



Indian Machine Tool
Manufacturers' Association

ANNUAL REPORT

2023 - 2024

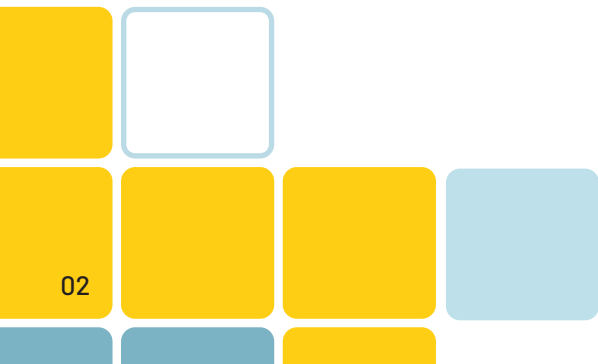
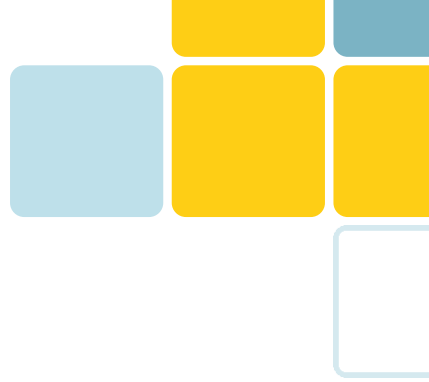


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Indian Machine Tool
Manufacturers' Association



Executive Committee 2023 - 2024

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Managing Director
Rajamane Industries Private Limited

Vice President

Mohini M. Kelkar

Director - Business Development
Grind Master Machines Private Limited

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Ace Designers Limited

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Ace Micromatic MIT Private Limited

Vikram V. Salunke

Managing Director
Accurate Gauging and Instruments Private Limited

Nisha Lobo

Director
Alex Machine Tools Private Limited

Kabir Bhogilal

Executive Director
Batliboi Limited

Dhiruj Sardar

Director
East Coast Magnets Private Limited

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Joint Managing Director
Electropneumatics & Hydraulics India Private Limited

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Managing Director
Kennametal India Limited

K. Soundhar Rajhan

Chief Strategy Officer
Lakshmi Machine Works Limited

Nikhil Agrawal

Managing Director
Nagel Special Machines Private Limited

Rajesh Bhaskar Mandlik

CEO
Setco Spindles India Private Limited

Vijay Pratap Singh

Country Business Unit Head - Motion Control
Siemens Limited

S. Sundariya

Unit Head
Wendt (India) Limited

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Managing Director
Bharat Fritz Werner Limited

Indradev Babu

Managing Director
UCAM Private Limited

P. Ramadas

Managing Director
Ace Manufacturing Systems Limited

P. G. Jadeja

Chairman and Managing Director
Jyoti CNC Automation Limited

L. Krishnan

Managing Director
TaeguTec India P. Limited

Vikram Sirur

Executive Chairman
Miven Mayfran Conveyors Private Limited

M. Lokeswara Rao

Managing Director
Lokesh Machines Limited

N. K. Dhand

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Micromatic Grinding Technologies Private Limited

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Parishudh Machines Private Limited*

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Founder Director
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Shailesh R. Sheth

Simtools Limited*

S. N. Mishra

Bharat Fritz Werner Limited*

Nirmal Bhogilal

Chairman
Batliboi Limited

R. Srinivasan

Widia India Limited*

Jamshyd N. Godrej

Chairman & Managing Director
Godrej & Boyce Manufacturing Company Limited

(*Companies represented by Past Presidents during their tenure of Presidency)

Invitees

Achal Nath

Executive Director
Ashok Manufacturing Company Private Limited

S. Tarlochan Singh

President
Association of Ludhiana Machine Tool Industries

Dr. Nagahnumaiah

Director
Central Manufacturing Technology Institute (CMTI)

Dr. N. Ramesh Babu

Professor & Head
Department of Mechanical Engineering, IIT Madras

Sunil Taneja

Managing Director
Ind-Sphinx Precision Limited

Yogin Chhaniara

President
MTMA Rajkot

Yuki Kita

President & CEO
FANUC India Private Limited

Secretariat

Jibak Dasgupta

Secretary, Director General & CEO

FOREWORD



Preparing for the Future of Manufacturing

I am pleased to present the Annual Report of Indian Machine Tool Manufacturers' Association (IMTMA) for the year 2023 - 2024.

Indian machine tool industry's performance during the year under review has been energizing despite challenges in the geopolitical landscape. The industry is at an important juncture, poised for transformation, it braces up to serve many of the emerging sectors while continuing to work closely with sectors such as auto, auto components, general engineering, etc. that it has been catering to.

