providing platform for foreign organisations to look at India for Sustainable Sourcing, IESS has evolved as the exposition of indigenous engineering skills to the world.

This year, EEPC India had chosen #SmartSustainableEngineering as the theme , reflecting the current convergence of two critical trends in the manufacturing industry of Smart Manufacturing and Sustainable



Manufacturing. Starting from the Inauguration and the other branding Collaterals all had the manifestation of the theme.

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What we saw in IESS 2024

1. The 11th edition of the International Engineering Sourcing Show (IESS) held in March 2024 brings some notable changes and evolutions compared to previous editions:

2. Focus on "Smart Sustainable Manufacturing": This year's theme emphasizes the convergence of cutting-edge technologies and environmentally conscious practices within the manufacturing industry. This reflects the growing global focus on sustainability and the need for innovation to achieve it.

3. This years IESS-XI aimed to attract a wider range of overseas buyers and trade buyers compared to previous editions. This validated the event's growing significance as a global platform for engineering sourcing. This edition includes exclusive vendor development programs with leading National and International business entities. Besides focus on niche and emerging opportunity sectors like Defence manufacturing and technology supply chain, Industry Automation and Emobility sector. The overall event is planned to focus on Future-Ready opportunities and emerging trends and technologies that address future challenges and opportunities in the manufacturing sector.



Dignitaries present on the dais (from left to right) Mr. Rakesh Shah, Past Chairman & Chairman, Committee for Trade Promotions, EEPC India; Mr. Aakash Shah, Vice Chairman, EEPC India; Ms. Archana Patnaik, IAS, Secretary, Department of MSME, Government of Tamil Nadu, Chennai; Mr. Arun Kumar Garodia, Chairman, EEPC India; Mr. Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India; Mr. Pankaj Chadha, Sr. Vice Chairman, EEPC India and Mr. Suranjan Gupta, Executive Director, EEPC India.



National Anthem played at the inauguration of the show



Smt. Archana Patnaik, IAS, Secretary, Department of MSME, Government of Tamil Nadu, Chennai lighting the lamp at the inauguration of IESS XI. Shri Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India and Sr Officials from EEPC India, Shri Arun Kumar Garodia, Chairman; Shri Pankaj Chadha, Sr. Vice Chairman; Shri Aakash Shah, Vice Chairman and Shri Rakesh Shah, Past Chairman & Chairman, Committee for Trade Promotions are present.

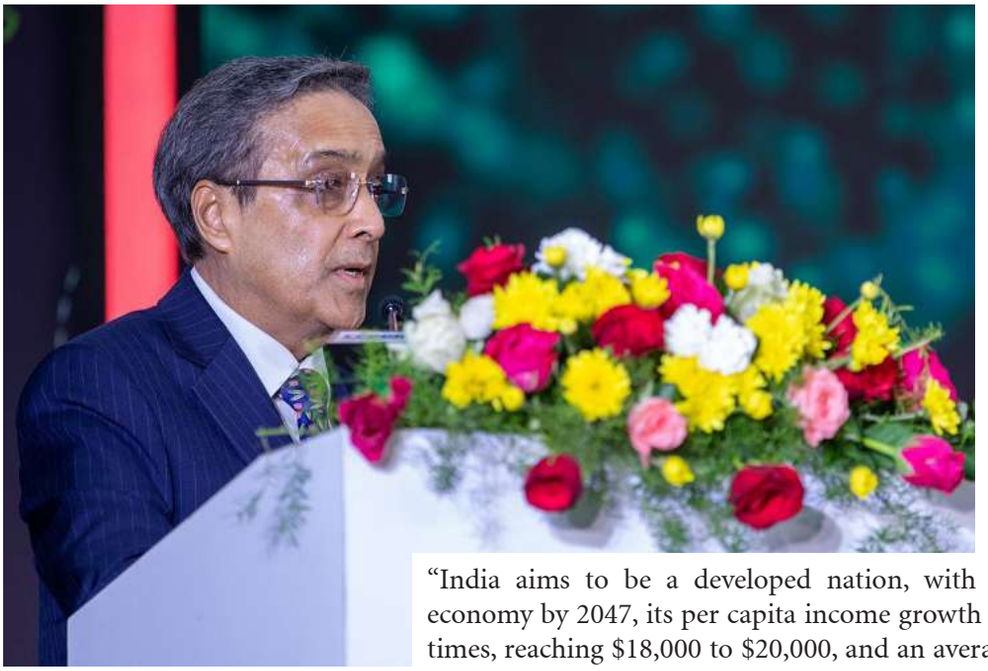


Watering of plants symbolising the theme of IESS XI and the institution of Green Awards: Dr S Chandrasekar, Convenor, Coimbatore Chapter, EEPC India; Mr Pascal Walrave, AMEA FDI team, Flanders Investment & Trade, Flanders, Belgium; Mr Rakesh Shah, Past Chairman and Chairman of the Trade Promotion Commitee, EEPC India; Mr Aakash Shah, Vice Chairman, EEPC India; Ms Archana Patnaik, Secretary, Department of MSME, Government of Tamil Nadu; Mr Arun Kumar. Garodia, Chairman, EEPC India; Mr Vipul Bansal, Joint Secretary, Department of Commerce, Government of India; Mr Pankaj Chadha, Sr Vice Chairman, EEPC India; Mr Suranjan Gupta, Executive Director, EEPC India; Mr Mahesh Desai, Immediate Past Chairman, EEPC India; and Mr Raman Raghu, Regional Chairman (SR), EEPC India



"Over the years, EEPC India's IESS has grown in scale and size. It should now become a marquee event of its kind in the future as it serves as a platform not just for networking, not just as a buyer-seller meet, but also for showcasing the latest innovations in engineering. I am glad to know that many leaders and representatives of the automobile industry are present here. Tamil Nadu accounts for approximately 35% of India's automobile and component production, which is 1/3rd of the entire nation's automobile output. This is a testimony to the industrious spirit and ingenuity of the people of the State," said Tmt. Archana Patnaik in her special address. "We are further implementing schemes and trying to handhold and lead the MSMEs toward streamlining their operations, and production costs and reducing the environmental damages, she added."

A new corporate film on EEPC India was also launched by Tmt. Archana Patnaik. engineering event in the global arena in the days to come!



Welcome address by Shri Arun Kumar Garodia, Chairman, EEPC India.

"India aims to be a developed nation, with a $30 trillion economy by 2047, its per capita income growth by nearly nine times, reaching $18,000 to $20,000, and an average annual real GDP growth rate of 7.6% over the next 25 years. The industrial sector aims to increase its share of GDP from 26% to 35% and India being the fifth largest economy in the world will be the third largest by 2027. To achieve these targets, EEPC India has been relentlessly working for the engineering sector. This 11th Edition of IESS will showcase around 300 Indian exhibitors, around 300 overseas buyers and 10,000 visitors. There would also be around 150 new products on the show," said Mr. Arun Kumar Garodia, Chairman, EEPC India . The theme of this year's Edition is "Smart Sustainable Engineering". Smart Sustainable Engineering is the need of the hour to develop a competitive and sustainable India and forge the way ahead for the Indian engineering industry. This marks our 6th IESS in Tamil Nadu and the second in Coimbatore. We are thankful to the Government of Tamil Nadu for their continued support," he said.

EEPC India launched a new award scheme on Green Awards to acknowledge the entrepreneurs who have demonstrated an exceptional commitment to environmental stewardship through their operations, thus embracing sustainable manufacturing.



Special Address by Shri Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India

"The Department of Commerce and Industry has been working continuously to upgrade most of our interactions with the global supply chain through events like IESS. EEPC India should now work on having events of a global scale meant not only for Indian suppliers but also to showcase our Indian suppliers competing against the best internationally. This is something that we all aspire to and this is a target that has been talked about by the Commerce Minister.India's exports have shown an upward trend in 2021-22. We had $450 billion of merchandise exports with Engineering goods consistently touching 25% this year too despite the worldwide external factors. The Government of India has set a target of $1 trillion worth of merchandise exports and $1 trillion of service exports by the year 2030 which is approximately 12% CAGR per year for manufacturing goods. In the last one year, the Union Government signed two free trade agreements and is working on four more.It shares the drafts of the agreements with the export promotion councils. All the exporters should go through these documents to know the details and leverage on the opportunities that will emerge from these agreements" said, Mr Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India.



Mr. Aakash Shah, Vice Chairman, EEPC India

Mr. Aakash Shah, Vice Chairman, EEPC India spoke on the launch of the EEPC India Green Awards and the goals to achieve. He said, "This initiative represents a commitment to sustainable development and the recognition of those who are making a noteworthy contribution to this cause. In an era where environmental considerations are increasingly becoming integral to business strategies, the introduction of the EEPC India Green Awards seeks to highlight the importance of integrating sustainable practices within the engineering export industry". Launching the Award Logo, he further said "As we reveal the new logo for the EEPC India Green Awards, we are not merely representing a visual identity, but signaling the beginning of a dedicated movement towards environmental responsibility within our sector. This emblem is a symbol of our collective aspiration for a more sustainable, eco-friendly, and green approach to engineering exports. It reflects our commitment to not only recognize excellence in green initiatives but also to inspire a broader adoption of such practices in our community.


EXIT
Indian engineering
SPECIAL ADDRESS
Shri. Vipul Bansal, IAS
Joint Secretary, Department of Commerce
Government of India


EMERGENCY EXIT
FIRE
DELEGATES
DELEGATES



Smt. Archana Patnaik, IAS, Secretary, Department of MSME, Government of Tamil Nadu is being felicitated with a silver plaque by EEPC India Chairman, Shri Arun Kumar Garodia.



Shri Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India is being felicitated with a silver plaque by EEPC India Vice Chairman, Shri Pankaj Chadha.

GREEN AWARDS

EEPC India launched a new award scheme on Green Awards to acknowledge the entrepreneurs who have demonstrated an exceptional commitment to environmental stewardship through their operations, thus embracing sustainable manufacturing.





Quality Awards



3rd edition of EEPC India Quality Awards - 15 winners over 4 categories were announced .

The Award Scheme acknowledges companies who have made significant contribution to promoting quality manufacturing".



Platinum Award
BRAHMOS AEROSPACE PVT LTD
Govt. / PSU / Central Joint Ventures Category



Gold Award
Bharat Earth Movers Ltd. (BEML)
Govt./PSU/Central Joint Ventures Category



Silver Award
BHARAT HEAVY ELECTRICALS LIMITED
Govt./PSU/Central Joint Ventures Category



Platinum Award
LUMINOUS POWER TECHNOLOGIES PVT. LTD.
Large Enterprise Category



Gold Award
RAMKRISHNA FORGINGS LTD.
Large Enterprise Category



Silver Award
SHRIRAM PISTONS & RINGS LTD.
Large Enterprise Categoryt



Certificate of Appreciation
SUPER AUTO FORGE PRIVATE LIMITED
Large Enterprise Category



Platinum Award
JLC ELECTROMET PVT LTD
Medium Category



Gold Award
DISTINCT PRODUCTIVITY SOLUTIONS
Medium Category



Silver Award
CONNECTWELL INDUSTRIES PVT LTD
Medium Category



Certificate of Appreciation
ZAHORANSKY MOULDS AND MACHINES P. LTD.
Medium Category



Platinum Award
KOSTWEIN INDIA COMPANY PRIVATE LIMITED
Small and Micro Category



Gold Award
M S TRANSFORMERS INDIA PVT LTD
Small and Micro Category



Silver Award
POWERCAM ELECTRICALS PVT LTD
Small and Micro Category



Certificate of Appreciation
HAAT INCINERATORS INDIA PVT. LTD.
Small and Micro Category

THE THEME – #SMARTSUSTAINABLEENGINEERING



IESS XI was a three day event over 4-5-6 March at CODISSIA, in Coimbatore advocating #SmartSustainable Engineering as the show theme.

#SmartSustainableEngineering as the theme, reflected the current convergence of two critical trends in the manufacturing industry of Smart Manufacturing and Sustainable Manufacturing. Starting from the Inauguration and the other branding Collaterals all had the manifestation of the theme While Smart manufacturing has been trending for over a decade now, the Sustainable manufacturing is a recent focus among engineering fraternity. It aims to minimize the environmental impact of manufacturing throughout the product lifecycle, from resource extraction and production to product use and disposal.

This theme is immensely significant, and as it was conceived by recognizing that smart and sustainable manufacturing are not mutually exclusive, but rather complementary. Infact Aatmanirbhar Bharat vision is based on principle of long term sustainable economic development of the economy, therefore its important that, manufacturers have to find innovative ways to become more sustainable. Or we can say, innovations needs to be adopted responsibly.

In today's world, manufacturing is dominated by two world "Smart" and "Sustainable". Smart manufacturing points out to the application of Industry 4.0 processes such as additive manufacturing, simulation, augmented reality, etc. These processes bring much advantage to the MSMEs – better and quicker production process and reduced transaction cost. Apart from smart, the manufacturing process also needs to be sustainable. Some of the key aspects of sustainable manufacturing include



Quality assured and Zero defect products



Minimising the environmental impact of the manufacturing process or "Zero Effect"



Innovation in product design by using more recycled products and scraps

In an era marked by unprecedented environmental challenges and an ever-growing demand for resources, the need for smart and sustainable engineering has never been more pressing. This white paper represents a vital step forward in exploring how engineering can be a powerful force for good, shaping a future where progress and environmental responsibility go hand in hand.

Today, the companies across the globe are uniting in their commitment to a more sustainable future. This movement transcends mere regulatory compliance; it represents a fundamental pivot towards sustainability, securing competitive advantage, and meeting the changing expectations of the market. With this view the theme of the XIth edition of International Engineering Sourcing Show in Coimbatore is being organized as Smart Sustainable Engineering.

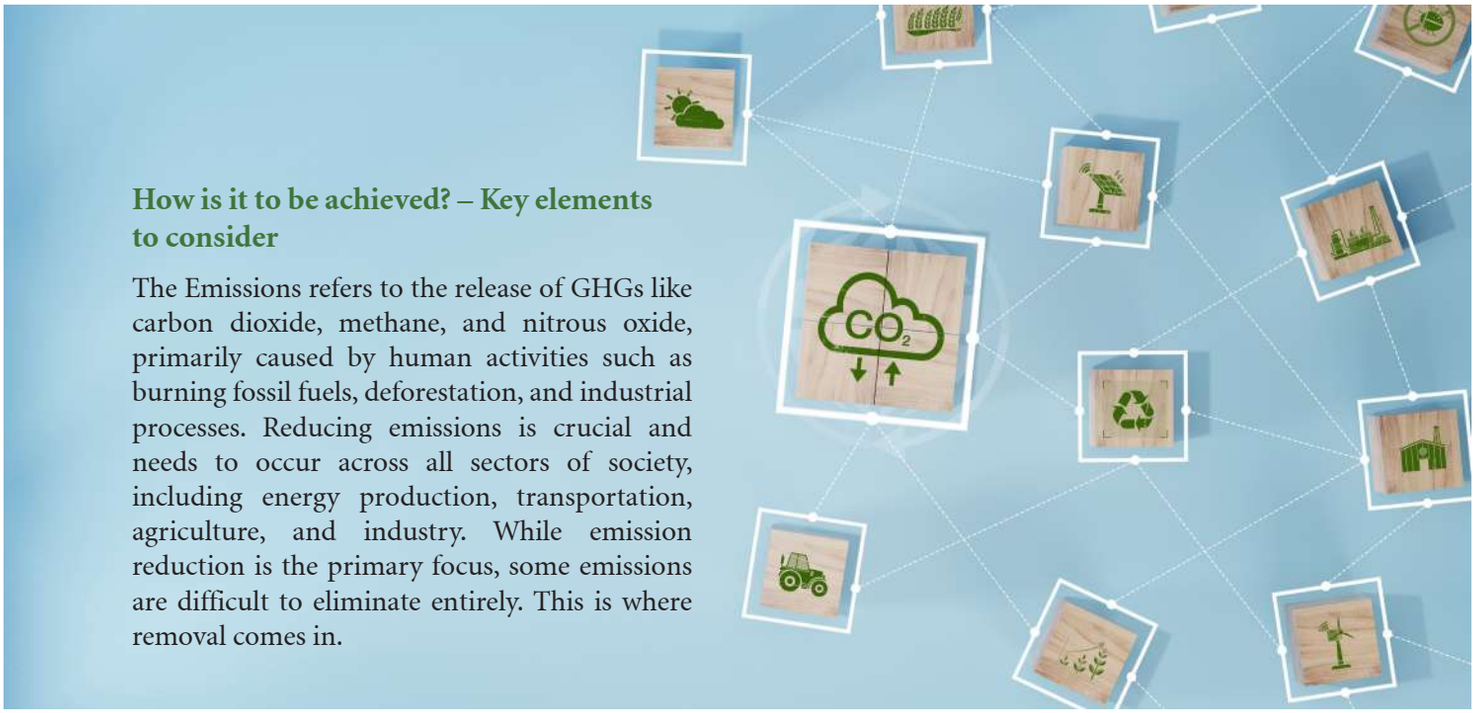
This white paper delves into the exciting possibilities that lie at the intersection of smart manufacturing and sustainable engineering.

Climate science suggests that limiting global warming to 1.5°C or 2°C above pre-industrial levels, as per the Paris Agreement, requires reaching net zero emissions between 2050 and 2070. This is crucial to avoid catastrophic climate change impacts. Climate change is a global challenge, and achieving net-zero requires international cooperation and shared responsibility. Every country and individual has a role to play in this vital endeavour.

What are Net Zero Emissions Target: Why is it necessary to Balancing the Carbon Equation?

A Net Zero emissions target aims to achieve a state where the human-caused greenhouse gas emissions released into the atmosphere are balanced by removing an equivalent amount from it. This means reducing our emissions as close to zero as possible and then utilizing natural or technological solutions to remove any remaining emissions.





How is it to be achieved? – Key elements to consider

The Emissions refers to the release of GHGs like carbon dioxide, methane, and nitrous oxide, primarily caused by human activities such as burning fossil fuels, deforestation, and industrial processes. Reducing emissions is crucial and needs to occur across all sectors of society, including energy production, transportation, agriculture, and industry. While emission reduction is the primary focus, some emissions are difficult to eliminate entirely. This is where removal comes in.

Emission reduction

01 Energy efficiency improvements

02 Switching to renewable energy sources

03 Energy efficiency improvements

04 Adopting cleaner technologies across industries.

Carbon removal

01 Involves technologies like afforestation (planting trees),

02 Bioenergy with carbon capture and storage (BECCS),

03 Direct air capture (DAC) to remove existing emissions from the atmosphere.

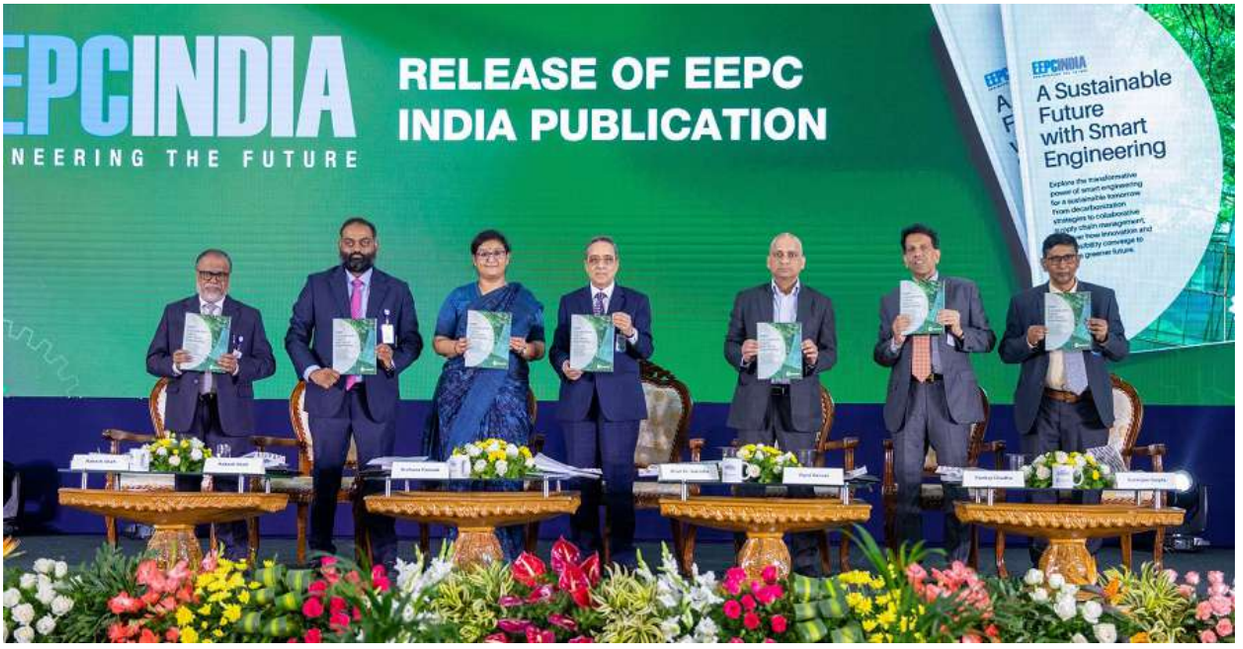


Balance: The ultimate goal

- This is to achieve a state where the amount of GHGs we remove equals the amount we emit, resulting in a net-zero balance. This doesn't guarantee zero impact on the climate system, but it helps stabilize greenhouse gas concentrations and prevent further warming.
- Net Zero is not just about individual actions; it requires collective efforts from individuals, businesses, governments, and international organizations.
- The pathway needs to be just and equitable, ensuring a smooth transition for all communities while addressing potential social and economic impacts.
- Many countries, cities, and companies have set Net Zero targets, but achieving them requires significant acceleration in emission reduction and carbon removal efforts.

Released a Publication

EEPC India released a Publication titled - "A Sustainable Future with Smart Engineering". EEPC India is supporting the Government of India drive of Net Zero Emissions and IESS – the annual event has been chosen to launch the drive with the event theme being #SmartSustainableEngineering and by releasing this Publication on the theme and by organising special discussions/ talks EEPC India,intends to take this further and spread the awareness



Release of EEPC India publication on A Sustainable Future with Smart Engineering. Dignitaries present on the dais (from left to right)- Shri Rakesh Shah, Past Chairman & Chairman, Committee for Trade Promotions, EEPC India; Shri Aakash Shah, Vice Chairman; EEPC India; Smt. Archana Patnaik, IAS, Secretary, Department of MSME, Government of Tamil Nadu, Chennai; Shri Arun Kumar Garodia, Chairman, EEPC India; Shri Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India; Shri Pankaj Chadha, Sr. Vice Chairman, EEPC India and Shri Suranjan Gupta, Executive Director, EEPC India.