Manufacturing Scenario

India is currently a 'bright' spot and occupies a large space among global economies for its inherent strengths of people and natural resources. As a consumer-driven market with strong government spending on infrastructure, investing in India holds promise.

Leading global and national institutions such as the International Monetary Fund (IMF) and Reserve Bank of India (RBI) have projected good GDP growth, increase in per capita income, consumption demand, and private capex spending.

As India's Purchasing Managers' Index (PMI) has stayed above the 50 mark for many quarters denoting expansion in industrial activities, the growth story is likely to continue

for the next 5 to 10 years. India's nominal GDP is slated to be about ₹ 611 lakh crores (US\$ 7.3 trillion) by 2030, as per S&P Global estimates, when it may become the world's third-largest economy, surpassing Japan and Germany.

The Productivity Linked Incentive (PLI) schemes offered by the Government of India is expected to encourage domestic manufacturing. Indian machine tool industry's contribution will be pivotal in this journey and the industry is poised to traverse the extra mile to keep pace with situational demands.

Indian Machine Tool Industry

Indian machine tool industry ranks 9th in Production and 6th in Consumption, globally, as per estimates from Gardner Intelligence's 'World Machine Tool Survey, 2023'.

In the financial year 2023-24, the Indian machine tool industry's production is estimated to have increased by around 10% year-on-year, reaching ₹ 13,571 crores (US\$ 1.6 billion). The industry's exports during FY 2023-24 reported a 13% growth amounting to ₹ 1,659 crores (US\$ 200 million). Machine tool consumption is estimated to have increased by 11% to reach ₹ 27,265 crores (US\$ 3.3 billion) during the period.

While cementing our relations with the auto industry which accounts for about 60% of market share, the machine tool industry needs to tap into emerging sectors such as electronics devices manufacturing, toys, aerospace and defence, railways, tool and die, furniture, and many more.

I urge the member community to identify and develop new products, adopt sustainable practices, and achieve technology acceleration through research, development, and innovation to meet the demand.

IMTMA organized 17th Vision Conclave for CEOs and UDAAN members of the Indian machine tool industry from 14 - 17 December 2023 at Varanasi. The theme of the Vision Conclave was "India at a Tipping Point, Couldn't be More Delightful" - Poser for Indian Machine Tool Industry. A global overview of the economic and industrial growth, including manufacturing over the next few years, an in-depth look into the global machine tool industry, relating it with current and futuristic trends in the Indian machine tool sector, etc. were presented and discussed at the conclave.

In FY 2023-24, IMTMA's advocacy efforts helped the machine tool industry achieve considerable success.



IMTMA's efforts included offering insights and developing practical policies benefitting the machine tool industry through interactions with the Central and State Governments.

IMTMA held meetings with the Ministry of Heavy Industries, Ministry of Commerce & Industry, Ministry of MSME, DPIIT, etc. IMTMA also worked closely with various industry associations such as CII, FICCI, ACMA, etc.

I would like to place on record IMTMA's gratitude to all these organizations for extending support over the years which has helped foster the competitiveness of the machine tool industry.

Going forward, we will continue to strengthen our advocacy efforts, ensuring that our industry's voice resonates with decision-makers and fosters a positive environment for the growth of machine tool industry in India.

There has been a renewed focus on membership enhancement. New technologies and products related to digital manufacturing and factory equipment have been incorporated into IMTMA's profile to widen the machine tool members' fraternity. An exclusive dashboard has been created for members to access information about various activities of IMTMA to foster greater engagement between the Association and its members. IMTMA also stepped up its efforts to meet members across regions to create awareness and have more inclusive and closer relationship with members.

Technology

IMTMA member companies are establishing their presence at the Tumakuru Machine Tool Park (TMTP) at Vasantha Narasapura Industrial Area, close to Bengaluru. TMTP set up by the Government of Karnataka and the Ministry of Heavy Industries, Government of India, is expected to make the domestic machine tool industry expand its capacities.

IMTMA's membership has benefitted from the Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector- Phase I and Phase II.

Advanced Manufacturing Technology Development Centre (AMTDC) located in IIT-Madras, Chennai undertook some important projects during 2023-24. The six technology development projects with industry partners progressed well and are in various stages of development.

Advanced Machine Tool Testing Facility (AMTTF) located in CMTI, Bengaluru, established by the Government of India with support from IMTMA and its members provides testing and development support to engineering and machine tool industries. AMTTF with its state-of-the-art facilities and experienced engineers has expanded its horizons to provide services to many manufacturing industries.

Publications

IMTMA's official publication, Modern Manufacturing India (MMI) helps industries stay abreast of the developments in manufacturing. The monthly newsletters published by IMTMA communicate the initiatives of IMTMA to its members.

IMTMA would continue to support its members with essential resources such as 'Directory of Members' and 'Guide to Indian Machine Tools (GIMT)'. These initiatives are part of our ongoing efforts to keep our members informed and engaged, reinforcing IMTMA's role as a catalyst for the machine tool industry's growth and excellence.

IMTMA brought out (a) Comprehensive Report on Indian Metal Working Machine Tool Industry, (b) Ten-year Indian Machine Tool Industry Data Dashboards in Looker and Power Bi, (c) Indian Economy & User Sector Trend Report, (d) Project Investments in Machine Tool User Sectors, and (e) Market Research Reports on Machine Tool Export Markets, amongst others.

Cluster Initiatives

IMTMA - MSME Cluster in Pune region 'COBIZ' completed three years and continued its activities in FY 2023 - 2024 to support small and micro enterprises in the Western region. This support included monthly meetings and visits to member companies for sharing and exchanging best practices. Sessions were organized to encourage improvements in 5S practices, digitization, better tools and systems, better resource management, and the like.

COBIZ member companies committed themselves to the Total Productive Maintenance (TPM) journey for achieving overall organizational improvement through TPM implementation.

IMTMA - MSME Cluster initiative, 'SAHAYOG' is active in the northern region to promote the interests of machine tool Small & Micro Enterprises.

Training

IMTMA has been in the forefront of sharing knowledge in the machine tool and manufacturing fraternity and skill development through its facilities like the Design Institute, Productivity Institute, and Finishing School which have been established at the IMTMA Technology Centres in Bengaluru, Pune, and Gurugram.

The short-term and long-term training programmes conducted at IMTMA Technology Centres have been benefitting the machine tool and manufacturing industries in terms of the skilling and reskilling of young engineers.

A fully functional e-learning portal, imtmaelearn.in for self-paced learning on technological advancements in machining and manufacturing online has garnered a good response from the engineering community.

The knowledge-sharing webinars and instructor-led online training programmes were an addition to the classroom training conducted in the technology centres at IMTMA. With this, there has been a rich blend of physical and digital training programmes enabling learning at flexible timings.

IMTMA conducted a total of 297 programmes inclusive of 122 online training programmes and webinars for engineers and industry professionals during 2023 - 2024. IMTMA organized 175 physical training programmes including courses initiated by the Productivity and Design Institutes. Through offline training programmes, it delivered 12,105 person-days of training.

These programmes have helped to shape the careers of students and industry professionals and enabled them to augment their knowledge and skills.

IMTMA Women Empowerment initiative

IMTMA and member industry collaboration aims at empowering women engineers through imparting necessary industry skills to create industry-ready professionals for the machine tool industry. This would enhance the employability of young women engineers and ensure their self-reliance. IMTMA continues to organize training programmes focused on empowering them to be employed across the manufacturing industry.

Mega Events

IMTMA has taken up endeavours to keep up with the changing requirements of the machine tool and manufacturing industries.

In an era of competition, automation and robotics play a crucial role in building cutting-edge products, saving costs, and meeting customer needs effectively. To realize the vision of becoming a factory of the world, industries need to move from conventional manufacturing techniques to smarter ways of manufacturing involving automation and robotics. With this background, IMTMA organized 6th edition of Symposium on Automation & Robotics on 5 - 6 October 2023 in Pune. The symposium had an overwhelming response from 220 delegates representing 70 companies.

Seventeenth edition of the National Productivity Summit was held on 9 - 10 November 2023 was held at IIT Madras Research Park in Chennai and attended by over 240 delegates. The Summit encompassed presentations on productivity improvement across diverse industry sectors. IMTMA - ACE Micromatic Productivity Championship Awards 2023 were conferred.

IMTMA organized the International Seminar on Forming Technology on 18 January 2024, a day before IMTEX FORMING 2024 at Bangalore International Exhibition Centre (BIEC), to highlight the advancements and applications in forming technologies. The Seminar was attended by over 200 delegates. International experts presented the latest developments in laser technology, the future of bending automation, innovative CMT processes, next-generation stamping technology, production solutions for high-strength aluminum, additive applications in the aerospace industry, and others.

Ninth edition of Machine Tool Industry Summit was organized by IMTMA in Goa from 30 May to 1 June 2024 with the theme, 'Strategies for Exponential Growth and Transformative Advancement in Machine Tool Industry to Aspire for Viksit Bharat'. Over 300 delegates took part in the summit which featured deliberations on various topics such as High-potential 'sunrise' manufacturing sectors, Transformation in process engineering, Operational excellence, and Impact of sustainability and ESG on future manufacturing growth and competitiveness, amongst others.