THE EVENT WAS MARKED BY POWER PACKED 13 KNOWLEDGE SESSIONS

DAY 1

I -Global Sourcing Meet with Ather Energy Pvt. Ltd.

Ather Energy is one of India's first intelligent electric two-wheeler manufacturers, headquartered in Bangalore. It was founded by two youngsters Tarun Mehta and Swapnil Jain in 2013. It currently manufactures electric scooters named the Ather 450 Apex, Ather 450S, Ather 450X and the Ather 450X Pro. It has two EV manufacturing facilities one in Whitefield, Bangalore and other in Hosur, Tamil Nadu. The facilities are perfect examples of Make in India vision as 90% of the manufacturing of Ather Energy products is localised, including the battery pack which is made by Ather Energy. Ather has installed a comprehensive public charging network, Ather Grid, designed and built in India. With 90+ charging points across India, Ather Grid is one of the largest fast-charging networks for electric vehicles in the country.

The aspiration to position India as a developed nation by 2047 encompasses a significant pivot towards electric vehicles (EV)s and this is the right time to encourage the widespread adoption of electric vehicles in turn accelerating India's transition towards a low-carbon economy.



(Left to right) Ms Pallavi Saha, Jt. Director, EEPC India; Mr Shashi Kiran Lewis, Dy regional Chairman, EEPC India (SR); Mr Harendra Saksena, Chief Procurement Officer, Ather Energy Private Limited; Mr Aakash Shah, Vice Chairman, EEPC India; and Mr Vibhanshu Chaturvedi, Project Coordinator, EEPC India.

II -Session on Inbound & Outbound Investment

India has witnessed sea changes in economic dynamics in the last few years. A series of much needed economic reforms were adopted to make the economy more competitive and more attractive for large scale foreign players across all segments. A number of unique and first-of-its-kind initiatives were launched by the government under the leadership of our Honourable Prime Minister including 'Make in India', 'Digital India' and 'Smart Cities' among others that solidified the position of India as a major partner for trade and a top attraction for investments. After the outbreak of Corona virus in 2020, another brainchild of our Honourable Prime Minister came in the form of 'Atmanirbhar Bharat' in May 2020 with a strong intention to recover socio-economic damages caused by COVID and to create a Roadmap for a self-reliant India. All the measures started yielding fruits with time and significance of India on the global platform increased gradually. According to the 'Global Investment Trends Monitor' by UNCTAD published on 17th January 2024, India remains among the top five global destinations for Greenfield Projects in 2023.

The 'Make in India' scheme was launched in September 2014 with a view to make India a 'global manufacturing hub' by inviting large scale foreign players to invest in 25 strategically important sectors in India and produce and exports from India by using India's improved infrastructure and relatively cheap but shilled human resource. After the scheme was launched in 2014, India's FDI equity inflow more than doubled to around USD 50 billion in 2019-20 from USD 24.2 billion in 2013-14.

'Atmanirbhar Bharat' in 2020 was another milestone for demonstrating India's inherent ability and resilience to withstand sudden global shocks like the Pandemic and raising India's brand value further



Welcome remarks by Mr. Mahesh Desai, Immediate Past Chairman, EEPC India

on global stage. The entire world has witnessed the underlying strength of Indian economy and started considering India as a replacement to China as a commercial partner. India's merchandise exports recorded its all-time high in two consecutive fiscals 2021-22 and 2022-23. FDI equity inflow achieved 17.5% growth further in two years to reach USD 58.8 billion in 2022-23.

Impact of these two first-of-its-kind initiatives on engineering manufacturing was also noteworthy. Engineering exports from India crossed USD 100 billion for the first time in 2021-22 to set a new high at USD 112 billion and no significant decline was conceded in the next two fiscal despite of a number of negative externalities. FDI statistics released by the government showed noticeable increase in FDI equity inflow in several segments of engineering like Automobile, Electrical equipment, Medical and surgical appliances, Agricultural machinery, Earth moving machinery and Boilers and steam generating plants. FDI in engineering and allied sectors as a whole registered a substantial jump in 2021-22.

The rising significance of India in world economic stage has also led to increase in footsteps of Indian companies in outer world in the form of Overseas Direct Investment (ODI). However, the growth was sporadic and again turned flat in the last two fiscals due to global geo-political and economic adversities in some parts of the world.

The driving factors behind India's increasing importance on the global platform were slew of unique measures and initiatives adopted in the last decade or so. Development of infrastructure, tax reform, single window mechanism system for business, conducive interest rates, new policies for several industrial segments, prioritizing MSME development and most importantly, liberalization of FDI policy has earned recognition for India as the most promising trade and investment partner. The incumbent government has announced ambitious plans like making India a USD 5 trillion economy by 2027, USD 2 trillion of exports by 2030 and finally, making India a developed economy by 2047. It is therefore indicative that the government will left no stone unturned to successfully meet up all the targets by keeping the pace of strategic economic reforms intact. The road to future seems wider and smooth for India to uplift its position on the global trade and investment front.

Now, in order to expand its global presence to a significant extent, Indian needs to look beyond South Asia, Europe and North America. Continuous research on diversification of products and exploration of new markets is the need of the hour. In the engineering strategy paper of EEPC India published last year, we have critically analyzed this issue and identified Africa and Latin America as prospective markets for Indian businesses. While existing commercial relations should be intact with our markets of Europe and North America, the policies and strategies should also keep close focus on Africa and Latin American markets in order to strengthen as well as enhance India's global footprint effectively.

The process of economic development in India cannot be completed without active participation of the most vibrant sector of the economy, MSME. Both 'Make in India' and 'Atmanirbhar Bharat' have strong focus on MSMEs with the ultimate goal to make Indian MSMEs at per with their counterparts from developed economies. Both the schemes have special provisions for the promotion of manufacturing MSMEs by giving a thrust to local manufacturing, local markets and local supply-chains. Atmanirbhar Bharat has also made financial reforms for this sector and considered their inherent potential in achieving import substitution and export promotion.

III -Global Sourcing Meet with Jaguar Land Rover (Iconic British Premium car manufacturer)

Jaguar Land Rover Automotive PLC is a multinational company with global capabilities, renowned for not only their iconic luxury vehicles but also for their drive for excellence covering more than premium design and world-class engineering services for the most discerning of customers, sourcing many products from India. The company is steeped in a rich tapestry of timeless designs that resonate with people, creating an emotional attachment that is truly unique on the global stage.

With the introduction to sustainability, the company is going through a paradigm shift towards sourcing sustainable material to help reduce carbon footprint, delivering sustainability-rich, modern luxury vehicles.

As we are aware Coimbatore is fast emerging as a preferred choice with a vibrant industrial sector, not only in Tamil Nadu, but also in the entire South India. The city is also known for its growing strength in areas of automotive technologies, embedded software development and testing, advanced driver assistance systems (ADAS), etc. with the existence of some other big names of the automotive industry.

At the global meet, JLR Company took through their innovative and cutting-edge technologies as a global provider of premium modern luxury automotive, control, processing, flow control and compression systems, as well as project management and after-market service for global requirements and global supply chain.



Team JLR making strides with pride

DAY 2

IV -Session on E mobility

The 11th edition of International Engineering Sourcing Show organized by EEPC India in Coimbatore had a 'Session on E Mobility' by Society for Smart-e Mobility (SSEM) with many expert speakers talking on diverse topics connected to the EV sector.

S.Chandrasekar, Convener, EEPC India - Coimbatore Chapter delivered the welcome remarks. He expressed that the buzz around e- mobility is undeniable. As E- mobility is potentially transforming the entire automotive manufacturing value chain, he said that this session is designed to tell about the electrifying world of e- mobility including latest developments, innovations and evolving regulatory landscapes & their impact on industry and consumer, etc. Nandakumar, Sr. Expert-Vehicle Electrification, Bosch Global Software Technologies shared that there have been many latest innovations in the EV sector to develop the platform, particularly in the energy sector and batteries to name a few.He spoke about the recent developments in battery and battery chemistry such as Sodium Ion based batteries for EVs, and also spoke about latest innovations in battery management and their benefits; for instance, he shared that data recording of critical battery parameters are vital for warranty related purposes. He added that charging technologies such as



Welcome remarks by Dr. S. Chandrasekar, Convener Coimbatore Chapter, EEPC India & Vice President & Trustee, Society for Smart E-Mobility (SSEM) & Corporate Director, Roots Group of Companies (on the podium). On the Dais (left to right)- Dr Rajat Srivastava, Regional Director (WR) & Director (Marketing & Sales); Dr. J Mohana Sundari, Dy. Convener Coimbatore Chapter, EEPC India; Mr. Ananda Arul Prakasam, Technical Manager, Automotive Hexagon; Dr. K Mohansundaram, Executive Committee Member, Society for Smart E-Mobility (SSEM) & HoD, Department of EEE, KPR Institute of Engineering & Technology; Mr. Prasanthkumar Palani, Chief Technical Consultant, Haritha Mobility Solutions; Dr. C S Nandakumar, Sr. Expert-Vehicle Electrification, Bosch Global Software Technologies; and Mrs. T P Sivasankari, Executive Committee Member, SSEM & Founder, AR4 Tech Pvt. Ltd.

wireless/ inductive charging are coming up and they will be more common among autonomous cars. He spoke about Artificial intelligence in electric vehicle technologies. His presentation stated that Artificial intelligence can simulate a human's perceptual & decision making process using deep learning and control actions in the driver control system such as steering and brakes.

Siva Sankari, Founder, AR4 Tech Pvt Ltd., spoke on how converting traditional ICE vehicles into Electric Vehicles can make mass adoption of EV. She explained the standards that need to be followed for this process to the gathering, and the procedures that are required to get the repurposed vehicles certified. She shared that the cost of conversion depends upon the speed, range and payload the customer wants. Prasanthkumar Palani, Chief Technical Consultant, Haritha Mobility Solutions spoke about safety challenges in EVs and the ecosystem. He shared that



Session in progress. Mr. Prasanthkumar Palani, Chief Technical Consultant, Haritha Mobility Solutions (on the Podium) addressing on EV Safety Practices.

Electric vehicles bring up lot of safety challenges as all are coming up with high voltage components. "Any electric vehicle or components above 60 voltage DC, above 30 voltage AC falls under high voltage category, as per ISO standards," he said. So even e-scooter have high voltage components. Hence all stakeholders should take necessary measures to implement safe practices in their environment. He explained about the new amendments in Indian automotive standard on electric vehicles from 2022, Indian regulations and guidelines for EV charging infrastructure, key recommendations for EV infrastructure safety and many crucial safety practices.

Ananda Arul Prakasan, Technical Manager, Automotive Hexagon spoke on EV Design and Architecture.He compare the architecture of a gasoline powered vehicle and electric powered vehicle and said that the weight in electric vehicles would increase if the users want the same kind of power they get in their ICE. He shared about the existing ways to reduce the weight such as optimising the geometry of the vehicle, usage of lightweight materials such as Reinforced Plastic etc, and also explained the challenges that come with them such as increased noise transmission via panels, increased vibration and impact on the comfort and safety. He then went on to list out the various solutions available to address this challenges.

K.Mohansundaram, Executive Committee Member, SSEM said "There is an enormous scope for the transition towards the E-vehicles... The adoption presents numerous benefits such as reduced emissions in transport sector as well as monetary savings for businesses."

V-Opportunities for engineering MSMEs in defence manufacturing & technology supply chain With support from the Ministry of Defence, GoI

Three youngsters from abroad, who came to Noida in search of a dream of enhancing drone technology in 2016, started off as a small company eight years ago, and are now millionaires heading a successful corporation, all thanks to the power of Ministry of Micro, Small and Medium Enterprises (MSME) sector. This was the essence of the session titled 'Opportunities for engineering MSMEs in defence manufacturing and technology supply chain' that was held in Codissia complex on Tuesday as part of the 11th Edition of International Engineering Sourcing Show (IESS) organized by EEPC India.

Delivering the keynote address, Anuraj Bajpai, Additional Secretary, Department of defence production, Ministry of Defence, Government of India (GoI), said that the central government was committed to the cause of the role of MSMEs in the defence industry and was intent on new innovations. "There has been a fresh change in the defence eco-system with new policy reforms. Now both public and private sector hand in hand contribute to the growth of the defence industry and these policies have paved way for a level playing field," he said. The defence sector has requested the help of MSMEs in the production and procurements of several parts and components in an indigenous manner so we can be more self-reliant as a nation," he added. He also pointed out that Rs 300 crores is reserved annually for MSMEs and they get direct feedback from these companies frequently so a continuous police reform can take place. "To make a product viable, there should be a stable market. However, in the case of defence,



Speakers and panelists of the session on
'Opportunities for Engineering MSMEs in Defence Manufacturing".

the GoI is the only buyer making it a very niche market. To alleviate this issue, we are trying to connect the MSMEs to a global supply chain and display their wares on a global platform," he added.

The Government of India is constantly thinking of ways to make buying and selling of defence engineering products easy and is tailoring its acquisition, production and export policies to suit the global needs, said Sanjeev Kumar Joshi, Deputy CEO, Brahmos Aerospace pvt ltd. Adding to the topic, P S Unni Raj, Joint Director, Department of Defence Production, said, "India has one of the largest armed forces in the world and has crossed 2 billion USD in the current financial year. A wide of variety of products are being made by private sectors and more than 100 friendly foreign countries have entrusted their safety and security to India, which is a sure feather on our cap," he said. Defence attaches can facilitate collaborations and joint ventures with other countries and needs can be converted into orders with proper communication and discipline, he added.

Dr Saayan Banerjee, scientist at DRDO, combat vehicles research and development said that indigenization is the theme of the hour and only teamwork can make the nation have a great export potential. "This can become a reality only when MSMEs come together with the defence sector where we constantly encourage them to understand our infrastructure to make better products and also pitch in with research and development," he noted.

MSMEs should keep themselves updated on the various schemes offered by the government of India and utilize its full potential to create world class equipment that meets global standards and challenges. "MSMEs should aim at making themselves self-reliant by equipping themselves with modern resources and leverage technology for our advantage," he concluded. Several dignitaries from various sectors of the defence ministry participated in the conference and contributed their inputs on defence engineering.



VI- Interactive Session with Open Network for Digital Commerce (ONDC)

The Open Network for Digital Commerce (ONDC) is a government-led initiative aimed at promoting a transparent, inclusive, and interoperable digital commerce ecosystem in the economy. Its objectives revolve around enabling access, promoting innovation, and enhancing efficiency in digital commerce operations across various sectors. Thus, increasing e-commerce penetration in the country.

India has been a world leader in demonstrating the successful adoption of digital infrastructures at the population scale, such as UPI, AADHAAR, and more with several key components already in place and operational. The foundational infrastructure, including the open protocol and specifications, has been established, laying the groundwork for its development. Additionally, pilot projects and collaborations with government agencies, industry players, and technology providers have been initiated at various levels, thus refining the functionality and scalability of ONDC. The implementation strategy for ONDC execution has been designed to focus on three key aspects - technology, business, and institution building.

The Indian e-commerce sector is likely to expand in different markets. India's e-retail market is expected to continue its strong growth - it registered a CAGR of over 35% to reach US$ 25.75 billion in FY20. Over the next five years, the Indian e-retail industry is projected to exceed ~300-350 million shoppers, propelling the online Gross Merchandise Value (GMV) to US$ 100-120 billion by 2025.

The Indian MSMEs including the engineering sector has been positively impacted by way of innovative offering financing, technology, and training,



Exciting times ahead with Innovation and transformation promising to be a game changer as assured by the speakers who enthralled the audience with their presentations on the future of e-commerce technology.

with positive effects rippling across other sectors. Currently, India has the largest online shopper base globally after China and USA. However, with growing significance of technological innovations like hyper- local logistics, digital payments, etc., it is expected that India will surpass USA by 2034.

This initiative is further poised to streamline transactions, lower entry barriers for buyers, sellers, technology service providers and most significantly MSMEs. Startups in India has grown as a result of availability of scalable and cost-effective solutions through the open protocol offered by ONDC.

Additionally, the engineering MSMEs will gain access to a larger market, increase export revenues, improve product and service offerings for customers in the long run and resources for their overall growth. While buyers will benefit from a wider choice of products, transparent pricing, and improved access to information, the sellers can reach a larger customer base and operate more efficiently. In a bid to systematise the on boarding process for the MSMEs, ONDC will set protocols for cataloguing, vendor discovery and price discovery, aiming to provide equal opportunities to all marketplace players to make optimum use of the e-commerce ecosystem in the larger interest of the country and its citizens.

The ONDC initiative in India holds immense potential to bring about significant impacts on the economy, manufacturing sector, and society as a whole by catalysing the growth of India's digital economy, empower businesses and consumers and contribute to inclusive growth of the country.

While we have made considerable strides, there remains ample opportunity for further growth and enhancement within its landscape. Continuous efforts in this direction are necessary for addressing the evolving needs of the businesses and consumers across varied sectors. These are crucial in unlocking the full potential of ONDC, thus enable reaping the benefits of this digital revolution on the overall growth of India's businesses.



VII- Awareness programme on 'Steel key to building a sustainable MSME supply chain' (With TATA Steel as the Steel Forum Partner)

CBAM framework by EU may have a never-expected impact on Indian steel exporters

European Union's CBAM could have a strong impact on Indian Steel producers, hence exporters need to keep an eye on this new regulation by EU, opined Adity Ganguly, Head of Product Sustainability, Tata Steel Corporate Sustainability at the awareness program on 'Steel, Key to building a Sustainable MSME supply chain' with TATA Steel as the Steel Forum Partner held at IESS.

Adity shared about the impact of CBAM on Indian Steel producers and consuming industries. She explained that CBAM is short for Carbon Border Adjustment Mechanism. It is a carbon tariff on carbon-intensive products imported to the European Union. She added that this CBAM tariff is currently imposed on 6 materials including steel, aluminium, fertilizers, electricity etc.Adity said that this framework will impact India's steel exports to EU."India is a significant exporter of several goods targeted by CBAM including steel. This means



Mr Binod Kumar Sarda, Deputy Regional Chairman (Eastern Region), EEPC India (on the podium). On the dais (left to right)- Ms Anima Pandey, Regional Director (ER) & Director (Membership), EEPC India; Mr Asutosh Panigrahi, Chief, TSIC & Agile Transformation, Tata Steel Industrial Consulting; Mr Praveen Shrivastava, Chief of Marketing and Sales, Branded Products & Retail – Tata Steel; Mr Pankaj Chadha, Sr Vice Chairman, EEPC India; Mr Saurabh Kundu, Chief Corporate Sustainability, Tata Steel Corporate Sustainability; and Ms. Adity Ganguly, Head Product Sustainability, Tata Steel Corporate Sustainability.

Indian companies will have to adapt to the new regulations to maintain their access to the EU market as the CBAM compliance requirements could pull down the profits of Indian steel exports to the EU by $60-165/MT between CY 2026 and CY2034," Adity mentioned. She also briefed India's stand on CBAM to the gathering.

Saurabh Kundu, Chief - Corporate Sustainability, TATA Steel spoke on the Role of Steel Industry in creating a low carbon and sustainable supply chain. He highlighted the issues faced by the Steel Industry, and emphasized more on the carbon emission issues surrounding it. His presentation mentioned that tremendous pressure is coming from stakeholders especially investors for transitioning to a clean and green pathway.He opined that to decarbonize the steel industry, more use of green electricity in steel, along with close ties and long term supply agreements with power companies are required besides favourable government policies. According to him, if the industry could have more renewable energy, more green steel could be produced.

Praveen Shrivastava, Chief of Marketing and Sales, Branded Products & Retail - TATA Steel, spoke on the topic ' Steel for Enabling the MSME Supply Chain'.He said that prior to the launch of MSME ministry, and initiatives of government and industry, MSME was one of the most underserved sectors in India. More than 50% of India's engineering manufacturing is from MSME sector, and TATA wants to be a Technology partner and Supply-Chain partner with them. He then shared about Tata Steel's DigEca, a digital solutions platform for MSMEs." We serve about 10,000 customers in a month and practically or physically, it is not possible to serve all of them directly. Hence we have come up with a digital platform called DigEca, where customers cannot only lock their orders and see their order's visibility but also use other services such as technology and financial services, working capital support, knowledge sharing sessions etc.," he said.



Asutosh Panigrahi, Chief - Tata Steel Industrial Consulting spoke about the services offered by Tata Steel to the Indian MSMEs.He shared that Tata Steel Industrial Consulting Group was found with the aim to share the knowledge gained by TATA Steel in the last 100 years, and assist the industry grow. It runs across all value chains across multitude of applications. It was conveyed that this consultancy arm of Tata Steel offers the MSMEs technology and best practices support, digital transformation automation support, organisational excellence support, human resource management and research & analysis support besides productivity and cost optimisation, in-process technology support, etc.

VIII- Good Design Seminar & 12th Edition of India Design Mark Awards with National Institute of Design and India Design Council.

12th edition of India Design Mark Awards originally instituted by India Design Council in cooperation with Good Design Award, Japan to recognize good industrial designs was held.

The award winning companies of the 12th edition of the event included: Blue Star, BSH, Wipro Enterprises, Forbes Marshall, Geeken Seating, Godrej & Boyce, Godrej Interio, Havells India, HOF Furniture, House of Kieraya, Whirlpool, Swani Furniture, 21st Century Techno Products, Urban Grey Furniture, and VIP Industries



Mr. Arun Kumar Garodia, Chairman, EEPC India gave away the awards in the presence of Prof Praveen Nahar, Director National Institute of Design, and Member Secretary, India Design Council.

IX- Interactive Session with Saxon State, Federal Republic of Germany

Despite Germany having a traditional mining background and strong industrial history, the vitality and efficiency demonstrated by India, especially Tamil Nadu has been very impressive and shows a lot of potential for bilateral trade in the future, said Dulig Martin, Minister for Economic Aafairs, Labour and Transport, Saxon State.

Speaking at the 11th edition of International Engineering Sourcing Show that was held at the Codissia Complex in Coimbatore on Tuesday, he said, "In the current age of digitization, there are several global challenges and we are forced to forge new partnerships in search of answers for the various geo-political changes that keep occurring frequently." He pointed out that Germany was a country steeped in mining culture where raw materials were mined over centuries opening doors for industrialization and engineering innovations. "Considering that Tamil Nadu is the industrial powerhouse of India, we have turned to TN for successful partnerships and collaborations in the industrial sector," he added.