Trade Fairs

IMTEX FORMING 2024 along with concurrent shows Tooltech 2024, Digital Manufacturing 2024 and Weldexpo 2024 (in association with the Indian Institute of Welding) held from 19 - 23 January 2024 at Bangalore International Exhibition Centre (BIEC), Bengaluru, featured 625 exhibitors from 20 countries and attracted a



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footfall of over 45,000 visitors. It was the largest IMTEX FORMING show surpassing the previous edition held in 2020 by a significant margin.

The i2 Academia Square during IMTEX FORMING 2024 comprising three initiatives - Academia Pavilion, Connect and Manufacturing Technology Quiz Contest, generated good enthusiasm. The Academia Pavilion featured participation from 24 institutions.

During IMTEX FORMING 2024, IMTMA conferred the first IMTMA - Cooper Award for Outstanding Supply Chain Unit in memory of Sir D. B. Cooper to recognize units in the supply chain of the machine tool industry that had made significant contributions. UCAM Pvt. Ltd. was conferred the Award.

Export Performance Awards were conferred to companies that excelled in exports and Best Design Awards were bestowed to acknowledge companies that built indigenously designed products.

Regional Expos

The fourth edition of Delhi Machine Tool Expo was held from 24 - 27 August 2023 at Pragati Maidan, New Delhi. Metrology Expo, Weld Expo, and Digital Manufacturing were held as concurrent shows. More than 13,000 visitors visited the expo over four days.

Machine Tool Connect Kolhapur, a first-of-its-kind show, was organized by IMTMA on 8 - 9 October 2023 at the Pavillion Hotel in Kolhapur. The expo focused on bringing technologies to the doorsteps of MSMEs in the region and encouraging the adoption of new-age cutting-edge technologies and manufacturing of quality products.

IMTMA organized the third edition of Pune Machine Tool Expo (PMTX) and the first edition of Factory Equipment Expo (FACTEQ) from 25 - 28 May 2024 at Pune International Exhibition and Convention Center in Moshi, Pune successfully.

FACTEQ, co-located with PMTX 2024 had exhibitors showcasing modern factory equipment, sustainable and environmental solutions for factories, material storage and transport, and many other equipment used by factories of tomorrow.

IMTMA will continue with its endeavors to deploy a higher level of technology and digital enhancements at exhibitions, keeping in view the need to reduce adverse impacts on the environment.

IMTMA - Naoroji Pirojsha Godrej International Exhibition and Conference Complex - Bangalore International Exhibition Centre (BIEC)

BIEC has over the years earned recognition as a key destination for domestic and international exhibitions and events in India.

The year 2023 - 2024 was a significant one for BIEC as there was a growth trend in the size of some of the exhibitions which were bigger and better and drew a larger footfall of visitors compared to previous editions. Around 35 events were held during the July 2023 to June 2024 period at BIEC.

BIEC will be connected closely with the metro rail network. The extended green line of Namma Metro from Nagasandra to Madavara (BIEC) on Tumakuru road is set to be operational soon.

I am sure that BIEC will continue to evolve as India's finest and preferred state-of-the-art exhibition and conference venue.

Future Thrust

India is on the move and is moving fast with diversity and swift growth fuelled by key industry sectors which are propelling India's economy as it bids to rise from 5th position in the world GDP rankings. As it makes rapid strides on the economic front, the country's exhibitions and events sector is expected to do well something which was reflected in the second half of 2023.

I extend my thanks to the Executive Committee, Past Presidents, all stakeholders, and the IMTMA Secretariat for giving their wholehearted support.

I feel privileged to have had the opportunity to lead the Association and I am confident that IMTMA will continue to serve manufacturing industries with utmost commitment. I look forward to your active participation and support.

Rajendra S. Rajamane
President - IMTMA

ANNUAL GENERAL MEETING

77th Annual General Meeting

29 September 2023: Bangalore International Exhibition Centre, Bengaluru

Indian Machine Tool Manufacturers' Association (IMTMA) held its 77th Annual General Meeting (AGM) on 29 September 2023 at BIEC, Bengaluru. A Special Session was organized prior to the Business Session of IMTMA.

Mr. Saugata Bhattacharya, Executive Vice President and Chief Economist, Axis Bank, and Mr. Tarun Sharma, Deputy Managing Director, India EXIM Bank (Export-Import Bank of India) were the keynote speakers.