Adding to the topic, Michaela Kuchler, Consul General of the Federal Republic of Germany to the Republic of India said that more than 30 delegates from Germany are currently in Tamil Nadu to explore opportunities for bilateral trade. "Germany's relationship with India has never been stronger and more strategic for bilateral trade. And out of the 2200 German countries in India, 200 are in Tamil Nadu and contribute to billions of euros worth of bilateral trade every year," she added. Pointing out that Tamil Nadu was the industrial powerhouse of



An interactive session with German delegates on Academia and Industry with the participants.

the country, Kuchler said that the state holds the second place in highest GDP and there is a great display of excellence in the field of academia as well. "Over the years, thousands of students from Tamil Nadu have qualified for scholarships in Germany and have benefitted from it and we are looking forward to strengthening this relationship further in the future," she said.

Thomas Horn, CEO of Saxon Trade and Invest earned a few bouts of laughter from the audience when he pointed out that the topic of the conference which was 'Smart and sustainable engineering' was more apt for the Germans as they have spent decades perfecting the concept. "With Saxon being a major business location and logistics hub, a lot of businesses related to automobile, software and export takes place there and is a perfect partner for industrial collaborations," he said. With 40 per cent of export happening out of Saxon, when our mining background coupled with Tamil Nadu's acumen in engineering, we could together make a formidable team in engineering, he added.

Horn further introduced the members of the Saxon delegation who detailed the excellent work being done in the field of engineering across various sectors. Jonathan Frank, one of the delegates who is the CEO of Enesty in Germany said that anyone in India having a good product and looking to market it globally should consider approaching Germany as it could be a mutually beneficial platform for both countries. "Not only would our collaboration yield innovative technical solutions, it would also allow us to respond quickly and flexibly to create sustainable products," he said.



DAY 3

X - Automation & Smart Manufacturing for MSMEs With support from the Ministry of Heavy Industries, GoI

Industry 4.0 Can Empower MSMEs with Quality Products, Increased Efficiency and Smart Automation

EEPC India with the support of the Ministry of Heavy Industries, Government of India organized a session on Automation and Smart Manufacturing for MSME.

Dr. M. Sundaram, Associate Professor, Department of EEE, PSG College of Technology in his presentation said, "Coimbatore is known for its entrepreneurial prowess as well as for education values. The Center of Excellence (CoE) with the support of the Ministry of Heavy Industry, Government of India was established at PSG Technology to work on Automation and Smart Manufacturing for MSMEs. The first phase implemented in 2016 adopted the nascent automation technology available then. Over the years, the CoE took up conducting training programs for robotic programming, robotic welding, integrated automation, SCADA, power electronics, and motor designs. The second phase, based on the experience of the first one, was all about using open-source software, firmware, and hardware,".

Mr. Gopi Krishna, Scientist-D and Group Head, Precision Machines & Aggregates, Central Manufacturing Technology Institute (CMTI), in his presentation, highlighted the journey of the Industrial Revolution 1.0 from the mid-18th Century to the present Industry 4.0. Expanding on Industry 4.0, he said, " Industry 4.0 is all about utilizing the strength of Industry 3.0, implementing newer technologies to make machines and the shop floor smart, connecting machines via the Internet, remotely monitoring the shop floor and maximizing the use of IoT. These advancements that happened in the IT sector are now being translated into the manufacturing sector resulting in Smart Manufacturing,".



Mr. S. Sunil Kumar, Head, of Applications System and Solutions, Janatics India while also representing the Automation Industry Association (AIA) highlighted on his company Janatics and AIA too. "Today, we are witnessing an increase in the acceptance of products from India as organizations are investing heavily in technologies to improve the productivity and quality of products with the help of automation. To increase productivity and product quality, the necessity of skilled workforce, effective utilization of resources, improve worker safety are what one must work on," he said.

Mr. Abhishek Pandey, Senior Manager, Digital Industry, Siemens Limited in his presentation on Smart Manufacturing said, "50% of the conventional plants manufacturers even today are using standalone systems, with over 30% managing and controlling their data for smart manufacturing. Almost 60% of the organizations are still relying on paper-based communication. How Industry 4.0 can be adopted to reduce these kinds of activities and increase productivity is what we at Siemens offer,".

Mr. Parth Kulkarni, DGM, Automotive Research Association of India (ARAI) in his presentation pointed out, "We need Advanced Driver Assistance Systems (ADAS) functions as it helps in reducing the number of accidents on the road. As per data, 80 % of accidents occur due to driver errors. This could be due to fatigue or negligence. With the use of ADAS, we can substantially reduce accidents or any other safety concerns. Despite the benefits of ADAS, there are challenges in implementing ADAS on Indian roads as the roads are not conducive due to potholes and submerged roads or even due to bad weather conditions, At ARAI, we are trying to build a model that can facilitate these cases with data that has been acquired,".

Mr. Arun Kumar Garodia, Chairman, EEPC India gave the welcome address, and Dr. J. Mohana Sundari Deputy Convener, Coimbatore Chapter, EEPC India delivered the vote of thanks.



On the dais (Left to right)- Dr. J Mohana Sundari, Dy. Convener Coimbatore Chapter, EEPC India; Dr. M. Sundaram, Associate Professor, Department of EEE, PSG College of Technology; Dr. Gopi Krishna, Scientist D & Group Head Precision Machines & Aggregates, Central Manufacturing Technology Institute (CMTI) and Mr. Abhishek Pandey, Sr. Manager- Digital Industry, Siemens Limited.

XI - Vendor Development Meet with Bharat Dynamics Limited (BDL), Bharat Earth Movers Limited (BEML and L&T-SuFin)

Win the Heart of PSUs with Quality, Vendors Told

Coming under the ambit of the Atma Nirbhar mission, the public sector units (PSUs) carry a clear mandate: import as little as possible; export as much as possible, and have the local content as high as possible. This translates into more business opportunities for the private sector, especially the MSMEs. However, getting into the supply chain of the PSUs will be possible only when companies establish their credentials in quality, said higher officials of PSUs who took part in the Session on Vendor Development. The speakers also added that companies looking for orders from the PSUs also have to understand the existing product base, and future products in the pipeline.

Mr. Harshvardhan Dave, DGM, Bharat Dynamics Limited, a PSU famous for its manufacturing Akash short-range surface to air missiles, said that any PSU has to increase its vendor base, maximise indigenisation, support MSMEs, involve startups, and drive innovation, all it is own interest. Like customers and collaborators, industry partners also are key external stakeholders and pillars of the PSU ecosystem. "However, only quality makes an MSME a pre-qualifier to become a part of that ecosystem. Certifications of Quality Management System such as AS 9100D (design, develop or manufacture aviation, space, and defence products), ISO 14001 (Environmental Management System), and ISO 27001 (Information Security) are important for vendors," he said.



Talking about quality preparedness, he said, "Essentially, quality is doing the right thing in the right way. To ensure that it is happening in your factory, you need skilled manpower, trained QA team, good infrastructure, labs and equipment for testing. Besides, expertise in specialised procedure and institutionalisation of established best practices."

Mr. T. N. Srinivasan, DGM, Vendor Development, BEML, India's leading mining & construction equipment manufacturer and Asia's second largest equipment company, said that it is important for the vendors to establish their presence in the digital space. "If you are a manufacturer of a product that is procured by the government, and if you are not on Srijan, GeM or Udyam, then you are missing something huge that is unfolding in front of your own eyes," he said. He pointed out that BEML is using the GeM e-market place increasingly. "We have over 1000 vendors and nearly 60% of them are MSMEs. In terms of value, over 30% of the procurement goes to the MSMEs who are on GeM."

Earlier providing his welcome remarks, Mr. Raman Raghu, Regional Chairman, EEPC India - Southern Region, said that PSUs are foundational pillars for vendor development in any region and sector. He urged the MSMEs to focus on B2B ecommerce platforms for gaining pan India access. Mr. Rajat Srivastava - Regional Director, EEPC India - Western Region, in his opening remarks, pointed out that recent policy directions augur well for the MSMEs. "The public procurement policy mandates the PSUs to procure 25% of the value of their purchase from MSMEs. And a recent Supreme Court ruling directs the PSUs to release the payment to the MSMEs within 45 days of the order delivery."



XII-Global Sourcing Meet with CLAAS (German Agri Machinery Group)

CLAAS India Pvt. Ltd. is a wholly owned subsidiary of CLAAS KGaA, a German multinational with over 100 years of experience in serving the farming community of the world. CLAAS is the world leader in another large product group, self-propelled forage harvesters. CLAAS is also a top performer in world-wide agricultural engineering with tractors, agricultural balers and green harvesting machinery. The CLAAS product portfolio also includes state-of-the-art farming information technology. CLAAS employs more than 12,000 workers worldwide and reported a turnover of 6.1 billion euros in the 2023 financial year.

CLAAS in India, has been instrumental in bringing about the grain harvesting revolution in the country. Class (India Group) recently celebrated its 25 Glorious Years of Harvesting Excellence

The success story in India started with the import of CLAAS DOMINATOR Combine Harvesters in 1980s. In 1991, CLAAS formally entered the Indian market through a joint-venture. Headquartered at Faridabad, CLAAS in India started manufacturing CROP TIGER Combine Harvesters, based on Tangential Axial Flow (TAF) threshing mechanism; designed exclusively to address the challenges being faced by Indian farmers, especially the grain losses due to manual harvesting.



XIII -Utilization of Steel Slag in Road Construction- Waste to Wealth Concept with Dr. Satish Pandey, Principal Scientist, CSIR-CRRI, New Delhi

Transforming Steel Slag Waste into Wealth for Sustainable Road Construction

"We try to search for solutions. When we search for solutions, ideation happens. When we research ideas then development and innovation happen. The solutions manifested in the form of a lot of technological developments have been exhibited here. This session is all about the concept of converting waste into wealth with the CSIR Central Road Research Institute (CRRI) taking the lead said Mr. Basu, EEPC India setting the context for the Session Utilization of Steel Slag in Road Construction – Waste-To-Wealth Concept.

"The convergence of an industry expert, innovator, and thought leader Dr. Satish Pandey and Dr. Manoranjan Parida will deliberate on sustainable solutions for transforming byproduct steel slag into a valuable resource for laying of Indian roads. Wealth to Waste aligns with our commitment to foster environmentally conscious practices. CSIR-CRRI is pioneering the role of using steel slag for the construction of roads, especially in those areas where layering of the road made by the conventional style is a big challenge. Dr. Satish Pandey, Principal Scientist who is present here has been actively involved in the research of suitable aggregates made from raw slag obtained from steel manufacturers. He has experimented and tried various combinations in the different layers of road construction resulting in a significantly higher road bearing capacity. Under the concept of waste to wealth, steel slag considered a byproduct waste from the steel industry is now regarded as an important product to be used in a much beneficial and cost-effective application for our society. In the pursuit of sustainable development, we must explore innovative avenues,"" said Mr. Arun Kumar Garodia, Chairman, EEPC India as a part of his welcome address.

Dr. Professor Manoranjan Parida, Director, CSIR Central Road Research Institute said, "Our Institute has been at the forefront of research for highway development, railways, and airports. CSIR is chaired by our Honorable Prime Minister. There are nine national missions and Waste to Wealth is one of the national missions. One of the activities under this mission is the mandate to make use of various



Welcome remarks by Mr. Arun Kumar Garodia, Chairman, EEPC India.

industrial waste. Steel slag is one of the waste that we have worked upon with tremendous positive results. Steel slag aggregates are a wonderful substitute for the natural minerals which are used for road construction. This can preserve our ecosystem and lead towards a sustainable tomorrow,".

"Around 19.5 million tons of steel slag is generated annually as a solid waste. This will touch 60 million tons by the end of 2030 when one takes into consideration the expected capacity augmentation in different steel plants. It must be noted that for every ton of steel production around 200 to 300 kgs of steel slag is generated as a solid waste. India today has the second largest road network in the world and can even be the number one at the pace we are laying our road network. Every year for the construction and maintenance of this road network nearly 1.2 billion tons of good quality natural aggregates are required. So at this pace, we are consuming our natural resources the utilization of steel slag as a substitute for natural aggregate is a potential avenue for the waste-to-wealth conversion. This also results in reducing our increasing reliance on natural aggregates for road construction and maintenance work," said Mr. Satish Pandey, Principal Scientist, CSIR-CRRI in his presentation.



On the dais (left to right)- Mr Dhruba Jyoti Basu, Director, EEPC India; Dr Satish Pandey, Principal Scientist, CSIR-CRRI, New Delhi; Mr Arun Kumar Garodia, Chairman, EEPC India and Dr Manoranjan Parida, Director, CSIR-CRRI, New Delhi.

ON HOST STATE

Tamil Nadu

Tamil Nadu is the fourth-largest state of India. Located on the southern coast of India, Tamil Nadu is surrounded by Andhra Pradesh on the north, Karnataka and Kerala on the west, Indian Ocean on the south, and Bay of Bengal on the east.

Tamil Nadu has a diversified manufacturing sector and features among the leaders in several industries like automobiles and auto components, engineering, pharmaceuticals, garments, textile products, leather products, chemicals, plastics, etc. It ranks first among the states in terms of the number of factories and industrial workers.

At current prices, Tamil Nadu's gross state domestic product (GSDP) is estimated to be Rs. 28.3 trillion (US$ 342.82 billion) in 2023-24 and increase at a CAGR of 11.66% between 2018-19 and 2023-24.

In 2020-21, the tertiary sector contributed 54.33% to the state's Gross State Value Added (GSVA) at current prices, followed by the secondary sector at 32.72%.

According to Department for Promotion of Industry and Internal Trade (DPIIT), cumulative FDI inflows in the state amounted to US$ 8.50 billion between October 2019-March 2023.

In September 2021, the UAE-based DP World announced an investment of Rs. 2,000 crore (US$ 271.68 million) to establish numerous projects in Tamil Nadu. These projects include a container terminal, cold storage and seafood processing zone, free trade zone with an integrated rail siding, minor



port in the Eastern Coast of Tamil Nadu and inland container depots in Erode, Karur and Tiruppur.

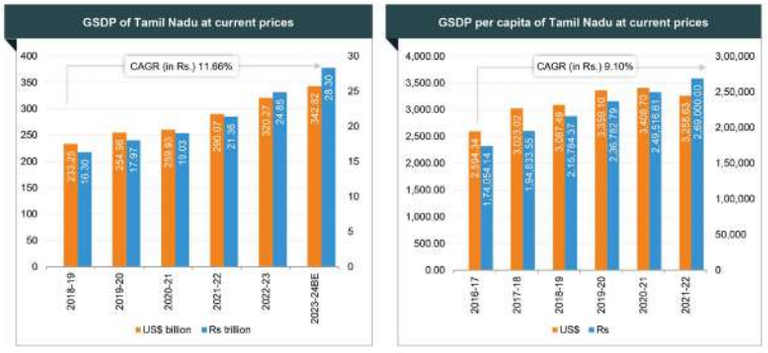
In July 2021, Tamil Nadu exchanged 35 memorandums of understanding (MoUs) with a cumulative investment of Rs. 17,141 crore (US$ 2.33 billion) and employment opportunities for 55,054 people. These investments are in the fields of power plants, electronics, auto components, industrial parks, IT/ITeS services, food processing, footwear, pharmaceuticals, and textiles.

Between the second quarter and third quarter of FY21, the state received new investments of ~Rs. 61,000 crore (US$ 8.3 billion). Of this, some key private investments included Rs. 4,629 crore (US$ 631 million) solar photovoltaic modules project by SunEdison Energy India; Rs. 2,500 crore (US$ 341 million) lithium-ion batteries project in Tiruvallur by Lucas-TVS, and a Rs. 2,300 crore (US$ 314 million) plant being set up by Daimler India Commercial Vehicles at Oragadam.

Total merchandise exports from the state stood at US$ 35.17 billion in FY22.

Tamil Nadu has a well-developed infrastructure with an excellent road and rail network, three major ports, 15 minor ports, and eight airports across the state providing excellent connectivity. As of April 2023, the state had a total installed power generation capacity of 37.6 GW.

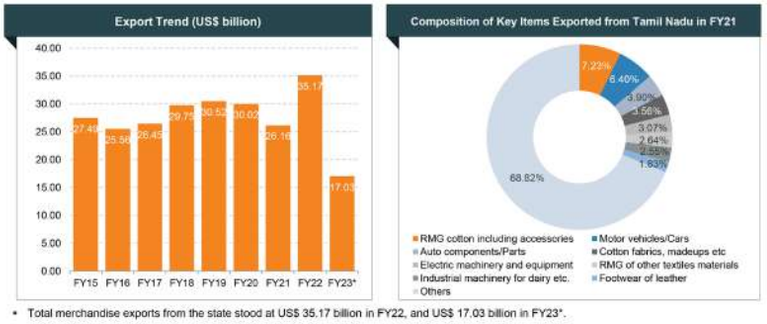
Economic snapshot – GSDP



- At current prices, Tamil Nadu's gross state domestic product (GSDP) is estimated to be Rs. 28.3 trillion (US$ 342.82 billion) in 2023-24.
- The state's GSDP to increase at a CAGR of 11.66% between 2018-19 and 2023-24.
- The state's per capita GSDP was Rs. 2.69 lakh (US$ 3,258.63) in 2021-22.
- Per capita GSDP increased at a CAGR of 9.10% between 2016-17 and 2021-22.

Note: BE-Budget Estimate
Source: Ministry of Statistics and Programme Implementation

Economic snapshot – Exports



- Total merchandise exports from the state stood at US$ 35.17 billion in FY22, and US$ 17.03 billion in FY23*.
- The state exported key items such as RMG cotton including accessories, motor vehicles, auto components/parts, cotton fabrics, electric machinery and equipment.
- The state ranked fourth in NITI Aayog's 'Export Preparedness Index 2021', which assesses states on parameters such as policy, business ecosystem, export ecosystem and quantum of exports.
- The Tamil Nadu government will soon announce an 'Export Strategy Policy' with an aim to make the state the largest exporter in the country.

*Note: RMG - Ready Made Garments, * - Until August 2022*
Source: Directorate General of Commercial Intelligence and Statistics

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ANDHRA PRADESH AT IESS XI-FIRST TIME

Andhra Pradesh is the 8th largest state in India accounting for 4% of the total population. Along its 974 km long coastline the state has developed four major ports and are planning to develop four more ports. The state also has 6 operational airports making it one of the most well-connected states of India. Between 2015-16 and 2023-24, the state's GDP increased at a CAGR of 11.6% and stood at USD 175.75 billion. The state also attracts substantial investment from abroad and has been ranked among the top 15 states in terms of FDI inflow. Between October 2019 and June 2023, FDI inflows in Andhra Pradesh stood at US$ 850.38 million.

In terms of merchandise exports, Andhra Pradesh stands at 6th position among all India states with a share of around 4.6% and exports totaling to USD 16 billion approximately between April 2023 and January 2024. During the same period, its engineering exports stood at USD 3.90 billion. Engineering exports constitute almost 25% of Andhra Pradesh's total merchandise exports. Over the years the state



has established strong presence in various sectors including agro and food processing, textiles, chemicals & petrochemicals, pharmaceuticals, metallurgy, electronics and electrical engineering sectors.

Andhra Pradesh's industrial development in the recent years have been influenced by the state's Industrial Policy (2020-23). The policy has put forward various initiatives in favour of the industrial sectors in the state including engineering, automotive and auto-components, food processing, IT and ITES, etc. The APIIC or Andhra Pradesh Industrial Infrastructure Corporation which is the nodal agency for all industrial infrastructure projects has allotted 1164 acre of industrial land for various industries. One National Industrial Manufacturing Zone (NIMZ) has been planned at Prakasam district as integrated Industrial Township with state-of-the-art infrastructure.

The state is also well connected with rest of India and the world. The Chennai Bangalore Industrial Corridor runs through Andhra Pradesh many high impact market driven nodes are planned in the state. The Vishakhapatnam-Chennai Industrial corridor hosts three industrial nodes at Vizag, Chittoor and Kopparthy. The state also hosts one of the major sea ports in India at Vishakhapatnam and three international and three domestic airports.

All these factors are expected to significantly fuel the growth of industries in the state. Development of infrastructure is expected to generate export capabilities among the industries. The state's industrial stakeholders need more opportunities for export and IESS is a very important platform which offers these scopes to the engineering industry.







Gowthami Pumps and Valves



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MAHARASHTRA AT IESS XI- FIRST TIME

Maharashtra (Marathi: [məhaːraːʂʈrə]) is a state in the western peninsular region of India occupying a substantial portion of the Deccan Plateau. It is bordered by the Arabian Sea to the west, the Indian states of Karnataka and Goa to the south, Telangana to the southeast and Chhattisgarh to the east, Gujarat and Madhya Pradesh to the north, and the Indian union territory of Dadra and Nagar Haveli and Daman and Diu to the northwest.[17] Maharashtra is the second-most populous state in India and the fourth-most populous country subdivision globally.

The state is divided into 6 divisions and 36 districts, with the state capital being Mumbai, the most populous urban area in India, and Nagpur serving as the winter capital.[18] The Godavari and Krishna are the two major rivers in the state and forests cover 16.47 per cent of the state's geographical area.



The state is home to six UNESCO World Heritage Sites: Ajanta Caves, Ellora Caves, Elephanta Caves, Chhatrapati Shivaji Terminus (formerly Victoria Terminus), The Victorian Gothic and Art Deco Ensembles of Mumbai and The Western Ghats, a heritage site made up of 39 individual properties of which 4 are in Maharashtra.[19][20] The State is the single largest contributor to India's economy with a share of 14 per cent in all-India nominal GDP.[21][22][23] The economy of Maharashtra is the largest in India, with a gross state domestic product (GSDP) of ₹35.27 trillion (US$440 billion) and GSDP per capita of ₹242,247 (US$3,000).The service sector dominates the state's economy, accounting for 69.3 per cent of the value of the output of the country. Although agriculture accounts for 12 per cent of the state GDP, it employs nearly half the population of the state.

Maharashtra is one of the most industrialised states in India. The state's capital, Mumbai, is India's financial and commercial capital.[24] India's largest stock exchange Bombay Stock Exchange, the oldest in Asia, is located in the city, as is National Stock Exchange, which is the second largest stock exchange in India and one of world's largest derivatives exchanges. The state has played a significant role in the country's social and political life and is widely considered a leader in terms of agricultural and industrial production, trade and transport, and education.[25] Maharashtra is the ninth-highest ranking among Indian states in the human development index.[26]

The region that encompasses the state has a history going back many millennia. Notable dynasties that ruled the region include the Asmakas, the Mauryas, the Satavahanas, the Western Satraps, the Abhiras, the Vakatakas, the Chalukyas, the Rashtrakutas, the Western Chalukyas, the Seuna Yadavas, the Khaljis, the Tughlaqs, the Bahamanis and the Mughals. In the early nineteenth century, the region was divided between the Dominions of the Peshwa in the Maratha Confederacy and the Nizamate of Hyderabad. After two wars and the proclamation of the Indian Empire, the region became a part of the Bombay Province, the Berar Province and the Central Provinces of India under direct British rule and the Deccan States Agency under Crown suzerainty. Between 1950 and 1956, the Bombay Province became the Bombay State in the Indian Union, and Berar, the Deccan states and the Gujarat states were merged into the Bombay State. On 1 May 1960, the State of Bombay was bifurcated into the State of Maharasthra and State of Gujarat after a long struggle for special state for Marathi language speaking people through Samyukta Maharashtra Movement (transl. United Maharashtra movement).

Etymology

The modern Marathi language evolved from the Maharashtri Prakrit,[27] and the word Marhatta (later used for the Marathas) is found in the Jain Maharashtrian literature. The term Maharashtra (Marathi:□□□□□□□□□□) along with Maharashtrian, Marathi, and Maratha may have derived from the same root. However, their exact etymology is uncertain.[28]

The most widely accepted theory among the linguistic scholars is that the words Maratha and Maharashtra ultimately derived from a combination of Mah□ (Marathi:□□□) and R□shtrik□ (Marathi: □□□□□□□□□□),[28][29] the name of a tribe or dynasty of chiefs ruling in the Deccan region.[30] An alternate theory states that the term is derived from mah□ ("great") and ratha/rathi ("chariot"/"charioteer"), which refers to a skilful northern fighting force that migrated southward into the area.

In the Harivamsa, the Yadava kingdom called Anaratta is described as mostly inhabited by the Abhiras (Abhira-praya-manusyam). The Anartta country and its inhabitants were called Surastra and the Saurastras, probably after the Rattas (Rastras) akin to the Rastrikas of Asoka's rock Edicts, now known as Maharastra and the Marattas.

An alternative theory states that the term derives from the word mahā ("great") and rāshtra ("nation/dominion"). However, this theory is somewhat controversial among modern scholars who believe it

to be the Sanskritised interpretation of later writers.

History

History of Maharashtra, Maratha Empire, and Samyukta Maharashtra Movement Late Harappa figure from Daimabad hoard, Indus Valley civilisation 2nd century BCE Karla Caves are a group of Buddhist caves near Lonavala.

Numerous Late Harappan or Chalcolithic sites belonging to the Jorwe culture (c.1300–700 BCE) have been discovered throughout the state.The largest settlement discovered of the culture is at Daimabad, which had a mud fortification during this period, as well as an elliptical temple with fire pits.In the Late Harappan period there was a large migration of people from Gujarat to northern Maharashtra.

Maharashtra was ruled by Maurya Empire in the fourth and third centuries BCE. Around 230 BCE, Maharashtra came under the rule of the Satavahana dynasty which ruled it for the next 400 years.[38] The rule of Satavahana dynasty was followed by that of Western Satraps, Gupta Empire, Gurjara-Pratihara, Vakataka, Kadambas, Chalukya Empire, Rashtrakuta Dynasty, and Western Chalukya and the Yadava Dynasty. The Buddhist Ajanta Caves in present-day Aurangabad display influences from the Satavahana and Vakataka styles. The caves were possibly excavated during this period.



Late Harappa figure from Daimabad hoard, Indus Valley civilisation

The Chalukya dynasty ruled the region from the sixth to the eighth centuries CE, and the two prominent rulers were Pulakeshin II, who defeated the north Indian Emperor Harsha, and Vikramaditya II, who defeated the Arab invaders in the eighth century. The Rashtrakuta dynasty ruled Maharashtra from the eighth to the tenth century. The Arab traveller Sulaiman al Mahri described the ruler of the Rashtrakuta dynasty Amoghavarsha as "one of the four great kings of the world".Shilahara dynasty began as vassals of the Rashtrakuta dynasty which ruled the Deccan plateau between the eighth and tenth centuries. From the early 11th century to the 12th century, the Deccan Plateau, which includes a significant part of Maharashtra, was dominated by the Western Chalukya Empire and the Chola dynasty.[42] Several battles were fought between the Western Chalukya Empire and the Chola dynasty in the Deccan Plateau during the reigns of Raja Raja Chola I, Rajendra Chola I, Jayasimha II, Someshvara I, and Vikramaditya VI.

In the early 14th century, the Yadava dynasty, which ruled most of present-day Maharashtra, was overthrown by the Delhi Sultanate ruler Alauddin Khalji. Later, Muhammad bin Tughluq conquered parts of the Deccan, and temporarily shifted his capital from Delhi to Daulatabad in Maharashtra. After the collapse of the Tughluqs in 1347, the local Bahmani Sultanate of Gulbarga took over, governing the region for the next 150 years. After the break-up of the Bahamani sultanate in 1518, Maharashtra split into five Deccan Sultanates: Nizamshah of Ahmednagar, Adilshah of Bijapur, Qutubshah of Golkonda, Bidarshah of Bidar and Imadshah of Elichpur. These kingdoms often fought with each other. United, they decisively defeated the Vijayanagara Empire of the south in 1565. The present area of Mumbai was ruled by the Sultanate of Gujarat before its capture by Portugal in 1535 and the Faruqi dynasty ruled the Khandesh region between 1382 and 1601 before finally getting annexed in the Mughal Empire. Malik Ambar, the regent of the

Nizamshahi dynasty of Ahmednagar from 1607 to 1626, increased the strength and power of Murtaza Nizam Shah II and raised a large army.Ambar is said to have introduced the concept of guerrilla warfare in the Deccan region. Malik Ambar assisted Mughal emperor Shah Jahan in Delhi against his stepmother, Nur Jahan, who wanted to enthrone her son-in-law.Both Shivaji's grandfather, Maloji and father Shahaji served under Ambar.

Bibi Ka Maqbara, a replica of the Taj Mahal, was built during the reign of Mughal Emperor Aurangzeb Statue of Shivaji opposite Gateway of India in South Mumbai

In the early 17th century, Shahaji Bhosale, an ambitious local general who had served the Ahmadnagar Sultanate, the Mughals and Adil Shah of Bijapur at different periods throughout his career, attempted to establish his independent rule. This attempt was unsuccessful, but his son Shivaji succeeded in establishing the Maratha Empire. Shortly after Shivaji's death in 1680, the Mughal emperor Aurangzeb launched a campaign to conquer Maratha territories as well as the Adilshahi and Govalkonda kingdoms.This campaign, better known as Mughal–Maratha Wars, was a strategic defeat for Mughals. Aurangzeb failed to fully conquer Maratha territories, and this campaign had a ruinous effect on Mughal Treasury and Army. Shortly after Aurangzeb's death in 1707, Marathas under Peshwa Bajirao I and the generals that he had promoted such as Ranoji Shinde and Malharrao Holkar started conquering Mughal Territories in the north and western India, and by 1750s they or their successors had confined the Mughals to city of Delhi.[55] In the east the Bhonsale family of Nagpur expanded Maratha control all the way to Bengal. At its peak, the Maratha empire covered much of the subcontinent, encompassing a territory of over 2.8 million km2. The Marathas are credited to a large extent for ending the Mughal rule in India.

After their defeat at the hand of Ahmad Shah Abdali's Afghan forces in the Third Battle of Panipat in 1761, the Maratha suffered a setback. However, they soon reclaimed the lost territories and ruled central and north India including Delhi until the end of the eighteenth century. The Marathas also developed a potent Navy circa in the 1660s, which at its peak under the command of Kanhoji Angre, dominated the territorial waters of the western coast of India from Mumbai to Savantwadi.[64] It resisted the British, Portuguese, Dutch, and Siddi naval ships and kept a check on their naval ambitions. Charles Metcalfe, British Civil servant and later Acting Governor-General, said in 1806

India contains no more than two great powers, British and Maratha, and every other state acknowledges the influence of one or the other. Every inch that we recede will be occupied by them.

The British East India Company slowly expanded areas under its rule during the 18th century. The Third Anglo-Maratha War (1817–1818) led to the end of the Maratha Empire and the East India Company took over the empire.The Maratha Navy dominated till around the 1730s, was in a state of decline by the 1770s and ceased to exist by 1818.

The Bombay-Poona Mail Train of the GIPR company in 1907.

The British governed western Maharashtra as part of the Bombay Presidency, which spanned an area from Karachi in Pakistan to northern Deccan. A number of the Maratha states persisted as princely states, retaining autonomy in return for acknowledging British suzerainty. The largest princely states in the territory were Nagpur, Satara and Kolhapur State; Satara was annexed to the Bombay Presidency in 1848, and Nagpur was annexed in 1853 to become Nagpur Province, later part of the Central Provinces. Berar, which had been part of the Nizam of Hyderabad's kingdom, was occupied by the British in 1853 and annexed to the Central Provinces in 1903.However, a large region called Marathwada remained part of the Nizam's Hyderabad State throughout the British period. The British ruled Maharashtra region from 1818 to 1947 and influenced every aspect of life for the

people of the region. They brought several changes to the legal system,built modern means of transport including roadsand Railways, took various steps to provide mass education, including that for previously marginalised classes and women,established universities based on western system and imparting education in science, technology,and western medicine,standardised the Marathi language,and introduced mass media by utilising modern printing technologies.The 1857 war of independence had many Marathi leaders, though the battles mainly took place in northern India. The modern struggle for independence started taking shape in the late 1800s with leaders such as Bal Gangadhar Tilak, Justice Mahadev Govind Ranade, Gopal Krishna Gokhale, Pherozeshah Mehta and Dadabhai Naoroji evaluating the company rule and its consequences. Jyotirao Phule was the pioneer of social reform in the Maharashtra region in the second half of the 19th century. His social work was continued by Shahu, Raja of Kolhapur and later by B. R. Ambedkar. After the partial autonomy given to the states by the Government of India Act 1935, B. G. Kher became the first Chief Minister of the Congress party-led Government of tri-lingual Bombay Presidency.[86] The ultimatum to the British during the Quit India Movement was given in Mumbai and culminated in the transfer of power and independence in 1947.

After Indian independence, princely states and Jagirs of the Deccan States Agency were merged into Bombay State, which was created from the former Bombay Presidency in 1950. In 1956, the States Reorganisation Act reorganised the Indian states along linguistic lines, and Bombay Presidency State was enlarged by the addition of the predominantly Marathi-speaking regions of Marathwada (Aurangabad Division) from erstwhile Hyderabad state and Vidarbha region from the Central Provinces and Berar. The southernmost part of Bombay State was ceded to Mysore. In the 1950s, Marathi people strongly protested against bilingual Bombay state under the banner of Samyukta Maharashtra Samiti.[88][89] The notable leaders of the samiti included Keshavrao Jedhe, S.M. Joshi, Shripad Amrit Dange, Pralhad Keshav Atre and Gopalrao Khedkar. The key demand of the samiti called for a Marathi speaking state with Mumbai as its capital. In the Gujarati speaking areas of the state, a similar Mahagujarat Movement demanded a separate Gujarat state comprising majority Gujarati areas. After many years of protests, which saw 106 deaths amongst the protestors, and electoral success of the samiti in 1957 elections, the central government led by Prime minister Nehru split Bombay State into two new states of Maharashtra and Gujarat on 1 May 1960.

The state continues to have a dispute with Karnataka regarding the region of Belgaum and Karwar. The Government of Maharashtra was unhappy with the border demarcation of 1957 and filed a petition to the Ministry of Home affairs of India.[94] Maharashtra claimed 814 villages, and 3 urban settlements of Belagon, Karwar and Nippani, all part of then Bombay Presidency before freedom of the country.A petition by Maharashtra in the Supreme Court of India, staking a claim over Belagon, is currently pending.

Geography

Maharashtra with a total area of 307,713 km2 (118,809 sq mi), is the third-largest state by area in terms of land area and constitutes 9.36 per cent of India's total geographical area. The State lies between 15°35' N to 22°02' N latitude and 72°36' E to 80°54' E longitude. It occupies the western and central part of the country and has a coastline stretching 840 kilometres along the Arabian Sea. The dominant physical feature of the state is its plateau character, which is separated from the Konkan coastline by the mountain range of the Western Ghats, which runs parallel to the coast from north to south. The Western Ghats, also known as the Sahyadri Range, has an average elevation of 1,200 metres (4,000 ft); its slopes gently descending towards the east and southeast. The Western Ghats (or the Sahyadri Mountain range) provide a physical barrier to the state on the west, while the Satpura Hills along the north and Bhamragad-Chiroli-Gaikhuri ranges on the east serve as its natural borders. This state's

expansion from North to South is 720 km and East to West is 800 km. To the west of these hills lie the Konkan coastal plains, 50–80 kilometres in width. To the east of the Ghats lies the flat Deccan Plateau. The main rivers of the state are the Krishna, and its tributary, Bhima, the Godavari, and its main tributaries, Manjara, and Wardha-Wainganga and the Tapi, and its tributary Purna.Maharashtra is divided into five geographic regions. Konkan is the western coastal region, between the Western Ghats and the sea.Khandesh is the north region lying in the valley of the Tapti, Purna river.Nashik, Malegaon Jalgaon, Dhule and Bhusawal are the major cities of this region.Desh is in the centre of the state.Marathwada, which was a part of the princely state of Hyderabad until 1956, is located in the southeastern part of the state. Aurangabad and Nanded are the main cities of the region.Vidarbha is the easternmost region of the state, formerly part of the Central Provinces and Berar.

The state has limited area under irrigation, low natural fertility of soils, and large areas prone to recurrent drought. Due to this the agricultural productivity of Maharashtra is generally low as compared to the national averages of various crops. Maharashtra has been divided in to nine agro-climatic zones on the basis of annual rainfall soil types, vegetation and cropping pattern.

Climate

Maharashtra experiences a tropical wet and dry climate with hot, rainy, and cold weather seasons. Some areas more inland experience a hot semi arid climate, due to a rain shadow effect caused by the Western Ghats. The month of March marks the beginning of the summer and the temperature rises steadily until June. In the central plains, summer temperatures rise to between 40 °C or 104.0 °F and 45 °C or 113.0 °F. May is usually the warmest and January the coldest month of the year. The winter season lasts until February with lower temperatures occurring in December and January. On the Deccan plateau that lies on eastern side of the Sahyadri mountains, the climate is drier, however, dew and hail often occur, depending on seasonal weather.

The rainfall patterns in the state vary by the topography of different regions. The state can be divided into four meteorological regions, namely coastal Konkan, Western Maharashtra, Marathwada, and Vidarbha.The southwest monsoon usually arrives in the last week of June and lasts till mid-September. Pre-monsoon showers begin towards the middle of June and post-monsoon rains occasionally occur in October. The highest average monthly rainfall is during July and August. In the winter season, there may be a little rainfall associated with western winds over the region. The Konkan coastal area, west of the Sahyadri Mountains receives very heavy monsoon rains with an annual average of more than 3,000 mm. However, just 150 km to the east, in the rain shadow of the mountain range, only 500–700 mm/year will fall, and long dry spells leading to drought are a common occurrence. Maharashtra has many of the 99 Indian districts identified by the Indian Central water commission as prone to drought.The average annual rainfall in the state is 1,181 mm and 75 per cent of it is received during the southwest monsoon from June–to September. However, under the influence of the Bay of Bengal, eastern Vidarbha receives good rainfall in July, August, and September. Thane, Raigad, Ratnagiri, and Sindhudurg districts receive heavy rains of an average of 2,000 to 2,500 mm or 80 to 100 in and the hill stations of Matheran and Mahabaleshwar over 5,000 mm or 200 in. Contrariwise, the rain shadow districts of Nashik, Pune, Ahmednagar, Dhule, Jalgaon, Satara, Sangli, Solapur, and parts of Kolhapur receive less than 1,000 mm or 40 in annually. In winter, a cool dry spell occurs, with clear skies, gentle air breeze, and pleasant weather that prevails from October to February, although the eastern Vidarbha region receives rainfall from the north-east monsoon.

Maharashtra Pavilion



Avison Industries

Quality Tools and Equipments



Government of Maharashtra Pavilion

KARNATAKA AT IESS XI- SECOND TIME

Karnataka (/kərˈnɑːtəkə/; ISO: Karnāṭaka, Kannada: [kɐrˈnaːʈɐkɐ]), also known colloquially as Karunāḍu, is a state in the southwestern region of India. It was formed as Mysore State on 1 November 1956, with the passage of the States Reorganisation Act, and renamed Karnataka in 1973. The state was part of the Carnatic region in British terminology. Its capital and largest city is Bengaluru (Bangalore).

Karnataka is bordered by the Lakshadweep Sea to the west, Goa to the northwest, Maharashtra to the north, Telangana to the northeast, Andhra Pradesh to the east, Tamil Nadu to the southeast, and Kerala to the southwest. It is the only southern state to have land borders with all of the other four southern Indian sister states. The state covers an area of 191,791 km2 (74,051 sq mi), or 5.83 per cent of the total geographical area of India.[13] It is the sixth-largest Indian state by area.[13] With 61,130,704 inhabitants at the 2011 census, Karnataka is the eighth-largest state by population, comprising 31 districts. Kannada, one of the classical languages of India, is the most widely spoken and official language of the state. Other minority languages spoken include Urdu, Konkani, Marathi, Tulu, Tamil, Telugu, Malayalam, Kodava and Beary. Karnataka also contains some of the only villages in India where



Sanskrit is primarily spoken.

Though several etymologies have been suggested for the name Karnataka, the generally accepted one is that Karnataka is derived from the Kannada words karu and nādu, meaning "elevated land". Karu Nadu may also be read as karu, meaning "black" and nadu, meaning "region", as a reference to the black cotton soil found in the Bayalu Seeme region of the state. The British used the word Carnatic, sometimes Karnatak, to describe both sides of peninsular India, south of the Krishna.

With an antiquity that dates to the paleolithic, Karnataka has been home to some of the most powerful empires of ancient and medieval India. The philosophers and musical bards patronised by these empires launched socio-religious and literary movements which have endured to the present day. Karnataka has contributed significantly to both forms of Indian classical music, the Carnatic and Hindustani traditions.

The economy of Karnataka is the fifth-largest of any Indian state with ₹20.5 trillion (US$260 billion) in gross domestic product and a per capita GDP of ₹305,000 (US$3,800). Karnataka has the fifteenth-highest ranking among Indian states in Human Development Index.

History

Mallikarjuna temple and Kashi Vishwanatha temple at Pattadakal, built successively by the kings of the Chalukya Empire and Rashtrakuta Empire, is a UNESCO World Heritage Site.

Karnataka's pre-history goes back to a paleolithic hand-axe culture evidenced by discoveries of, among other things, hand axes and cleavers in the region.[18] Evidence of neolithic and megalithic cultures have also been found in the state. Gold discovered in Harappa was found to be imported from mines in Karnataka, prompting scholars to hypothesise about contacts between ancient Karnataka and the Indus Valley civilisation c. 3300 BCE.

Prior to the third century BCE, most of Karnataka formed part of the Nanda Empire before coming under the Mauryan empire of Emperor Ashoka. Four centuries of Satavahana rule followed, allowing them to control large areas of Karnataka. The decline of Satavahana power led to the rise of the earliest native kingdoms, the Kadambas and the Western Gangas, marking the region's emergence as an independent political entity. The Kadamba Dynasty, founded by Mayurasharma, had its capital at Banavasi;the Western Ganga Dynasty was formed with Talakad as its capital.

These were also the first kingdoms to use Kannada in administration, as evidenced by the Halmidi inscription and a fifth-century copper coin discovered at Banavasi.These dynasties were followed by imperial Kannada empires such as the Badami Chalukyas,the Rashtrakuta Empire of Manyakhetaand the Western Chalukya Empire,which ruled over large parts of the Deccan and had their capitals in what is now Karnataka. The Western Chalukyas patronised a unique style of architecture and Kannada literature which became a precursor to the Hoysala art of the 12th century.Parts of modern-day Southern Karnataka (Gangavadi) were occupied by the Chola Empire at the turn of the 11th century. The Cholas and the Hoysalas fought over the region in the early 12th century before it eventually came under Hoysala rule.

At the turn of the first millennium, the Hoysalas gained power in the region. Literature flourished during this time, which led to the emergence of distinctive Kannada literary metres, and the construction of temples and sculptures adhering to the Vesara style of architecture.The expansion of the Hoysala Empire brought minor parts of modern Andhra Pradesh and Tamil Nadu under its rule. In the early 14th century, Harihara and Bukka Raya established the Vijayanagara empire with its capital, Hosapattana (later named Vijayanagara), on the banks of the Tungabhadra River in the modern Bellary district. Under the rule of Krishnadevaraya, a distinct form of literature and architecture evolved. The empire rose as a bulwark against Muslim

advances into South India, which it completely controlled for over two centuries.In 1537, Kempe Gowda I, a chieftain of the Vijayanagara Empire, widely held as the founder of modern Bangalore, built a fort and established the area around it as Bengaluru Pete.

In 1565, Karnataka and the rest of South India experienced a major geopolitical shift when the Vijayanagara empire fell to a confederation of Islamic sultanates in the Battle of Talikota.The Bijapur Sultanate, which had risen after the demise of the Bahmani Sultanate of Bidar, soon took control of the Deccan; it was defeated by the Moghuls in the late 17th century. The Bahmani and Bijapur rulers encouraged Urdu and Persian literature and Indo-Saracenic architecture, the Gol Gumbaz being one of the high points of this style.During the sixteenth century, Konkani Hindus migrated to Karnataka, mostly from Salcette, Goa,while during the seventeenth and eighteenth century, Goan Catholics migrated to North Canara and South Canara, especially from Bardes, Goa, as a result of food shortages, epidemics and heavy taxation imposed by the Portuguese.

In the period that followed, parts of northern Karnataka were ruled by the Nizam of Hyderabad, the Maratha Empire, the British, and other powers. In the south, the Mysore Kingdom, a former vassal of the Vijayanagara Empire, was briefly independent. With the death of Krishnaraja Wodeyar II, Haidar Ali, the commander-in-chief of the Mysore army, gained control of the region. After his death, the kingdom was inherited by his son Tipu Sultan.To contain European expansion in South India, Haidar Ali and later Tipu Sultan fought four significant Anglo-Mysore Wars, the last of which resulted in Tippu Sultan's death and the incorporation of Mysore into British India in 1799.Mysore was restored to the Wodeyars, and the Kingdom of Mysore became a princely state outside but in a subsidiary alliance with British India.

Chief Minister Devaraj Urs announcing the new name of the Mysore state as 'Karnataka'

As the "doctrine of lapse" gave way to dissent and resistance from princely states across the country, Kittur Chennamma, Queen of Kittur, her military leader Sangolli Rayanna, and others, spearheaded rebellions in part of what is now Karnataka in 1830, nearly three decades before the Indian Rebellion of 1857. However, Kitturu was taken over by the British East India Company even before the doctrine was officially articulated by Lord Dalhousie in 1848.Other uprisings followed, such as the ones at Supa, Bagalkot, Shorapur, Nargund and Dandeli. These rebellions—which coincided with the Indian Rebellion of 1857—were led by Mundargi Bhimarao, Bhaskar Rao Bhave, the Halagali Bedas, Raja Venkatappa Nayaka and others. By the late 19th century, the independence movement had gained momentum; Karnad Sadashiva Rao, Aluru Venkata Raya, S. Nijalingappa, Kengal Hanumanthaiah, Nittoor Srinivasa Rau and others carried on the struggle into the early 20th century.