L to R: Mr. Rajendra S. Rajamane, President, IMTMA; Mr. Saugata Bhattacharya, Executive Vice President and Chief Economist, Axis Bank; Mr. Tarun Sharma, Deputy Managing Director, EXIM Bank; Mr. Ravi Raghavan, Past President, IMTMA; and Mr. Jibak Dasgupta, Director General & CEO, IMTMA at the 77th Annual General Meeting of IMTMA

Mr. Saugata Bhattacharya from Axis Bank made a presentation on the Indian economy and the likely scenario for the future. Mr. Bhattacharya listed out some of the key challenges confronting the Indian economy in its quest to be a US\$7 trillion economy and increase the share of manufacturing in India's GDP from around 16% to 25%.

Mr. Tarun Sharma from India EXIM Bank presented on leveraging export opportunities and potential for machine tool and capital goods industries. Mr. Sharma added that India's merchandise exports have been growing steadily rising to US\$451 billion in FY2023. Stressing further he said that the Indian machine tool industry needs to tap newer geographies and diversify its products in potential markets to maximize its exports.

During the business session of the AGM, Mr. Ravi Raghavan, the then President - IMTMA, highlighted several factors that favour India as it aspires to be a US\$5 trillion economy. Mr. Raghavan added that for the Indian machine tool industry the order book position, an indicator of growing consumption, looked positive for the forthcoming financial year.

At the Executive Committee meeting following the AGM, a new Executive Committee of IMTMA for 2023 - 2024 was formed. Mr. Rajendra S. Rajamane was elected as the President of IMTMA for the year 2023 - 2024. Ms. Mohini Kelkar was elected as the Vice President for the year 2023 - 2024.

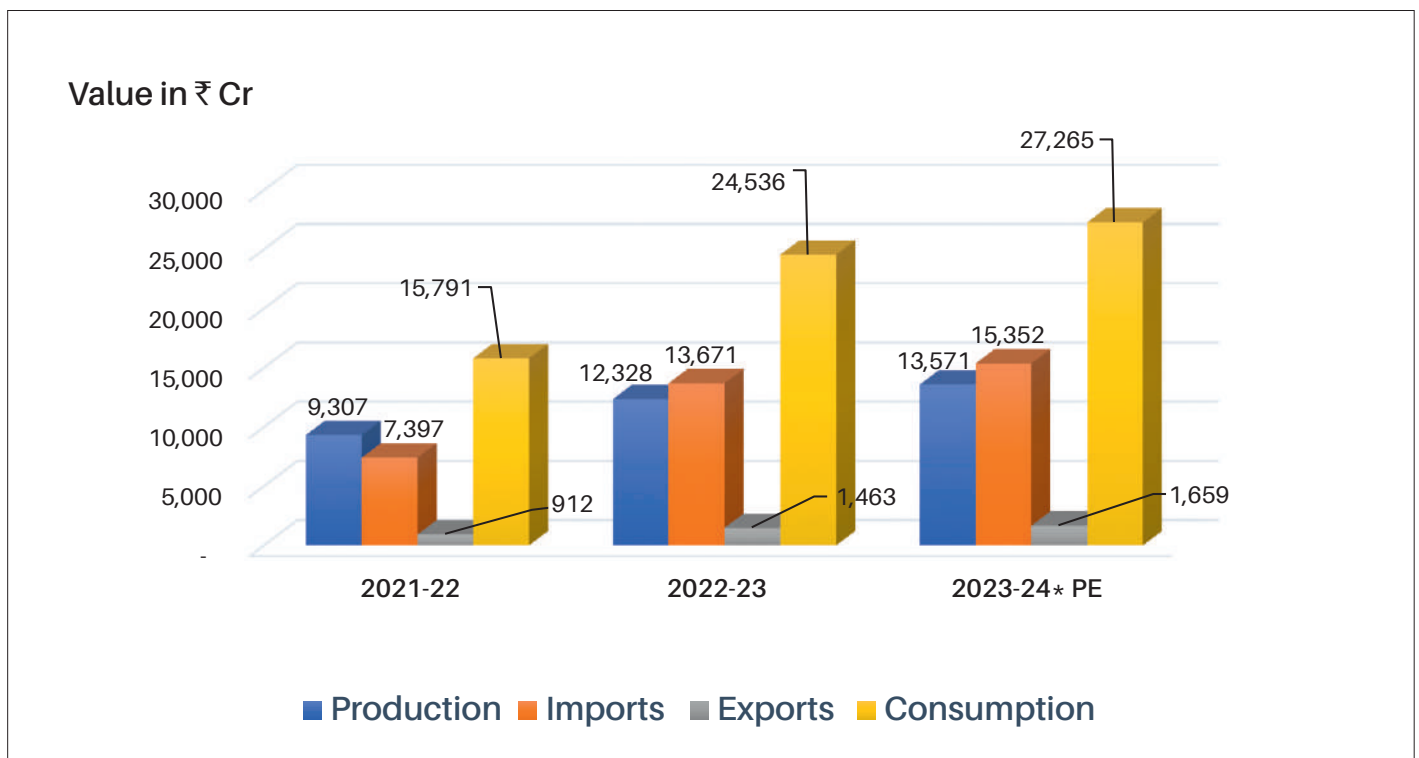


Trends in Indian Machine Tool Industry

According to the latest World Machine Tool Survey by Gardner Intelligence, India ranked 9th globally in production and 6th in consumption in 2023. During the fiscal year 2023-24, Indian machine tool production grew by approximately 10% year-on-year, reaching an estimated ₹13,571 crores (US\$ 1.6 billion), while

consumption grew by around 11% year-on-year, reaching approximately ₹27,265 crores (US\$ 3.3 billion). Export of Indian machine tools during the same period increased by 13% to ₹1,659 crores (US\$ 200 million), whereas imports grew by 12% to ₹15,352 crores (US\$ 1.9 billion).

Indian Machine Tool Industry 2021-22 to 2023-24



Note: Figures depicting the production and consumption trends of Indian machine tool industry over the last three years.

Source: IMTMA Note: *PE: Provisional Estimates

Association Initiatives

Policy Advocacy

IMTMA's advocacy and outreach endeavors with key policymaking institutions during FY 2023 - 2024 resulted in some key developments.

IMTMA continued its engagement with the Ministry of Heavy Industries, (MHI) Ministry of Commerce & Industry, Department for Promotion of Industry and Internal Trade (DPIIT), NITI Aayog, Ministry of MSME, Ministry of Finance, Government of Karnataka, (GoK) among others. IMTMA worked closely with the Confederation of Indian Industry (CII) including the CII National Committee on Capital Goods & Engineering and CII Associations, Federation of Indian Chambers of Commerce and Industry (FICCI), and other industry associations.

Some of the key meetings that the Association participated in were the meetings on India - Australia Comprehensive Economic Partnership Agreement, CII National Committee on Capital Goods and Engineering, India - Japan Business Summit, Vision Document on Foreign Trade Policy 2023, Surge in Import of Capital Goods in Indian Market, etc.

For the benefit of MSMEs, IMTMA organized interactions with select members of IMTMA to deliberate key concerns arising from tenders for machine tools floated by Indian Railway Construction International Limited (IRCON) International for MSME Tech Centres, creating awareness about Indian machine tool industry showcasing our inherent strengths, and exploring IRCON's requirements.

IMTMA has taken up with Government of India (GoI) about the tender conditionalities for procurement of machines for MSME Tech Centres and seeking incorporation of PPO 2017 and PPP MSEs applicability on the selected aggregator for turnkey project. IMTMA participated in stakeholders consultation meeting organized by the Ministry of MSME, Government of India, along with IRCON International Limited towards establishing 14 new

Technology Centres across the country.

IMTMA held interactions with Vehicle Factory Jabalpur (VFJ), a unit of Armoured Vehicles Nigam Limited (formerly an Indian Ordnance Factory), Ministry of Defence, Government of India in April 2024 to explore the possibilities to source machines and equipment from reputed Indian manufacturers and support in framing specifications for several machines and equipment.

The Government of India is formulating the National Policy on Capital Goods 2025 and they have identified six sub-groups: Super Charging Domestic Demand, Turnaround Trade Balance, Promotion of making India Manufacturing Hub, Building IP Ecosystem and Enhancing R&D, Leveraging Digital Technology, and Build Energy Transition and Sustainability. IMTMA is part of these sub-groups with the active participation of its members and the secretariat.

Other key meetings that IMTMA participated in included a meeting on Indian Industry Bodies on Quality Infrastructure, Import Surge in Key Machine Tool Segments, Aayat Niyantaran Sammelan for capital goods and auto sectors, Stakeholders Consultations on India's Engagement with European Union Bilateral Trade & Investment Agreement, Innovative Funding Mechanisms for Businesses, India - Canada Comprehensive Economic Partnership, etc.

On the technology front, IMTMA encouraged its member companies to undertake technology and product development initiatives under AMTDC and AMTTF platforms.

IMTMA participated and offered its suggestions in pre-budget consultations with industry groups on Union Budget for 2024-2025 organized by Department of Economic Affairs, Ministry of Finance, Government of India.



Association Initiatives



Dignitaries lighting the lamp to inaugurate the 17th Vision Conclave

17th VISION Conclave for CEOs and “UDAAN” Members of the Indian Machine Tool Industry

14 - 17 December 2023: Varanasi

“UDAAN” team under the enduring guidance of IMTMA “Gurus”, Mr. R. Srinivasan, Mr. Shailesh Sheth, and IMTMA office-bearers, organized 17th 'VISION' Conclave for CEOs and “UDAAN” members of the Indian machine tool industry from 14 to 17 December 2023 in Varanasi.