After the independence of British India, the Maharaja, Jayachamarajendra Wodeyar, signed an instrument of accession to accede his state to the new India. In 1950, Mysore became an Indian state of the same name; the former Maharaja served as its Rajpramukh (head of state) until 1975. Following the long-standing demand of the Ekikarana Movement, Kodagu- and Kannada-speaking regions from the adjoining states of Madras, Hyderabad and Bombay were incorporated into the Mysore state, under the States Reorganisation Act of 1956. The thus expanded state was renamed Karnataka, seventeen years later, on 1 November 1973.In the early 1900s through the post-independence era, industrial visionaries such as Sir Mokshagundam Visvesvarayya, played an important role in the development of Karnataka's strong manufacturing and industrial base.

Karnataka Pavilion







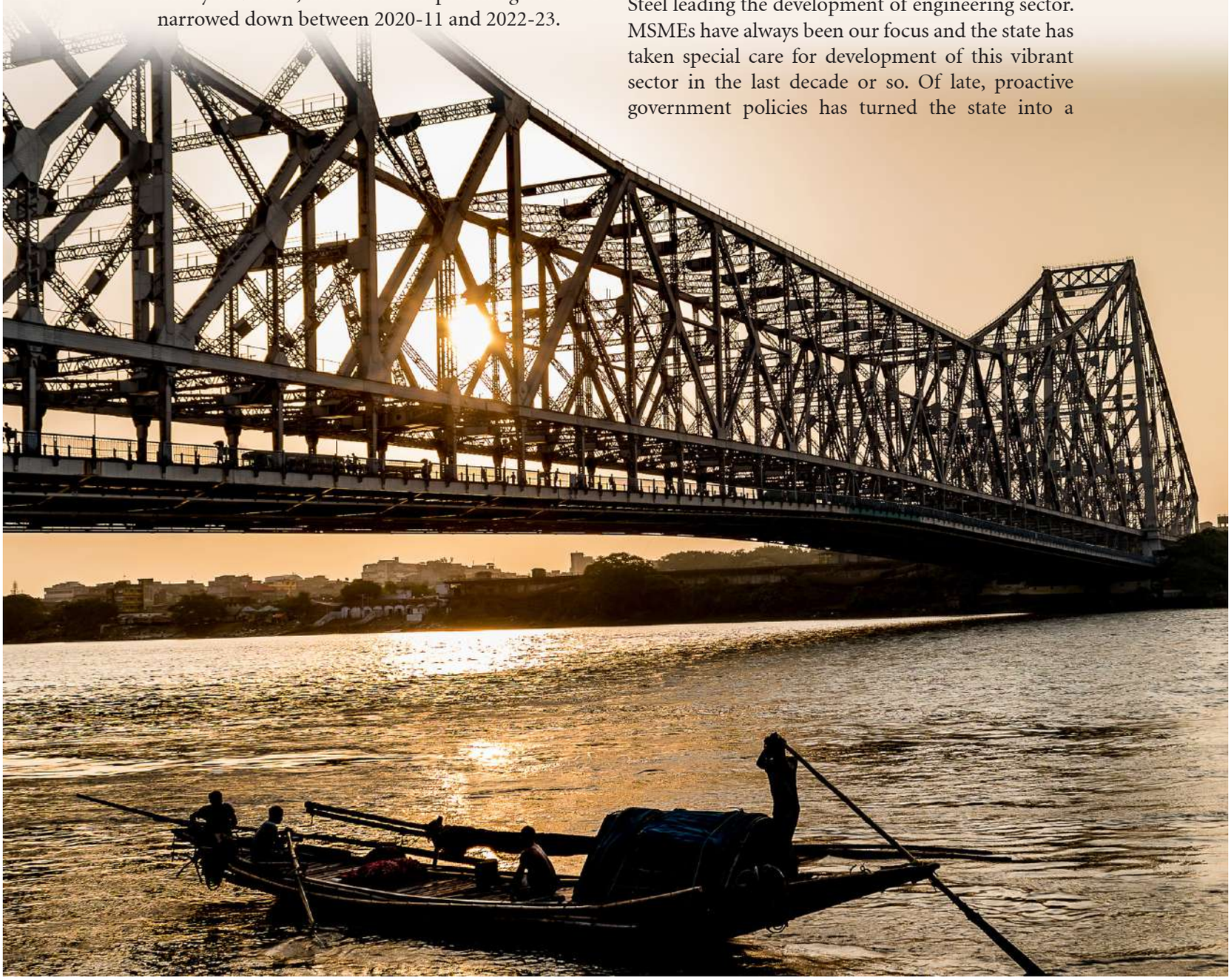
Karnataka receiving Award for Best Pavilion in State category

WEST BENGAL AT IESS XI- THIRD TIME

In a country with federal structure, states and UTs have a key role to play in the socio-economic development of the entire nation and West Bengal has been at its best to shoulder its supportive role since the last decade or so. As a consequence of consistent strategic focus of the state on sound economic planning and fiscal discipline, Gross State Domestic Product (GSDP) at current price have grown nearly four times to Rs. 17.1 lakh crore in 2023-24 as per the advanced estimates from Rs. 4.6 lakh crore in 2010-11, State's own tax revenue has also increased nearly four-fold, and debt as a percentage of GDP narrowed down between 2020-11 and 2022-23.

Merchandise exports from West Bengal surged by over 8.5 times between 2017-18 and 2021-22 to reach USD 13.8 billion and engineering exports during this time period has grown more than five times to USD 4.2 billion. Global geo-political and economic adversities however pulled down exports in the last two fiscal but that has been in line with the global trend.

West Bengal has a rich history of engineering legacy. It has been home to a number of large scale engineering units with major Steel giants IISCO, DSP and Busan Steel leading the development of engineering sector. MSMEs have always been our focus and the state has taken special care for development of this vibrant sector in the last decade or so. Of late, proactive government policies has turned the state into a



favourable business destination of India. Bengal Global Business Summit, a unique initiative of the state government from 2015 has ensured a host of new investments from leading indegeneous and global businesses.

Industrial sector of West Bengal is now a prominent one in the country with an estimated growth rate of 7.26% of the manufacturing sector. The incumbent government, through its premier nodal agency of West Bengal's Industry, West Bengal Industrial Development Corporation Ltd. (WBIDC) has redefined the industrial scenario of West Bengal with a series of fresh and much needed policies to modernize industrial activities of Bengal. Considerable progress has been made towards 'Ease of Doing Business' in order to make the state the most attractive investment destination of India for Indian and foreign players. The 7th edition of our annual flagship programme BGBS in 2023 was attended by over 400 International delegates from around 40 countries and 17 partner countries across continents.

With an aim to enhance exports from this state to a significant level, The West Bengal Export Promotion Policy 2023 was introduced to lay down the vision of the State Government to develop the State as the 'Global Trading Hub of India' by creating State of the Art trading infrastructure driving exports. In addition, introduction of new logistic policy, policy on industrial corridor and policy on Renewable Energy in 2023 are all set to make sea changes in industrial status of West Bengal.



HIMACHAL PRADESH AT IESS XI- THIRD TIME

In the heart of the country's dynamic engineering sector lies Himachal Pradesh, where the landscape has undergone significant transformation in recent years by enhancing domestic production through sustained efforts and collaboration. This evolution has been instrumental in the overall growth of the Indian engineering industry, positioning the state not only as a successful model for hill area development but also having realised development in the manufacturing sector.

Merchandise exports from Himachal Pradesh significantly surged to cross USD 2 billion in 2022-23 and engineering exports during this time have also grown to reach USD 0.13 billion. Exports were affected by global geopolitical and economic challenges in the last two fiscal years, aligning with broader global trends.



Himachal Pradesh stands as a beacon of opportunity with its strategic geographical location and conducive business environment, coupled with supportive policies and incentives announced by the State Government in its Industrial Policy. This highlights the state's contribution as a key player in India's journey towards becoming a leading global supplier of engineering goods

The industrial sector is an integral pillar of the country's economic growth. Himachal Pradesh has made significant achievements in the field of industrialisation in the past few years, particularly in sectors like pharmaceuticals, engineering goods, information technology, etc. Pollution-free environment, abundant availability of power and rapidly developing infrastructure, peaceful atmosphere, and responsive and transparent administration are some of the added attractions and advantages that entrepreneurs get in Himachal Pradesh.

Export plays an important role in the State's economy and drives the growth engine. More than 50 Industrial areas and estates for industrial development have been established to transform the State economy from a supply-constrained to a competitive export-led economy. The State has a presence of 25 plus global corporations and more than 30,000 MSMEs generating employment for more than 2 lakh persons. The state is significantly contributing 17% to the State Domestic Product.

Through the implementation of an innovative mix of policies by the State Government, a conducive export ecosystem has been developed and enthusiastic participation from entrepreneurs helped the State to achieve its present status as one of the 'rising industrial States' in the country. Himachal Pradesh has been acknowledged as one of the preferred investment destinations in the country, offering immense investment opportunities across sectors.






Himachal Pradesh
Pavilion
H2-K10 VISHWAKARMA ENGINEERING
H2-K08 VISHWAKARMA INDUSTRIES

Jammu and Kashmir at IESS XI- Third Time

Jammu and Kashmir is a region administered by India as a union territoryand consists of the southern portion of the larger Kashmir region, which has been the subject of a dispute between India and Pakistan since 1947 and between India and China since 1959. The Line of Control separates Jammu and Kashmir from the Pakistani-administered territories of Azad Kashmir and Gilgit-Baltistan in the west and north. It lies to the north of the Indian states of Himachal Pradesh and Punjab and to the west of Ladakh which is administered by India as a union territory.

Provisions for the formation of the union territory of Jammu and Kashmir were contained within the Jammu and Kashmir Reorganisation Act, 2019, which was passed by both houses of the Parliament of India in August 2019. The act re-constituted the former state of Jammu and Kashmir into two union territories, one being Jammu and Kashmir and the other being Ladakh, with effect from 31 October 2019.



Terminology

Jammu and Kashmir is named after the two regions it encompasses – the Jammu region and the Kashmir Valley. As per Government of India, Kashmir region encompasses the region under Indian control and the territory under Pakistan control known as "Pakistan-occupied Kashmir" (POK).While Pakistan considers the Indian controlled territory as a part of "Indian-occupied Kashmir" (IOK) or "Indian-held Kashmir" (IHK),neutral sources use "Indian-administered Kashmir"/"Pakistan-administered Kashmir" and "Indian-controlled Kashmir"/"Pakistan-controlled Kashmir" to demarcate the areas.

History

The state of Jammu and Kashmir was accorded special status by Article 370 of the Constitution of India. In contrast to other states of India, Jammu and Kashmir had its own constitution, flag, and administrative autonomy.Indian citizens from other states were not allowed to purchase land or property in Jammu and Kashmir.

Jammu and Kashmir had three distinct areas: Hindu-majority Jammu region, Muslim-majority Kashmir Valley, and Buddhist-dominated Ladakh. Unrest and violence persisted in the Kashmiri Valley and, following a disputed state election in 1987, an insurgency persisted in protest over autonomy and rights.

The Bharatiya Janata Party (BJP) came to power in the 2014 Indian general election and five years later included in their 2019 election manifesto the revocation of Article 370 of the Constitution of India, in order to bring Jammu and Kashmir to equal status with other states.

A resolution to repeal Article 370 was passed by both the houses of the Parliament of India in August 2019. At the same time, a reorganisation act was also passed, which would reconstitute the state into two union territories, Jammu and Kashmir and Ladakh. The reorganisation took effect from 31 October 2019.

In September 2019, nearly 4,000 people, including two former Chief Ministers and hundreds of other politicians, were arrested by the Indian authorities in Kashmir;[29] the state was put under a lockdown and communication and internet services were suspended.

Transport

Air

Srinagar Airport, Srinagar

Jammu and Kashmir has two major airports at the two capitals of the territory: Jammu Airport at Jammu and Srinagar Airport at Srinagar, which is also the only international airport in the territory. These airports have regular flights to Delhi, Mumbai, Bangalore, Chandigarh and other major cities of the country.

Railway

Srinagar railway station Jammu-Srinagar National Highway

The under-construction Jammu-Baramulla line of the Northern Railways is the only railway line in the territory. Once complete, the line will connect the two regions of Jammu and Kashmir and will also provide a rail link to the Kashmir valley from other parts of the country.

Road

The Jammu-Srinagar National Highway, a segment of the NH44, is the main highway in the territory connecting the two capitals by road. National Highways 1, 144, 144A, 444, 501, 701 and 701A are the other NHs in the territory.

Government and politics

Main articles: Government of Jammu and Kashmir, Chief Minister of Jammu and Kashmir, and Jammu and Kashmir Legislative Assembly

The union territory of Jammu and Kashmir is administered under the provisions of Article 239 of the Constitution of India. Article 239A, originally

formulated for the union territory of Puduchery, is also applicable to Jammu and Kashmir.

Executive branch

The President of India appoints a Lieutenant Governor for the union territory.

A Council of Ministers led by a Chief Minister is appointed by the Lieutenant Governor from the membership of the legislative assembly. Their role is to advise the Lieutenant Governor in the exercise of functions in matters under the jurisdiction of the legislative assembly. In other matters, the Lieutenant Governor is empowered to act in his own capacity.

Legislative branch

The legislative branch of government is a unicameral legislative assembly, whose tenure is five years. The legislative assembly may make laws for any of the matters in the State List of the Constitution of India except "public order" and "police", which will remain the preserve of the central Government of India. The Lieutenant Governor also has the power to promulgate ordinances which have the same force as the acts of the legislative assembly.

Elections for the Jammu and Kashmir Legislative Assembly are to be held to be expected in 2024 along with general election.

Judicial branch

The Jammu and Kashmir High Court on postal stamps of India.

The union territory is under the jurisdiction of the Jammu and Kashmir High Court, which also serves as the high court for Ladakh. Police services are provided by the Jammu and Kashmir Police.



CLOSING CEREMONY OF THE EXHIBITION

The event closed with rewarding the Pavilions for their designs . Karnataka Pavilion fetched the State awards, Mazagon Dock Shipbuilders Ltd.- under PSU , Roots under Large; Vinir Engineering Pvt. Ltd. under Medium and Jayashree Electron Pvt Ltd under Small Category

A sample of feedback from Exhibitors revealed 15,000 Business Contacts were made where 13,000 were fresh Business Contacts averaging 50 Contacts per exhibitor. 85% rated the Expo as excellent and 10% as good and almost all wanted to revisit the Expo.



On the closing day of the show, EEPC India Sr. Officials attended the debriefing session. On the dais (left to right)- Shri Suranjan Gupta, Executive Director; Shri Aakash Shah, Vice Chairman; Shri Arun Kumar Garodia, Chairman; Shri Raman Raghu, Regional Chairman (SR); Dr. S. Chandrasekar, Convener, Coimbatore Chapter and Shri Adhip Mitra, Addl. Executive Director & Secretary.



Memento of State Category Award amongst Indian Exhibitors and Certificate presented by EEPC India Chairman, Shri Arun Kumar Garodia to Government of Karnataka. EEPC India Regional Chairman (SR), Shri Raman Raghu (third from right); Convener, Coimbatore Chapter, Dr. S. Chandrasekar (second from right); Vice Chairman, Shri Aakash Shah (second from left); Executive Director, Shri Suranjan Gupta and Addl. Executive Director & Secretary, Shri Adhip Mitra (far right) are present on the dais.



EEPC India Chairman, Shri Arun Kumar Garodia felicitated with a statue of Swami Vivekananda to Shri Suranjan Gupta, Executive Director. EEPC India Sr. Officials Shri Aakash Shah, Vice Chairman (second from left); Shri Adhip Mitra, Addl. Executive Director & Secretary (far right); Shri Raman Raghu, Regional Chairman (SR) (second from right) and Dr. S Chandrasekar, Convener, Coimbatore Chapter (far left) are present.



EEPC India Chairman, Shri Arun Kumar Garodia felicitated with a memento to Dr. S Chandrasekar, Convener, Coimbatore Chapter. Shri Aakash Shah, Vice Chairman (far left); and Shri Raman Raghu, Regional Chairman (SR) (far right) are present.



Team EEPC celebrates the golden moment of achieving the trophy for their outstanding dedication and effort at Bharat Mobility Global Expo 2024.



Team EEPC after the grand success of IESS XI.

FLANDERS – FOCUS REGION

The Flemish Region of Belgium (or Flanders) is a Dutch-speaking area in the country's north, and one of 3 Belgian regions. The national capital, Brussels, considered its own region, lies near Flanders' southern edge. Antwerp is a port city and major diamond trade center with a reputation for fashion design. Its Royal Museum of Fine Arts has a large collection of paintings by Flemish masters.

Area : 13,522 km²

Population : 65.6 lakhs (2018) Eurostat

Points of interest : Markt, Belfry of Bruges, Gravensteen,

Colleges and Universities : Katholieke Universiteit Leuven,

Flanders Investment & Trade (FIT) promotes international enterprise in Flanders in a sustainable way as a key factor in the social and economic development of the region. FIT does so by supporting the international activities of Flemish companies and by attracting foreign investors to Flanders.FIT assist, support and stimulate companies in international business. Flanders Investment & Trade offers tailored advice and guidance. Companies can call on their networks of contacts both at home and abroad. And they give financial support and information on a wide range of financial incentives.Flanders has many assets for ambitious Flemish enterprises and SMEs as well as for interested international companies. For Flemish companies, this region is a perfect gateway.



Strategically located in the heart of Europe

Why invest in Flanders?

- Close to Europe's institutions & purchasing power
- We speak your language
- 4th most productive workforce in the world
- Cutting-edge infrastructure
- Set up a business in 4 days
- Pay 0 social security for your 1st employee

Flanders can be found at the very center of Europe's most prosperous region. The purchasing power of its residents and those living within 500 km of the region makes it a prime business location.

As such, Flanders takes center stage within a megalopolis stretching from the London region to the Netherlands, Belgium, and parts of Germany and France. This area is home to no less than 60% of Europe's purchasing power and covers one of the world's highest concentrations of people, money and industries.In short, there's just no better place than Flanders to prepare someone's business plans or start up ones business activities in order to reap the rewards of commerce in the European mainland, the Middle East and Africa.

Brussels, the center of Europe

Brussels, the capital of Flanders (Belgium), is home to numerous international corporations and intergovernmental decision-making organizations, such as the EU and NATO. It can easily be considered Europe's lobbying capital as well: more than 3,800 diplomats are active in the city – a number that is only surpassed by New York City. It is also the world's second international conference center by number of events, and the second largest center for advocacy after Washington DC (US).

Brussels by numbers

- 700 professional associations
- 400 organized interest groups
- 150 international consulting firms
- 150 law firms specializing in European law
- 30 chambers of commerce
- over 1,000 accredited journalists
- representation of over 220 regions and federal entities
- 1,300 European HQs or subsidiaries of foreign companies

World-renowned knowledge centers and R&D initiatives

To the World Economic Forum and many other international spectators, Flanders ranks among the world's elite when it comes to R&D and innovation.

Flanders is a top 5 knowledge region in Europe and home to world-famous knowledge institutes and universities. Its strategic research centers – imec, VIB, Flanders Make and VITO – are known the world over. In close partnership with Flanders' universities – KU Leuven, UGent, Antwerp University, VUB and UHasselt – and the global business world, they contribute to the realization of a sustainable future.

Flanders ranks in the top 15 worldwide when it comes to "company spending on R&D", "availability of the latest technology" and "capacity for innovation" (WEF Global Competitiveness Report 2017-18).




H1-A01
FLANDERS INVESTMENT AND TRADE
EEPCINDIA
IN ITS 69TH YEAR, EEPC INDIA IS LOOKING TO THE FUTURE
spreading wings
Flanders, focus region @ IESS 2024


H1-A01
FLANDERS INVESTMENT AND TRADE
ogistics in Flanders,
cely precise
ortcut to success
Activate your multimodal mode with top-notch infrastructure
Maximize your efficiency from a
Flanders
State of the Art
Norway
Sweden
The Netherlands
Germany
Poland
Belgium
Czechia
France
Austria
Switzerland
Italy
H1 A01

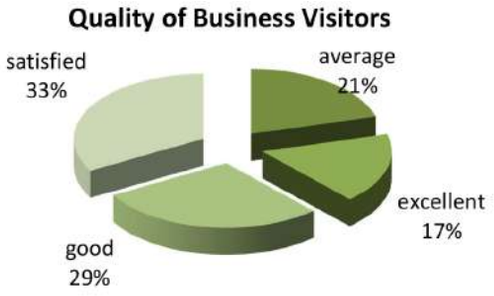
FEEDBACK ANALYSIS

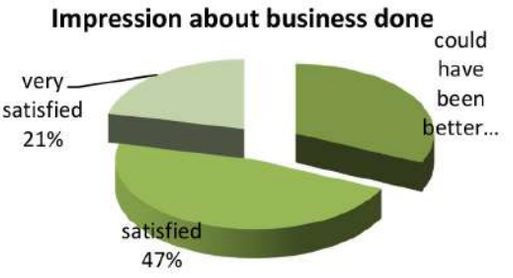


92 1 . It 87 % rated the seminars and workshops at IESS IX were excellent or good, 86% found the information dissemination of the event was excellent or good,83% found B2B sessions was excellent or good.The analysis reveals 10, 203 averaging 45 contacts per exhibitor, 6120060.14 million and USD 0.51 million worth of spot orders were booked.

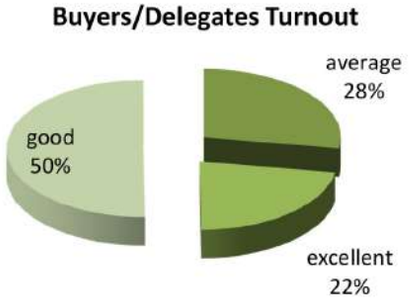
- 292 participants submitted their feedback form by the last day of the event.
- Publicity and advertising for the show was quite satisfactory as 61% of the exhibitors were new comers.
- 225 respondent exhibitors mentioned the number of contacts made by them during the show that totaled to 10,203 contacts with an average of around 45 contacts per exhibitor. However, all of the 283 respondents did not categorize their contacts as new or old. As per the information provided by the participants, nearly 61% of the contacts were new and 15% were old while the rest 25% of the contacts were not categorized by the respondents.
- Only a few of the participants mentioned about their instant orders booked and the amount of total order booked by them was US$ 0.51 million.
- Again, a handful of the participants mentioned about the business enquiries generated by them during the show and only a few of them disclosed the amount of enquiries generated. According to the feedbacks, these participants generated 2006 enquiries during the show that was likely to generate future business and the enquiries generated by the exhibitors amounted to US$ 0.14 million.
- Over 36% of the respondents were able to identify/appoint their agent/distributor during the show while around 64% answered in negative.