“India at a Tipping Point, Couldn't be More Delightful” - 'Poser for Indian Machine Tool Industry' formed the theme of 17th 'VISION' Conclave, against the backdrop of a nation's resolve to emerge as the third-largest global economy by 2028 - 2029.

17th VISION Conclave was the largest congregation of CEOs, UDAAN, and Gen-Z of the Indian machine tool industry along with a large participation of spouses - a new 'high' in the history of 'VISION' Conclaves.

Given the assertion by the nation's governance to put in place a comprehensive VISION roadmap for our nation by “Amritkaal”, the 17th Conclave commenced with a reinvigorating session on “India @ 2047”: 'Perspectives on India and its Indian Manufacturing Strategies' facilitated by Mr. Anshuman Sinha, Partner, A. T. Kearny Consulting (India).

Mr. Sinha presented a global overview of the economic and industrial growth, including manufacturing, over the next five to seven years. He spoke comprehensively about the five strategic pillars identified by way of 'VISION 2047'

for the Indian capital goods industry.

Followed next were two insightful sessions: 'Current Standing Points in Indian Machine Tool Industry' by “UDAAN” chairperson and 'Tech Trends - 2032 and 2047' by IMTMA. 'Current Standing Points' gave an in-depth analysis of the global machine tool industry, relating it to current and futuristic trends in the Indian machine tool sector. 'Tech Trends' called for building sustainable machine tools.

A session on 'Current Scorecard - where are we in respect to VISION 2022 and MISSION 2022' was also held. The brainstorming workshop was scheduled over two days and jointly anchored by “Gurus” Mr. Srinivasan and Mr. Sheth and ably supported by co-facilitators, Mr. Raghavan Mukund and Mr. Shrihari Udupa.

The workshop involved articulation, deliberation, establishing, and framing of a new 'VISION' declaration; a new 'MISSION' strategy; and a new 'Roadmap / Strategic Actions' for implementation. Beyond all, outlining a universal “Purpose” for the Indian machine tool industry.

The exercise, undertaken through an intrinsic involvement of every participating member, involved capturing 'expectations' as also 'description of IMTMA' followed by framing of an all-encompassing matrix each on 'VISION Elements', 'VISION Contradictions' and 'VISION Strategic Actions'.

The derived matrixes formed the basis for the evolution of a “PURPOSE”, followed by the new 'Vision' declaration, and in turn the 'MISSION 2028' strategies for the Indian machine tool industry.

Accentuation of 'VISION' has been its evening nostalgias - 17th Conclave not only being no different, was spiritually nostalgic in the heritage hub of central India.

The 17th Conclave concluded with a memorable presentation on “Quarter-Century of 'VISION' Journey” by the President of IMTMA, with rich and special tributes offered to the Industry and 'VISION' “Gurus” - Mr. R. Srinivasan, Mr. Shailesh R. Sheth and Late Mr. H. R. Gupta.

Association Initiatives

An exclusive session, Kabhi Khushi Kabhi Ghum for spouses was facilitated by Mr. Shrihari Udupa. Machine tool industry Vision Statement was released during 17th Vision Conclave.

'PURPOSE' & 'VISION' Declaration and 'MISSION 2028' strategies are given below:



VISION

**PURPOSE-
Why we exist**

We deliver world-class manufacturing solutions that enrich lives

VISION

We will create **Value for Customers** through **Technology Leadership**, **Transforming our Organization** with **empowered people** and grow, **Sustainably**

Udaan
Emerging Leaders
Expanding Horizons



Machine tool industry Vision Statement released during 17th Vision Conclave



VISION

MISSION 2028

- ✦ Establish holistic strategy maps and align entire organisation towards its deployment within one year with periodic reviews
- ✦ Technology acceleration through Centres-of-Excellence, Academia, and customer collaboration with 3% revenue spends
- ✦ Actively engage with customers to identify and develop new products and solutions to contribute 30% of sales target
- ✦ Empower, inspire and cultivate exceptional leaders who transform our organisation to embrace diversity and deliver cutting edge solutions
- ✦ Flexible, responsive, sustainable operations with measurable KPIs to meet changing customer needs
- ✦ We will adopt sustainable practices and get GreenCo certified for silver, gold and platinum
- ✦ To have five companies to be in the top 100 India's best companies to work - (GPTW)

Udaan
Emerging Leaders
Expanding Horizons



Machine tool industry Mission Statement released during 17th Vision Conclave



Association Initiatives

AMTTF Advanced Machine Tool Testing Facility



Pictured above are facilities at AMTTF campus

Advanced Machine Tool Testing Facility (AMTTF) in Bengaluru specializes in providing testing and calibration services for machine tools and other engineering industries. AMTTF was established in the year 2011, as a joint project by the Government of India, Indian Machine Tool Manufacturers' Association (IMTMA), and industry partners.