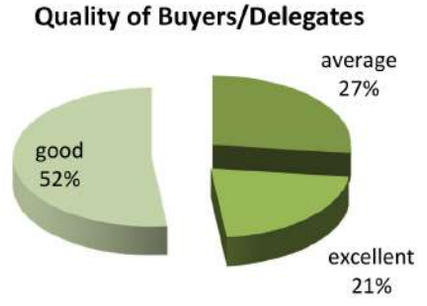
1. Quality of business visitors in IESS IX was excellent as 76% of the respondent exhibitors categorized them as either Excellent or good or satisfactory.



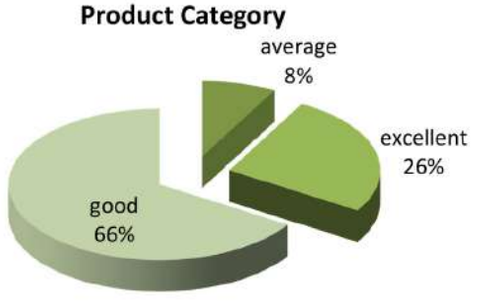


2. 68% of the participants were quite satisfied about the quality of business done during the event while only 32% of them expected better businesses.
3. Buyers/delegates turnout during the show was quite satisfactory as 72% of the respondent exhibitors found it as either excellent or good.





4. Quality of buyers also matched the expectation of the exhibitors as 73% of the reporting exhibitors marked the quality of buyers as either excellent or good.
5. As per the respondent exhibitors, category of the products exhibited was very much satisfactory as it was either excellent or good for 92% of the exhibitors.

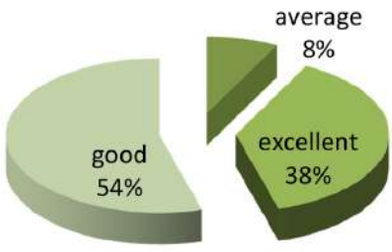




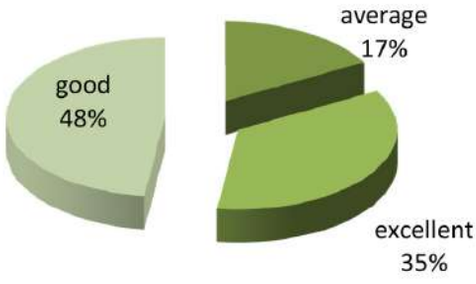
6. Quality of the seminars and workshops were also quite satisfactory as per the respondent exhibitors as 87% of them found the seminars and workshops conducted during IESS IX as either excellent or good.

7. Overall Security arrangement was quite good as around 95% of the reporting exhibitors categorized them as either good or excellent.

Security Arrangements



B2B Matchmaking



8. B2B sessions turned out as quite effective and fruitful as 83% of the reporting exhibitors viewed them as either good or excellent.
9. Information dissemination for the event was quite up to the mark as 86% of the exhibitors found them as either good or excellent.
10. 87% of the respondents reported that they were quite aware of the events and activities organized by EEPC India.
11. 95% of the reporting participants expressed their intention to participate in EEPC India events going forward. This essentially implies the success of IESS IX.

Suggestions for further improvement by delegates

01 Despite the fact that most of the participants were satisfied with the event, a few of the participants has suggested that detail information of the event, especially regarding stalls and B2B positions should come well before the event.

02 A few of the respondents thought that B2B meeting could have been designed in a better way and quality of B2B delegates should be improved.

03 Some of the participants suggested more advertising in local papers, media etc. to ensure higher participation.

04 Due to the impending threat of global corona virus outbreak, proportion of overseas delegates, foreign visitors and buyers lacked attendance in the event, yet it was an opportunity on behalf of the participants for such a successful event.

GLIMPSES OF THE EXHIBITION




iess XI COIMBATORE
International Engineering Sourcing Show
EEPCINDIA
REFRESHMENT ZONE
TURBO ENGINEERS (CBE)
Welcome you all


Tamil Nadu Pavilion
Himachal Pradesh Pavilion
SRI SARAVANAA FABS
H2-K06
ARIHANT PRECISION SCREWS
H2-L03
V-MARC INDIA LIMITED
MULTISTRAND CABLES
LT / HT POWER CABLES

STALLS






EEPCINDIA
L&T SUFIN
L&T-SUFIN
FOOD COUR
KOVAI
JUICE
CORNE


EEPCINDIA
COLOBUS
SYSTEMS


KISAAN
DieTech
Forging the way forward
Certifications
KISAAN
DieTech


SHARP EDGE
H3-P07
KOLHAPUR
EXPORT PROMOTION


H1-C37
JEYALETSHMI MACHINE WORKS
H1-834
MARK ALLEN GROU
KUMARAGURU INSTITUTIONS




H2-G16 BAVARIAN MACHINEING WORKS
H2-G14 KJ SHIPPING & LOGISTICS P LTD
KJS


H2-G16 BAVARIAN MACHINEING WORKS
H2-G14 KJ SHIPPING & LOGISTICS P LTD
KJS

TECHNOLOGY PAVILIONS



EEPC INDIA THEME PAVILION




EEPCINDIA
ENGINEERING THE FUTURE
2023
56


EEPCINDIA
ENGINEERING THE FUTURE
EEPCINDIA
ENGINEERING THE FUTURE
EEPCINDIA
IESS
28% rise

BEST PAVILIONS



Roots Group of Companies



Roots Group of Companies receiving Award for Best Pavilion under Large Enterprise



Jayashree Group



Jayashree Electron P Ltd receiving Award for Best Pavilion under Small Enterprise



Mazagon Dock Shipbuilders Ltd



Mazagon Dock Shipbuilders Ltd receiving Award for Best Pavilion under PSU



Vinir Engineering



Vinir Engineering P Ltd receiving Award for Best Pavilion under Medium Enterprise



India Design Mark



National Institute of Design (NID) receiving Award for Best Pavilion in Institution category

EXPORT FACILITATION DESK



STATES PAVILIONS

Andhra Pradesh Pavilion





Himachal Pavilion







Jharkhand Pavilion





Karnataka Pavilion





Odisha Pavilion



Maharashtra Pavilion





Tamil Nadu Pavilion





Telangana Pavilion







West Bengal Pavilion







PRODUCTS


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India's No.1
Compatible with
26 to 50 HP tractor
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OUR OFFERINGS


KOLHAPUR EXPORT PRODUCTION
Blowers


PLANETARY GEAR BOX
FLANGE MOUNTING
PLANETARY GEAR BOX
FLANGE MOUNTING


H2-126
AMIRTHALAKSHMI
CNC COMPONENTS




H3-S06,T05 E ROYCE MOTORS INDIA PVT LTD
e ROYCE MOTORS INDIA PRIVATE LIMITED


propel
45 CED


HALL - C


ASHOK LEYLAND
Ensuring a Cleaner Today for a Safer Tomorrow
Roots Multiclean Ltd
VISIT US AT
HALL A
H1-A1B-8
Made in India for the World


BLDC
HUB MOTOR


0-60 Kmph
3.9sec
Zero




SHREE MOTORS
OEM PRODUCTS
INDUCTION MOTOR
CAST IRON INDUCTION MOTORS
SPECIFICATIONS:
FEATURES:
SHREE MOTORS
POWER TO MOTION



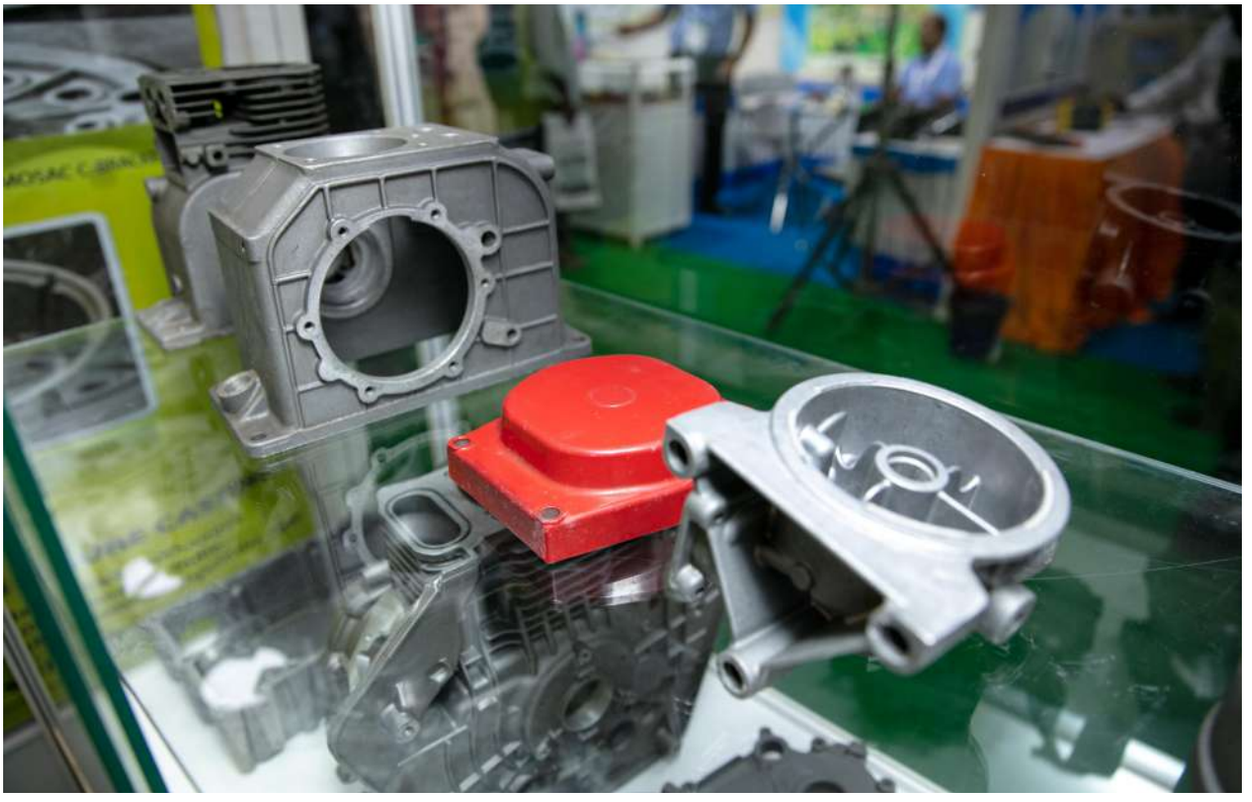

Proto Types
With Material Supply
Pump Parts
Valve Components
Machining With Fabrication Parts






UMPS






INSULATORS
INSULATORS


AIRZON
Redefining Energy Efficiency
AIRZON




BULL
BULL
VMP 2000
VMP 20
VMP
Concrete Solutions


BULL
AV490
BULL
BULL
BULL
Transform Your
Mini Tractors into
Next Level Excavators
JOHN DEERE
5045 D
KOVAI




www.canadiancrystalline.com
Reverse Osmosis System
Crystalline


DA HOUSING
BRAKE BRACKET 814

B2B MEETING


UNDER THE AEGIS OF
Department of Commerce
Ministry of Commerce & Industry
Government of India
IESS XI
InternationalEngineering
SourcingShow
COIMBATORE
ORGANISER
EEPCINDIA
ENGINEERING THE FUTURE
INTERNATIONAL ENGINEERING SOURCING SHOW
B2B LOUNGE
#SmartSustainable Engineering
#SmartSustainable Engineering


B1023


B1001

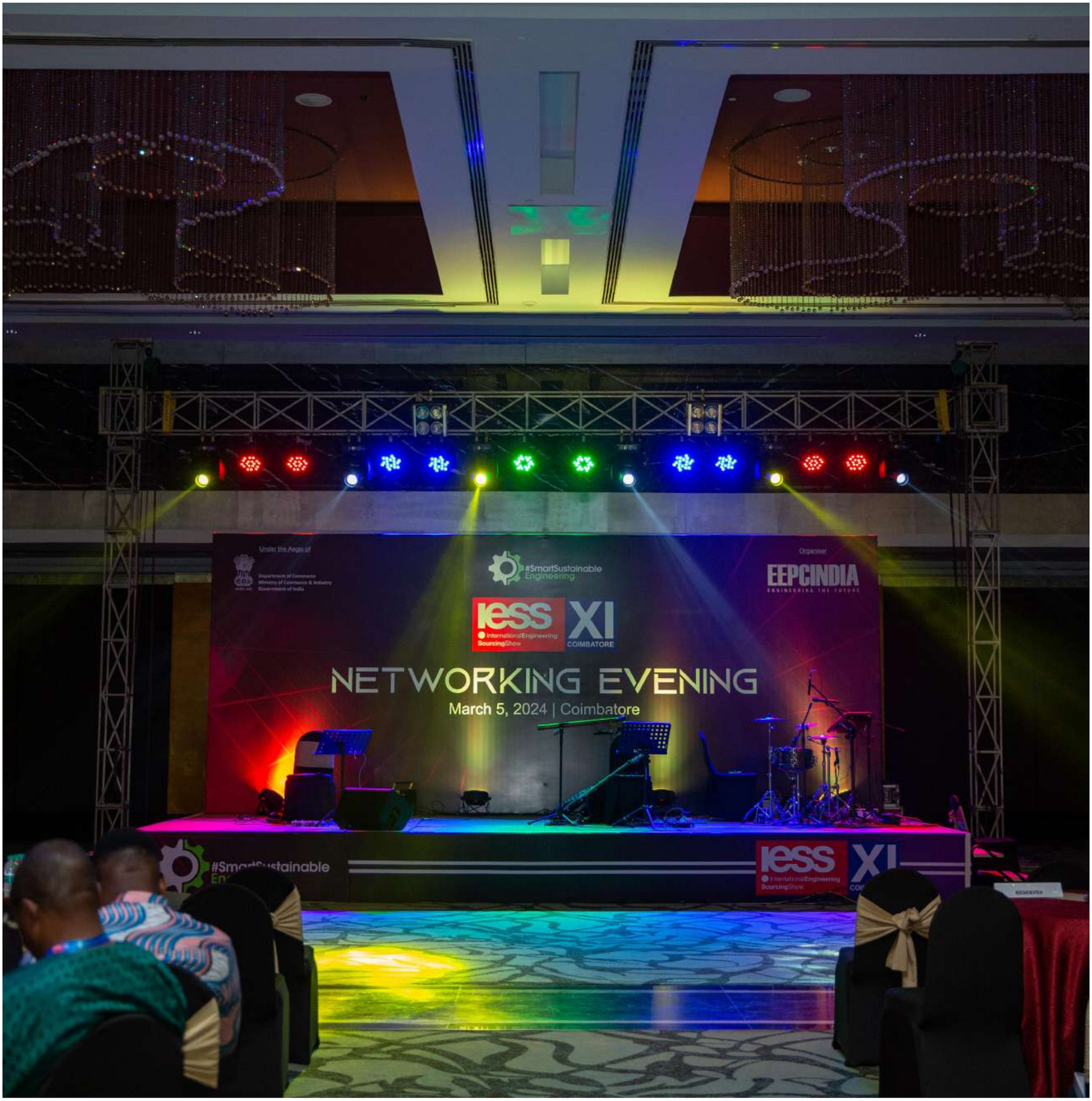

West Bengal Pavilion
West Bengal Pavilion
iess XI
EEPCINDIA
L&T-SUFIN
B2010
B2002


B2009
B2015
B2001


B2015
AZERBAIJAN
ESMIRA
AZFEN


B2030
MALAYSIA
KISHAN KUMAR
MITA INNOVATIVE TECHNOLOGIES

INDIA EVENING






RESERVED






EEPCINDIA


EEPCINDIA

PUBLICITY AND PROMOTION

Pre – Event Publicity in India and abroad

A focussed publicity drive was carried out by EEPC INDIA all over the country and abroad in order to create awareness about the Council's. To mobilise participation, many seminars , meetings and road shows were organised all over the country. Besides this, other forums, conferences and exhibitions were also used as a channel to promote the exhibition and distribute the promotional literature on IESS XI . A dedicated website was created to facilitate online registration (www.iesshow.in).

Promotional Literature for mobilisation of the Exhibition in India was done



Standee



Standee

An exclusive 166 design for Social Media Promotion was done




















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International Engineering Sourcing Show XI
4-5-6 March 2024
Codissia Trade Fair Complex
Coimbatore, India
A Marathon of Global Sourcing
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4.0
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India's prioritisation of Value
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USA ranks as the numero uno destination of India's castings exports with US$ 2.08 billion worth of shipments in 2022
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Exports of Indian Textile Machinery outperformed that of overall engineering securing a CAGR of 6 percent between FY19 to Fy23
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SOCIETY FOR SMART E-MOBILITY @IESS
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IESS XI
GLOBAL SOURCING MEET WITH ATHER ENERGY PVT LTD
04 March 2024 | 2 : 00 PM
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IESS XI
SESSION ON INBOUND AND OUTBOUND INVESTMENT
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IESS XI
SESSION ON E MOBILITY
05 March 2024 | 11 : 00 AM
Conference Hall - A, Codissia Trade Fair Complex, Coimbatore
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IESS XI
OPPORTUNITIES FOR ENGINEERING MSMES IN DEFENCE MANUFACTURING AND TECHNOLOGY SUPPLY CHAIN
05 March 2024 | 11 : 00 AM
Conference Hall - B, Codissia Trade Fair Complex, Coimbatore
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Central Manufacturing Technology Institute Joins IESS
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INTERACTIVE SESSION WITH ONDC (OPEN NETWORK FOR DIGITAL COMMERCE)
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#SmartSustainable Engineering
AWARENESS PROGRAMME ON 'STEEL KEY TO BUILDING A SUSTAINABLE MSME SUPPLY CHAIN (WITH TATA STEEL AS STEEL FORUM PARTNER)
05 March 2024 | 2 : 00 PM
Conference Hall - A, Codissia Trade Fair Complex, Coimbatore
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Government of West Bengal invites all to visit the State Pavilion
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IESS XI
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GOOD DESIGN SEMINAR & 12TH EDITION OF INDIA DESIGN MARK AWARDS
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INDIA DESIGN MARK


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VENDOR DEVELOPMENT SESSION
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IESS XI
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AUTOMATION & SMART MANUFACTURING FOR MSMES
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IESS XI
#SmartSustainable Engineering
GLOBAL SOURCING MEET WITH CLAAS (GERMAN AGRI MACHINERY GROUP)
06 March 2024 | 11 : 00 AM
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#SmartSustainable Engineering
UTILIZATION OF STEEL SLAG IN ROAD CONSTRUCTION – WASTE TO WEALTH CONCEPT
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Jharkhand is the focus State for the fourth time
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Technology Pavilion
KNOWLEDGE SESSIONS


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Inauguration tomorrow
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4-5-6 March 2024
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Overseas Flyer



Domestic Flyer

Show Publicity in Chennai, Bangalore, Coimbatore

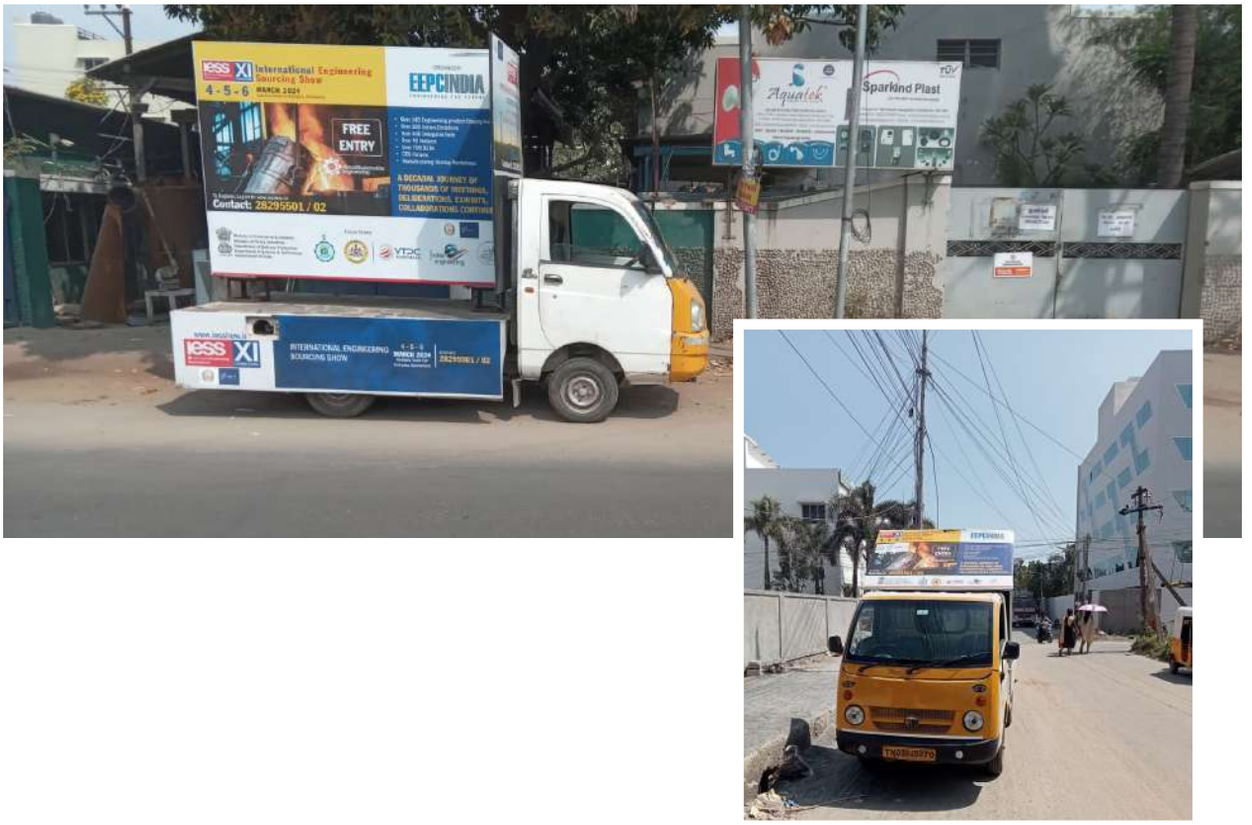
The figures below reveal the scale and intensity of the campaign of the event:

- Bus backs





➢ Mobile Van



➢ Bus Stand



➢ Airport Branding






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Exit

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Hoarding



LED branding for Bus Stop

In-Show Publicity

A four page handout was prepared in English with names and product photographs of all the exhibitors and the same was given to all the visitors of IESS. The detailed profile of Indian exhibitors along with the contact information and company/ product details was distributed in a book form among all the visitors. EEPC INDIA's introductory booklet was also distributed in giving an overview of the activities of the Council.



Exhibitors' Directory



Certificates



Luggage Tag



Lunch Coupon



Mugs



PAD Cover



Jute bag



Non Jute bag



Badge



Lanyard



Passport Book IESS X



Wrapping Paper



Flyer (NR)



Flyer (WR)



Car Pass sticker



Invitation Card

Dinner and Lunch Invite Card



Circular



Floor Plan

Posters



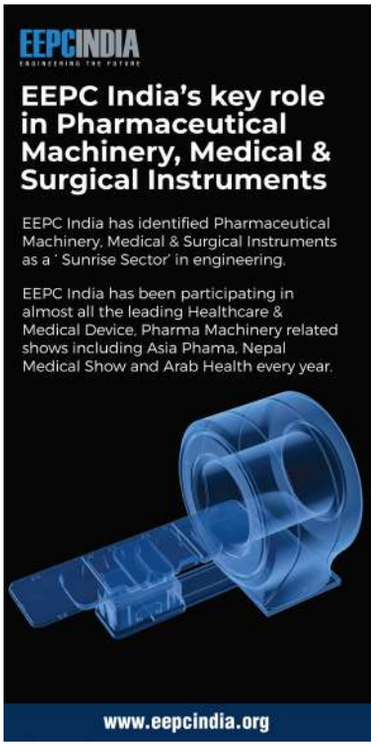
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INDIAN ENGINEERING
Largest of India's industrial sector
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•Accounts for 27% of all factories
•Represents 63% of foreign collaborations
•Largest contributor to India's total exports with a 23.9 % share in FY23
Global standing
•11th in production and 8th in consumption of Machine Tools in the world
•9th largest supplier of Electricity Generation equipment
•13th in exports of pumps and valves
•In the top 20 Medical Devices markets and 4th in Asia


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We are adopting sustainable practices to reduce environmental impact
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PRESS & MEDIA

A well planned sensitization of media in India specially in SR was done through circulation of various topical releases with IESS IX element in it .

Print Media

Exporters urged to study FTAs

The Hindu Bureau
COIMBATORE

Exporters should study the free trade agreement (FTA) draft documents that the government is working on so that they can leverage the opportunities that will come from the agreements, said Vipul Bansal, joint secretary, Department of Commerce, in Coimbatore on Monday.

Speaking at the inaugural of a three-day International Engineering Sourcing Show, organised by the EEPC India, he said that in the last one year, the Union government signed two free trade agreements and is working on four more. It shares the drafts of the agreements with the export promotion councils. All the exporters should go through these documents to know the details and leverage on the opportunities that will emerge from these agreements.

Events such as the Engineering Sourcing Show should scale up to become global platforms, where a participant from any country can showcase products, he said.



Vipul Bansal (second right), joint secretary, Department of Commerce, presenting the EEPC India Quality Awards at the International Engineering Sourcing Show organised in Coimbatore on Monday. S. SIVA SARAVANAN

According to Archana Patnaik, secretary of the Department of MSMEs, Government of Tamil Nadu, the State has 35 % share in the production of automobile and auto components in the country. This shows the vibrancy of the entrepreneurship in the State in this sector. The State government has constituted a task force to promote the electric vehicle sector and supports organisations such as the Coimbatore District Small Industries Association (CODISSIA) with its export promotion fund. It has also supported 70 MSMEs set up stalls at the Engineering Sourcing Show through Fame TN, she said.

Arun Kumar Garodia, chairman of EEPC India, said the sourcing show has 300 exhibitors showcasing products in five major categories, 150 new products, and 400 buyers from different countries. The theme of the event was smart sustainable engineering.

The EEPC India Quality Awards were distributed and EEPC India Green Awards were launched. A publication on sustainable future and smart engineering was released at the event.

THE HINDU , 05.03.24

EEPC sourcing show begins in Coimbatore

EXPRESS NEWS SERVICE @Coimbatore

THE International Engineering Sourcing Show (IESS) XI of The Engineering Export Promotion Council (EEPC) of India began in the city on Monday. The event will take place till March 6. This year;s theme is 'SmartSustainableEngineering' . Arun Kumar Garodia, Chairman, EEPC India inaugurated the show in the presence of Vipul Bansal, Joint Secretary, Department of Commerce, Government of India, RD Nazeem, Principal Secretary, Government of Himachal Pradesh, Archana Patnaik, Secretary, Department of MSME, Government of Tamil Nadu, Chennai, and Pankaj Chadha, Senior VC, EEPC India.

THE HINDU , 05.03.24

German delegation visits Coimbatore to strengthen ties

The Hindu Bureau
COIMBATORE

A 32-member business delegation from Saxony in Germany is in Coimbatore to strengthen ties with industries here.

The delegation headed by Martin Dulig, Saxon State Minister for Economic Affairs, Labour, and Transport, Germany, will take part in the deliberations organised as part of the International Engineering Sourcing Show on Tuesday. It attended the German Indian Round Table, Coimbatore, and Saxony chapters on Monday.

Michaela Kuchler, Consul General of Germany in Chennai, said at the Round Table meeting that bilateral trade between Germany and India was 30 billion Euros and Indian exports were increasing. Compared to the presence of German companies in China, there is scope for more presence in India. The year 2024 looks promising for Indo-German relations with several events planned by the two countries, she said.

District Collector Kranthi Kumar Pati said the people-to-people connect between Germany and Coimbatore nurtures future bonds between Coimbatore and Saxony. Tamil Nadu has dedicated bodies to handhold industries that want to invest in the State, and Coimbatore offers single window clearances for investments. It also has a huge pool of skilled workforce because of the presence of a large number of colleges, he said.

According to Oliver Kohn, Managing Director of VDMA, business co-operation between Germany and India has strengthened especially during the last three years. The potential for better business ties between Saxony and India is high, he said.

THE HINDU , 05.03.24

Global display of India's capacity at Coimbatore



NT Bureau
Chennai, Mar 05:

The 11th edition of International Engineering Sourcing Show (IESS), the only global display of India's capability in Hard Core Metal and Metal Based Engineering began at Coimbatore with the theme #SmartSustainableEngineering reflecting the current convergence of two critical trends in the manufacturing industry of Smart Manufacturing and Sustainable Manufacturing.

Organised by EEPC, the show is on at Codissia Trade Fair Complex drawing participants from all over the globe as IESS has evolved as the exposition of indigenous engineering skills to the world.

The show aims to reducing dependence on traditional markets, developing internal markets within India, forging partnerships and joint ventures, strengthening commercial relations and accelerating trade between India and its trading partners and providing platform for foreign organisations to showcase their strength and capabilities in a large developing market.

A white paper on "A Sustainable Future with Smart Engineering" was also released by EEPC India, which is supporting the Government of India drive of Net Zero Emissions.

The visitors and participants comprise a diverse crowd including manufacturers, exporters, importers, buyers, technology providers, and government representatives from the engineering world.

This event will take place till March 6. Mr Arun Kumar Garodia, Chairman, EEPC India inaugurated the show in the presence of Mr Vipul Bansal, IAS, Joint Secretary, Department of Commerce, Government of India; Mr . R.D. Nazeem, IAS, Principal Secretary, Government of Himachal Pradesh; Tmt. Archana Patnaik, IAS, Secretary, Department of MSME, Government of Tamil Nadu, Chennai; Mr . Pankaj Chadha, Sr. Vice Chairman, EEPC India.

NEWS TODAY, 06.03.24



கோவையில் பொறியியல் ஏற்றுமதி மேம்பாட்டு கழகம் சார்பில் சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி துவக்கம்

கோயம்புத்தூர், 05, மார்ச்:

இஇபிசி இந்தியாவின் வருடாந்திர நிகழ்வான சர்வதேச பொறியியல் கொள்முதல் கண்காட்சியின் பதினேராவது நிகழ்ச்சி இன்று தொடங்குகிறது. உலோகம் மற்றும் உலோகம் சார்ந்த பொறியியல் துறையில் இந்தியாவின் திறன்களைச் சர்வதேச கொள்முதலாளர்களுக்கு எடுத்துக்காட்டும் நிகழ்ச்சி இது. கொரோனா வர்த்தக கண்காட்சி மையத்தில் மார்ச் 6ஆம் தேதி வரை, இந்த நிகழ்ச்சி நடைபெறும்.

நேர்த்தி மற்றும் நிலத்த உற்பத்தி என்பது தனித்தனியான உத்திகள் அல்ல. அவை ஒன்றோடு ஒன்று பின்னிப் பிணைந்தது. 'சுயநிர்ணய இந்தியா' திட்டத்தின் கீழ், நீண்டகால நிலத்த நிலையான பொருளாதார வளர்ச்சி தான் நோக்கம். அதனால், உற்பத்தியாளர் நிலத்த வளர்ச்சியைக் கொண்டுவர புதுமையான வழிமுறைகளை பின்பற்றத் தொடங்க வேண்டும். அல்லது, புதுமைகள் பொறுப்புணர்வோடு செய்யப்பட வேண்டும் என்பதே இதன் பொருள் என்று, தொடங்கப்பட்ட ஐ.இ.எஸ்.எஸ். XI கண்காட்சியில் இஇபிசி இந்தியா தலைவர் அருண் குமார் கபோடியா கூறினார்.

மேலும் இந்த நிகழ்ச்சியில், இந்திய அரசின் வர்த்தகத் துறை இணைச் செயலாளர் வி்பு பன்சால், இமாச்சலப் பிரதேச அரசின் முதன்மை செயலாளர் ஆர்.டி. நசிம், தமிழ்நாடு அரசின் சிறு, குறு, நடுத்தரத் தொழில்களின் செயலாளர் அர்ச்சனா பட்நாயக், இஇபிசி இந்தியாவின் மூத்த துணைத் தலைவர் பங்கஜ் சட்டா ஆகியோர் பங்கேற்றனர்.

இஇபிசி இந்தியா, 'ஏ சஸ்டெயினபிள் ஸ்ட்ரக்சர் வித் ஸ்மார்ட் இன்ஜினியரிங்' (நேர்த்தியான பொறியியலுடன் நிலத்த எதிர்காலம்) என்ற நூல் வெளியிடப்பட்டது. கார்பன் உமிழ்வே அற்ற சூழலை உருவாக்குவதற்காக இந்திய அரசு மேற்கொண்டுவரும் முயற்சிகளை, இஇபிசி இந்தியா ஆதரிக்கிறது. அதனால் தான், இந்த நிகழ்ச்சியின் கருப்பொருளாக ஸ்மார்ட் சஸ்டெய்னபிள் இன்ஜினியரிங் என்பது அறிமுகம் செய்யப்பட்டுள்ளது. இந்தக் கருப்பொருளை அடிப்படையாக கொண்ட புத்தகத்தை வெளியிட்டதன் மூலமும், பல்வேறு கலந்துரையாடல்கள், உரைகளின் மூலமும், இஇபிசி இந்தியா, இந்த விழிப்புணர்வை மேன்மேலும் வளர்த்தெடுக்கவேவிரும்புகிறது.

இந்த நிகழ்ச்சியில் 13 அறிவுசார் கருத்தரங்குகள் நடைபெற உள்ளன. அதில், ஜெர்மனியின் சாக்சனி கட்டற்ற மாநிலத்தைச் சேர்ந்த அமைச்சர்; பாதுகாப்பு உற்பத்தித் துறை, டிட்கோ, டாடா ஸ்டீல், சீமென்ஸ், ஜாக்குவார், லேண்டு ரோவர் (ஜே.எல்.ஆர்.), நேவலல் இன்ஸ்டியூட் ஆப் டிசைன், ஓ.என்.டி.சி., ஜெர்மன் நாடு வீவசாய் கருவிகள் பெருமுறவமாளர் கினால், ஆட்டோமேஷன் அசோசியேஷன், இந்தியாவின் மின்ஸ்கட்டர் நிறுவனமான ஏதர், சி.ஸ்.டி.டி.ஐ பெங்களூர், சி.எஸ்.ஐ.ஆர் சி.ஸ்.ஆர்.ஐ.மின்வாகனகூட்டமைப்புஎஸ். எஸ்.டி.எம் ஆகியவற்றைச் சேர்ந்தவர்கள் உரையாற்றுவார்கள்.

DINA KURAL, 05.03.24

கோவையில் பொறியியல் ஏற்றுமதி மேம்பாட்டு கழகம் சார்பில் சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி துவக்கம்



இஇபிசி இந்தியாவின் வருடாந்திர நிகழ்வான சர்வதேச பொறியியல் கொள்முதல் கண்காட்சியின் பதினேராவது நிகழ்ச்சி இன்று தொடங்குகிறது. உலோகம் மற்றும் உலோகம் சார்ந்த பொறியியல் துறையில் இந்தியாவின் நிறன்களைச் சர்வதேச கொள்முதலாளர்களுக்கு எடுத்துக்காட்டும் நிகழ்ச்சி இது. கொரோனா வர்த்தக கண்காட்சி மையத்தில் மார்ச் 6ஆம் தேதி வரை, இந்த நிகழ்ச்சி நடைபெறும்.

இந்தியாவின் உள்நாட்டு பொறியியல் நிறன்களை உலகுக்கு எடுத்துக்காட்டும் வாய்ப்பாக இந்த நிகழ்ச்சி வளர்ந்து வந்துள்ளது வழக்கமான சதனைகளை மட்டும் சாரத்திருக்கும் தன்மையைக் குறைப்பதற்காகவும், இந்நியாவுக்குள்ளே புதிய சதனைகளை உருவாக்குவதற்காகவும், புதிய பங்குதாரர்களையும் கூட்டு முயற்சிகளையும் மேம்படுத்துவதற்காகவும், இந்தியாவுக்கும் இதர வர்த்தக கூட்டாளிகளுக்கும் இடையிலான வணிக உறவுகளை மேம்படுத்தவும், வர்த்தகத்தை அதிகப்படுத்தவும், வெளிநாட்டு அமைப்புகள், இந்தியாவை நிலையான கொள்முதல் தளமாக பார்க்கவும் இந்தக் கண்காட்சி உதவி செய்கிறது.

இந்த சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி மேலும், ஸ்மார்ட்டன்டெய்னேபிளஇருந்தி னியரிங் (SmartSustainableEngineering) என்பது தான் மையக் கருப்பொருள். இது உற்பத்தித் துறையில் உள்ள நேர்தியான உற்பத்தி மற்றும் நிலத்த உற்பத்தி ஆகிய முறைகளின் ஒருங்கிணைத்த வடிவம் ஆகும். நேர்த்தியான உற்பத்தி என்பது பற்றாண்மைகளை நடைமுறையில் இருக்கும் ஓர் உதவி ஆகும். அதே சமயம் நிடித்த உற்பத்தி என்பது பொறியியல் துறையினர் மத்தியில் சமீபத்தில் வளர்ந்து வரும் ஓர் உதவி ஆகும். இதன்படி, மூலபொருள்களைப் பெறுவதில் இருந்து, பொருட்களை உற்பத்தி செய்வது மற்றும் அதன் கழிவுகளை நீக்குவது வரை அனைத்து உற்பத்தி நிலைகளிலும் சுற்றுச்சூழல் பாதிப்புகளைக் குறைக்க வேண்டும் என்பது தான் நோக்கம்.

நேர்த்தி மற்றும் நிடித்த உற்பத்தி என்பது தனித்தனியான உத்திகள் அல்ல. அவை ஒன்றோடு ஒன்று பின்னிப் பிணைந்தது. 'சுயநிர்ணய இந்தியா' திட்டத்தின் கீழ், நீண்டகால நிலத்த நிலையான பொருளாதார வளர்ச்சி தான் நோக்கம். அதனால், உற்பத்தியாளர் நிலத்த வளர்ச்சியைக் கொண்டுவர புதுமையான வழிமுறைகளை பின்பற்றத் தொடங்க வேண்டும். அல்லது, புதுமைகள் பொறுப்புணர்வோடு செய்யப்பட வேண்டும் என்பதே இதன் பொருள் என்று, இன்று தொடங்கப்பட்ட ஐ.இ.எஸ்.எஸ். XI கண்காட்சியில் இஇபிசி இந்தியா தலைவர் அருண் குமார் கபோடியா கூறினார்.

மேலும் இந்த நிகழ்ச்சியில், இந்திய அரசின் வர்த்தகத் துறை இணைச் செயலாளர் வி்பு பன்சால், இமாச்சலப் பிரதேச அரசின் முதன்மை செயலாளர் ஆர்.டி. நசிம், தமிழ்நாடு அரசின் சிறு, குறு, நடுத்தரத் தொழில்களின் செயலாளர் அர்ச்சனா பட்நாயக், இஇபிசி இந்தியாவின் மூத்த துணைத் தலைவர் பங்கஜ் சட்டா ஆகியோர் பங்கேற்றனர்.

மேலும் இந்த நிகழ்ச்சியில், இந்திய அரசின் வர்த்தகத் துறை இணைச் செயலாளர் நிரு வி்பு பன்சால், இ.ஆ.ப., இமாச்சலப் பிரதேச அரசின் முதன்மை செயலாளர் நிரு ஆர்.டி. நசிம், இ.ஆ.ப., தமிழ்நாடு அரசின் நிறு, குறு நடுத்தரத் தொழில்களின் செயலாளர் நிருமதி. அர்ச்சனா பட்நாயக், இ.ஆ.ப., இஇபிசி இந்தியாவின் மூத்த துணைத் தலைவர் நிரு அருண் குமார் கபோடியா கலிகாற.

DINA THODAR, 06.03.24

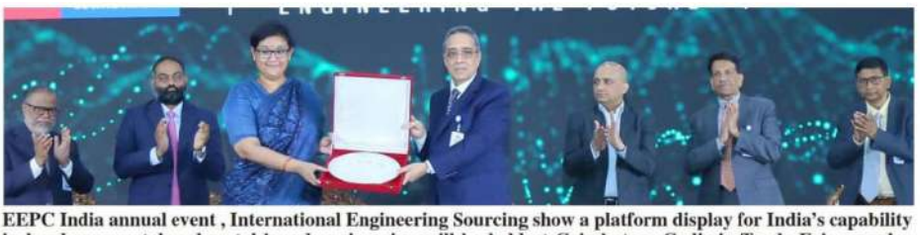


கோவை கொடிசியாவில்

சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி!

3 நாட்கள் நடைபெறுகிறது!!

MALAI MURASU, 02.03.24



EEPC India annual event , International Engineering Sourcing show a platform display for India's capability in hard core metal and metal based engineering will be held at Coimbatore Codissia Trade Fair complex till March 6.This year EEPC India has chosen #SmartSustainableEngineering as the theme , reflecting the current convergence of two critical trends in the manufacturing industry of Smart Manufacturing and Sustainable Manufacturing. While Smart manufacturing has been trending for over a decade now, Sustainable manufacturing is a recent focus among engineering fraternity. It aims to minimize the environmental impact of manufacturing at the product cycle, from resource extraction and production to product use and disposal.

TRINITY MIRROR, 05.03.24



உள்நாட்டு பொறியியல் திறன்களை உலகறியச் செய்யும் சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி

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சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி கோவை கொடிசியாவில் மார்ச்.4ம் தேதி துவக்கம்

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KOVAITAMIL.COM, 29.02.24

JLR to hold 'global sourcing meet' at Coimbatore engineering expo

M Ramesh
Chennai

The Tata group-owned Jaguar Land Rover will hold a 'global sourcing meet' at the International Engineering Sourcing Show (IESS) to be held in Coimbatore, Tamil Nadu, between March 4 and 6. The expo organised by the Engineering Export Promotion Council (EEPC) will be the 11th in the series.

The event has seen registration from more than 450 overseas delegates representing 50 countries, with the largest contingent of 177 delegates hailing from 17 African countries.

CLAAS, the German agri machinery major, will also hold its own 'global sourcing meet' at the expo. EEPC's Chairman, Arun Kumar Garodia, said that IESS 2024 will see over 300 exhibitors displaying over 150 products, 455 international delegates and 8,000 business visitors.



Arun Kumar Garodia, Chairman, EEPC India and Michaela Kuchler, Consul General of Germany, Chennai, at a press conference

LEADING EXHIBITORS

The Department of Defence Production, Government of India, Tata Steel, ONDC and Ather are among the other leading exhibitors at the expo.

Jayant Nadiger, Trade Commissioner of the Flanders region of Belgium, said at the press conference that a delegation from the Port of Antwerp would attend the expo; a customs attache will brief participants about the paperless entry of products into the EU.

Martin Dulig, Economics minister from the Saxon state of Germany, will lead the German delegation.

BUSINESS LINE, 14.02.24

IESS XI – Gateway to Source Indian Engineering Merchandise is ready

Chennai : DODP (Department of Defence Production), TIDCO, TATA Steel, Jaguar and Land Rover (JLR), National Institute of Design (NID), ONDC, German Agri Machinery Giant-CLAAS, Indian E Scooter Company - Ather, Bureaucrats from Ministries of Commerce and Industry, Heavy Industries, Defence; Diplomats, at the thematic Knowledge Sessions; Around 300 Exhibitors, 300 Overseas Buyers from over 40 Nations, around 10,000 Hosted Trade Visitors and over 700 One on Ones – B2B Meetings would adorn the International Mileu of manufacturers, exporters, importers, buyers, technology providers, and government repre-



sentatives from the engineering world- IESS – International Engineering Sourcing Show XI which opens it gates on the March 4 th for three days at Codissia Trade Fair Complex in Coimbatore – announced Chairman EEPC India, Mr Arun Kumar Garodia at the Curtain Raiser Press Meet today in Chennai.

Tmt Grace Pachuau, IAS, Addl Commissioner – Industries & Commerce of Government of Tamil Nadu also added -Tamil Nadu is overwhelmed to get the opportunity to Host IESS for the Sixth Time since 2017. IESS is a show for the MSMEs, who play a pivotal role in the overall national industrial landscape contributing 35-40 % of the Engineering Exports. The second largest contributor to GDP, home to the largest number of factories in India and the only state to have all its districts covered under industrial corridor projects, Tamil Nadu has been also the second highest Engineering merchandise exporter with a 15.8 % share in the National Egineering Export pie during April 2023-December 2023.

Flanders who is joining the show as the Focus Region for the 5 th time would have a team from Belgium keen to procure and invest in Indian engineering, explained Mr Jayant Nadiger, Trade Commissioner of Flanders Region of Belgium

During April 2023- December 2023, Germany became the largest destination for India's engineering exports in Europe and 4 th Largest in the world receiving USD 3044.4 million worth of Engineering shipments from India proclaimed Ms Michaela Kuchler, Consul General of Germany in Chennai.

TAMILAGAM VOICE, 14.02.24

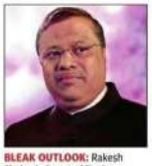
EEPC worried over slowing engineering exports from India

D.Govardan@timesgroup.com

Chennai: Engineering Exports Promotion Council (EEPC) is worried over slowing engineering exports from the country. The council, which had brought out a vision document targeting $1.5 trillion in engineering exports for India by 2047, feels even the $300 billion target by 2030 looks a distant dream at the current rate of exports.

EEPC vision document had set an aggressive target of $1.5 trillion of engineering exports by 2047. The organization is aiming at $300 billion by 2030 and thereafter achieve a 8-10% growth to touch $1.5 trillion by 2047.

"This looks aggressive since we are talking about a growth that was never achieved and unprecedented. Covid times were different, where India did extremely well. For April – November, 2023, we registered around $69.5 billion of engineering exports. There has been a definite slowdown and we are not able to even go to our levels of 2022-23 and we have to see how we progress with this," Rakesh Shah, chairman, Trade Promotions, EEPC told **TOI**.



BLEAK OUTLOOK: Rakesh Shah, chairman of Trade Promotions, EEPC

For the year 2022-23, the country's engineering exports stood at $107 billion and the proportionate exports till November should have been $82 billion, a shortfall of about $12.5 billion.

"For the year 2021-22, Indian engineering exports stood at $112 billion, which was one of the best we did. Thanks to Covid, we became an alternative to China and that gave us a big boost," Shah said.

"The latest challenge for Indian exports is the Red Sea issue that has come up. This has not only increased the transit time but also our costs which have gone up by two times. The transit time was much shorter a few weeks back and this a big challenge now on the logistics front," he added. As for individual markets, Russia has come up very well and our exports have grown up by about 140%, thanks to the rupee trade. But logistics is a big problem to Russia due to the Ukraine war.

According to him, India needs to really go to markets like Africa, where it doesn't have a major share at the moment, and Oceana because Indian technology today is most suited to the developing world. These are the non-traditional markets that need India's focus.

Almost 90% of Indian industry is low to medium technology oriented. The industry needs to focus on value added items, which it has not able to do much. There is a slowdown in the US and Europe, and hence there is a demand-side slowdown too.

TIMES OF INDIA, 29.01.24

பொறியியல் ஏற்றுமதி மேம்பாட்டு கழகம் சார்பில்

சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி

கொடிசியாவில் 3 நாட்கள் நடக்கிறது



கோவை, மார்ச் 1- பொறியியல் ஏற்றுமதி மேம்பாட்டு கழகம் சார்பில், 11வது சர்வதேச பொறியியல் கொள்முதல் கண்காட்சி மார்ச் 4ம் தேதி கொடிசியா வர்த்தக மையத்தில் தொடங்குகிறது. இந்த கண்காட்சி 4ம் தேதி முதல் 6ம் தேதி வரை மூன்று நாட்கள் நடக்கிறது. இந்த நிகழ்ச்சியில் 13 அறிவுசார் கருத்தரங்குகள் நடைபெற உள்ளன. இதில், ஜெர்மனியின் சாக்சன் மாநிலத்தைச் சேர்ந்த அமைச்சர் தலைமையிலான குழு, பாதுகாப்பு உற்பத்தித் துறை, தமிழ்நாடு தொழில் வளர்ச்சி நிறுவனம் (TIDCO), டாடா ஸ்டீல், சிமென்ஸ், ஜாக்குவார், லேண்டு ரோவர் (ஜே.எல்.ஆர்.), நேஷனல் இன்ஸ்டிடியூட் ஆஃப் டிசைன், ஒ.என்.டி.சி., ஜெர்மன் நாட்டு விவசாய கருவிகளின் பெருநிறுவனமான இகாஸ், ஆட்டோமேஷன் அசோசியேஷன், இந்தியாவின் மின்சார ஸ்கூட்டர் நிறுவனமான ஏதர், சி.எஸ்.டி.ஐ - பெங்களூர், சி.எஸ்.ஐ.ஆர்-சி.ஆர்.ஆர்.ஐ., மின்வாகன கூட்டமைப்பு -எஸ்.எஸ்.இ.எம் ஆகிய நிறுவனங்களை சேர்ந்தவர்கள் உரையாற்ற உள்ளனர். இந்த கண்காட்சியில் 300 உற்பத்தியாளர்கள், 149 பொறியியல் பொருட்களைக் காட்சிப்படுத்த உள்ளனர். 10 ஆயிரம் வர்த்தக பார்வையாளர்கள், 40 நாடுகளைச் சேர்ந்த 300 வெளிநாட்டு கொள்முதலாளர்கள் வருகை தர உள்ளனர். இக்கண்காட்சியின் துணை ஒப்பந்தக் கூட்டாளராக -SUBCON 2024, எஸ்.டி. ப்ரோமோ மீடியா பிரைவேட் லிமிடெட் நெட்வொர்க்கிங் ஸ்பான்சராகவும், சி.ஆர்.ஐ பம்ப்ஸ் பதிவு கூட்டாளராகவும் பங்கு பெறுகின்றன. இந்த கண்காட்சி தமிழ்நாட்டில் 6வது முறையாகவும், கோவையில் 2வது முறையாகவும் நடைபெறுகிறது. இந்த தகவலை இ.இ.பி.சி. இந்தியாவின் மண்டல தலைவர் ராமன் ரகுதெரிவித்துள்ளார்.

TAMIL MURASU, 01.03.24



Vedic chants fill Puri air ahead of opening

Four-Layer Security in Place At Site

Naveen: Celebrate inauguration with joy and devotion

ANANT KASHI ATOOHYA YATRA

Bizarre's body found along railway tracks

Govt using Jagannath for pol gains, says oppn; BJD hits back

Injured in 1990 stir, Balangir man gets Ram Mandir invite

Arpan Rath turns symbol of harmony in Jajpur dist

Millet varieties grown by tribals identified

Five held for looting ATMs in Balasore

Malkangiri DHH gets quality cert

'Farmer had taken loan for cultivation'

6 kids among 15 bitten by monkeys in a wk

EEPCINDIA

www.iesshow.in

iess XI

International Engineering Sourcing Show XI

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Codissia Trade Fair Complex, Coimbatore, India

Biggest sourcing exhibition

EPaper, Toi BBSR -16.01.24.



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Dinamalar, epaper, Trichy 21.01.24



City

CM inaugurates Smart City works worth ₹57.66 crore

Vintage car show takes people down the memory lane

'Taste of Coimbatore' offers food, music and lot more

Officials collect details from powerloom weavers on GST refund

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TVS MOTOR COMPANY LIMITED

STATEMENT OF STANDALONE & CONSOLIDATED FINANCIAL RESULTS FOR THE QUARTER ENDED 31ST DECEMBER 2023

INDIAN SILK GALLERY

20th Jun to 3rd Feb 2024

SATHYA SAI NIGAMAGAMAN

TOI Hyderabad, 25.01.24, epaper



THE HINDU
City

Vengaivaval case: nine file petitions objecting to polygraph test

Nine persons filed petitions in the Special Court for Trial of Cases Registered under the SC/ST (POA) Act in Pudukkottai on Saturday seeking to file counter affidavits objecting to polygraph test on them in connection with the case of mixing of faeces in drinking water tank in Vengaivayal in Pudukkottai district in December 2022. The petitioners sought a week's time to decide.

Traffic restrictions imposed in Tiruchi ahead of PM's visit

Heavy vehicles going to Chennai from southern districts diverted via Dindigul, Vaiyampatti, Manapparai, Kulithalai, Musiri, and Thuraiyur

The Tiruchi district administration has announced traffic diversions in view of Prime Minister Narendra Modi's visit to Sri Ranganathaswamy temple in Tiruchi on Saturday.

Restrictions on movement of vehicles have been imposed between 1 a.m. and 2 p.m. on Saturday, according to a traffic advisory and parking of vehicles on all Udaya Vanidhu, Chithirai Vanidhu, and Mukkuli Vanidhu in Srirangam.

A parking facility has been arranged for the benefit of publicans at Sri Andalu Arts and Science College.

Vehicles from the No. 1 toll gate should avoid the Thiruvanaikoil trunk road to reach Chathiram bus stand and instead use the Chennai National Highway. Vans loaded with fruits, vegetables, and flowers from Dindigul, Vaiyampatti, Manapparai, Kulithalai, Musiri, and Thuraiyur districts have to go through Manapparai, Check post and Tiruchi Bypass roads.

Buses from Chathiram bus stand will be diverted towards Cuddalore, Ariyalur, Perambalur, Sumangali Thirumana Nilayam, Salem, and Thiruvarambur have to go through Anna Statue, Ogaimedai to reach the Tiruchi-Chennai National Highway.

Heavy vehicles bound towards Chennai from southern districts have to go via Dindigul, Vaiyampatti, Manapparai, Kulithalai, Musiri, Thuraiyur, and Perambalur. In the return journey, the heavy vehicles would go in the opposite direction from Perambalur to Tiruchi.

Heavy vehicles from Salem and Namakkal districts have to go via Musiri, Manapparai, and Vaiyampatti to reach Dindigul. Vehicles from Karur Bypass, Kulithalai, and Thuraiyur districts should follow the same route from Kulithalai.

Srirangam uprooted sp.

Meanwhile, the Tiruchi City Corporation has uprooted 1,000 sp. trees in view of Srirangam.

The city body has removed 400 sp. trees and 600 shrubs around Sri Ranganatha Swamy temple and near the temporary helipad on the Kollidam bridge in Srirangam island.

The uprooted sp. trees will be replanted in Kattur, Kattuputhur, Arya Gowder Palayam, Ammapettai, Kallukuzhi, Thuvakudi, Kallakudi, Manikandam, Thiruverumbur,



E Paper ET Mumbai, 12.02.24



EPaper D.Bhaskar- Nashik Edition 26.02.24.



EPaper Dainic Bhaskar- Mumbai Edition 07.02.24.



EPaper Hindu -Coimbatore_02-02.24



THE HINDU
South

Work for a historic win in Assembly, LS polls, Jagan tells cadre

Controversy over KU Senate meeting refuses to die down

Governor calls Higher Education Minister R. Bindu a 'criminal' for presiding over the meeting. He says such remarks do not warrant a reply. V.C. to charge sends detailed report of meet to Chan...

WEATHERWATCH

Rahul meets kin of animal attack victims in Wayanad

IMD issues heat alert for 3 districts in Kerala today

Cong. will win 20 LS seats in Karnataka, says Siddaramaiah

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EPaper-E.T.Chennai 19-02-2024



TIMES CITY | REGION

Seat-sharing talks gather pace, DMK faces pressure from allies

Vijay thanks political leaders, fans

CPM, MDMK Want More Seats Than In 2019 Elections

'Not negotiating BJP-AIADMK deal'

TNCC faction against fielding Karti Chidambaram in Sivaganga

Man held with ₹6cr worth gold

23 fishermen held by Lankan navy

Kin of 6 Kasimedu fishermen in Pak prison want govt help

'Plan to install more ANPR cameras'

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TOI, Coimbatore_05.02.24



TIMES REGION

VISIT THE LARGEST GLOBAL TEXTILE EVENT IN INDIA

Centre biased against TN: Minister

Pondy LG, speaker clash over construction of assembly

TN to move SC to counter Karnataka's Mekedatu plan

TN farmers don't protest due to govt schemes, says minister

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IESS XI International Engineering Sourcing Show XI
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EPaper TOI Coimbatore 23.02.24.



news · bl · 11

QUICKLY.

FM asks India Inc to help realise goal of Viksit Bharat

Gaganyaan mission: PM names 'astronaut designates'

PM launches TVS Mobility open network platform and Centre of Excellence

Telangana decides to scrap Pharma City project

Centre giving special attention to port development in TN: Sarbananda Sonowal

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EPaper-HBLChennai 28-02-2024.



EPaper - Dinakaran COIMBATORE, 05.03.2024



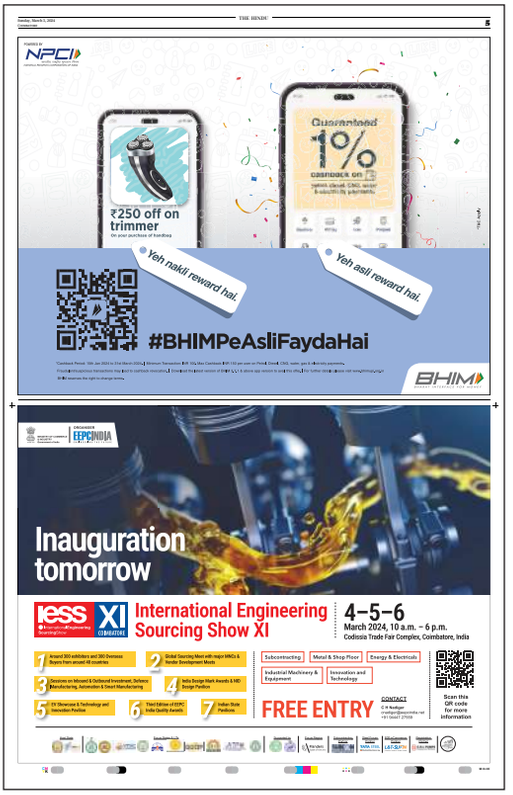
EPaper Dinakaran SALEM 04.03.2024 (1)



EPaper Dinamalar - Coimbatore, 06.03.24.



EPaper- Hidu Coimbatore, 04-03-2024



EPaper, Hindu Coimbatore, 03-03-2024



EPaper Toi Coimbatore 03-03 .24



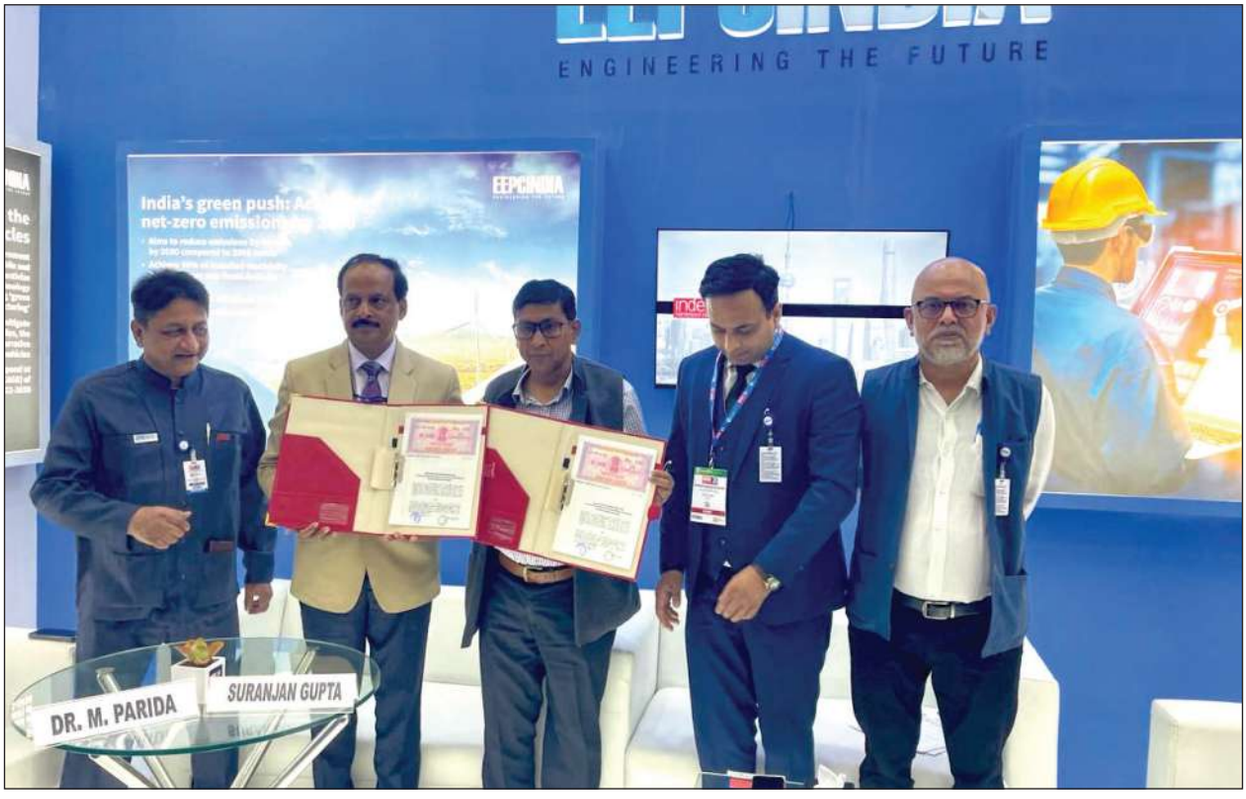
EPpaper, Hindu-Coimbatore, 01-03-2024



EPaper Dinamallar Coimbatore, EEPC , 4 Mar 2024

MEMORANDA OF UNDERSTANDING

A well planned sensitization of media in India specially in SR was done through circulation of various topical releases with IESS IX element in it .



Mr M Parida, Director, CSIR-CRRI, and Mr Suranjan Gupta, Executive Director, EEPC India, displaying signed copies of the MoU. With them are Mr DJ Basu, Director (P&A), EEPC India, Dr Satish Pandey, Principal Scientist, CSIR-CRRI, and Mr Adhip Mitra, Additonal Executive Director & Secretary, EEPC India

TESTIMONIALS

Dear Mr. Nishant and Team EEPC

Namasker from Nairobi , Kenya

I wish to thank you all and the entire Team of EEPC, for the warm welcome and Great hospitality during the IESS Show at Combinture from 4/3 to 6/3/24

The Exhibition and the seminars were worth the visit , and I found that three Days , the show was well managed and very professionally done

The Exhibitors were many and the stands were very well done. For me personally I was able to get contacts for my Company , and my members of UBA (A Business Group) where I am the Trustee , I will share the profiles and details to them for the product of interest by them .

once again I thank all of you and also inform you that this was one of the best exhibition , I have attended . I usually get four to five invites from all over the world ever year and await the next edition invite from EEPC for which I will try to bring more members of UBA to participate .

I also invite any member of EEPC board and members visiting Kenya to contact me for any help or for a meeting



Mr. Mukesh Desai
Director
Prafulchandra & Brothers Limited

Sir,

What an experience! What an Exhibition! What a glittering Show!

We are very thankful for accepting and presenting ourselves among the various eminent delegates, exhibitors and visitors under the Andhra Pradesh Pavilion.

Even though, at times, and in need of hours, your goodselves responded and your warm treatment inspite of your busy schedule is highly appreciated.

Because of your goodselves, we stood before the various business personalities and showed our abilities in a better way.

We also feel very thankful to the Govt. of Andhra Pradesh for their support and making us participate / stand in the eminent exhibition.

With regards

for GOWTHAMI PUMPS AND VALVES



Mr. K Hari Prasad
Managing Partner
Gowthami Pumps and Valves

Dear Mukesh ji,

Thank you very much for the great show of IESS XI by EEPC. We are 100% sure that we will be exhibiting next year too.

Before we miss something I have the following feedback regarding the Coimbatore show.

About Show:

1. It was a well-organized show.

2. B2B Meetings and Conferences were helpful

3. We have made good networking leads, from Buyers, independent

consultants, DRDO speakers, DGQA, and fellow exhibitors.

4. Even the Le Meridian Networking Dinner was an awesome experience.

(The band show)

Regards,

Rohit



Mr. Rohit Baptista Gonsalves
Sales Manager
Pral Exports



Hello dear M Nishikant.

Words fail me, it was a rare moment like no other.

I have participated in several trade shows, but IEESS is exceptional in terms of its organization and its exhibitors.

I met the suppliers and manufacturers, collected the business cards and also bought the Indian business directory which for me is a large-scale source of information.

Time to study all this information in order to find the ideal partners to do business with in the future.

Thanks and see you next time.



M Fozeu Pierre Marie
CEO
AFRICA CONTRACTORS SARL



I sincerely thank you for organizing and hosting IESS X1 FROM 03-03-2024 TO 06-03-2024, Thanks for providing us with 24/7 tech assistance, videoconferencing, and travel advisory services. You have a fantastic center & great team and excellent administrative staff. We're impressed with your work and your professionalism. We're looking forward to a long-term relationship with you. The HIGHLIGHT was B2B conducted in a very professional way & I am sure others like us can learn from this event. This will produce results.

Everything was perfect. We found everything to our satisfaction, indoors and outdoors. You took care of our individual needs and got everybody what they needed. I appreciate you for managing the itinerary of every one and making the atmosphere relaxing. Your highest level of professionalism is well appreciated. I must also commend your attention to hygiene.

Your professional staff played a significant role in the success of the event. The event was successful thanks to your event coordination, crowd management, and logistical support. Thank you again for your kind hospitality.



Mr. Anees Ur Rahim Siddiqui
Head Technical Sales
Mandeep Enterprise Ltd

Dear Nishikant

Excellent Service . We already stared negotiations for procurement which we found suppliers from Coimbatore.

Best Regards



Mr. H.R.S.K.Abeysekara
Accounts executive
Solas Marine Lanka Pvt. Ltd.

Dear Nishikant,

We have arrived safely in Cameroon and thank you very much for the welcome, hospitality and business opportunities that EEPC has provided us.

We had benefited from a lot of facilities that can only lead to trade facilitation. These facilities extended from the airport to the hotel and from the hotel to the event with a dedicated and friendly staff.

The b2b was very successful. The companies led by the Subcontracting and Partnership Exchange of Cameroon have achieved a good part of our objectives in meeting potential partners. Each day of the event was a real success because of the quality of the organization (transport, meals, accommodation, B2B, reimbursement, partnership welcome)

Expectations were met in terms of the quality of the proposals and the exchanges with Indian companies

We finally enjoyed the evening Gala that was offered to us as it was very friendly.

Some members of the Cameroonian delegation visited the workshops of Indians companies and are in the midst of negotiations for the purchase of industrial equipment and machinery. The development of partnerships is underway between Indian and Cameroonian companies.

We would like to see other sectors taken into account, such as the agri-food sector; surface treatment; telecommunication...

In conclusion, the mission was a great success. Looking forward to meeting again.

Many thanks to your team!!!



Mr. YAMENI EVARISTE
Chief Executive of SPX-Cameroon
The Subcontracting and Partnership Exchange of Cameroon (SPX CMR)

PARTICIPANTS PROFILE

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ABEE CAST PRIVATE LIMITED

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