AMTTF offers a wide range of testing and calibration services, including geometric testing, vibration analysis,

thermal analysis, and accuracy testing. The facility has a variety of equipment for vibration analysis, EMI/EMC testing, modal analysis, spindle error analysis, thermal analysis, residual stress and retained austenite testing (XRD), and other equipment like laser interferometer, ball bar, spindle balancer, etc. All these find wide-ranging applications in the manufacturing domain.

Its state-of-the-art facilities with experienced and highly skilled engineers help to improve the quality and accuracy of machine tools and other precision manufacturing equipment. This, in turn, helps to support the growth of the manufacturing industry in India and ensures that the country remains competitive in the global market.



Pictured above are facilities at AMTTF campus

AMTTF has carried out over 670 assignments in FY 2023-2024 including performance evaluation and testing of several 5-axis machines, multi-tasking machines, long stroke milling machines, lathes, etc.

Association Initiatives



Advanced Manufacturing Technology Development Centre (AMTDC)

Advanced Manufacturing Technology Development Centre (AMTDC), a centre of excellence on machine tools and production technology at IIT-Madras in Chennai is a vital facility for the development of manufacturing technologies in India. Established by the Ministry of Heavy Industries, Government of India and IMTMA, the centre is

working on various aspects of manufacturing.

The technology development projects initiated by six industry partners are in various stages of development.

Some of the products and technologies developed under the Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector- Phase I floated by the Ministry of Heavy Industries, Government of India with the IMTMA member community were on display at IMTEX FORMING 2024.

IMTMA - MSME Cluster Initiatives

COBIZ- 'Collaborative Business'



Pictured above a group picture of participants during a COBIZ meeting

IMTMA-MSME Cluster in Pune region, known as COBIZ - 'Collaborative Business', which embarked on its journey in 2021, has remained steadfast in its mission to empower small and micro enterprises (SMEs) in the Western region over the past three years.

During FY 2023-2024, various monthly meetings and visits to member and non-member companies were conducted to share and exchange best practices. COBIZ members also participated in the IMTMA VISION workshop. Various sessions were conducted for the benefit of members, focusing on 5S practices, digitization, improved tools and systems, better resource management, and more.

Notably, four COBIZ member companies have committed to the Total Productive Maintenance (TPM) journey. The aim is to achieve overall organizational improvement by enhancing both people and equipment through TPM implementation.

"SAHAYOG" - 'Collaboration for Success', a similar cluster, is active in the northern region that conducts various activities for SME members.



Association Initiatives

IMTMA Regional Council (North)

Meeting on 14 September 2023: Ludhiana



Participants at the 50th meeting of IMTMA Regional Council (North) held on 14 September 2023 in Ludhiana

The 50th meeting of IMTMA Regional Council (North) was held in Ludhiana. The meeting was chaired by Mr. Sunil Taneja, Chairman, Regional Council (North). Mr. Tarlochan Singh, President, Association of Ludhiana Machine Tool Industries (ALMTI), Mr. Jagtar Singh, Former President, ALMTI, and Mr. Sushil Kumar, General Secretary, ALMTI addressed the members. An interactive meeting and plant visit to Highway Industries Limited was organized.

Meeting on 26 February 2024: Ludhiana



Participants during the 51st IMTMA Regional Council (North) meeting held on 26 February 2024 in Ludhiana

The 51st meeting of IMTMA Regional Council (North) was held in Ludhiana. Mr. Sunil Taneja, Chairman, Regional Council (North) chaired the meeting. It was decided that Regional Council (North) would schedule an 'E-learning session' on Government E-Marketplace portal and its benefits, for the northern region. The need to organise a "Regional 'VISION' Conclave" for IMTMA Northern Region Members as well as for ALMTI Governing Council Members, during August 2024 somewhere near Ludhiana was also discussed during the meeting.

Meeting on 5 June 2024: Chandigarh

The 52nd meeting of IMTMA Regional Council (North) was held at the CII Northern Region Headquarters in Chandigarh. Mr. Sunil Taneja, Chairman, IMTMA Northern Regional Council chaired the meeting and welcomed members to the 52nd meeting.

Mr. Jibak Dasgupta, Director General & CEO, IMTMA

made a presentation of IMTMA's diverse activities beyond IMTEX, including exhibitions, technical trainings, policy advocacy, and international presence. He also spoke at length about IMTMA's regional exhibitions, Pune Machine Tool Expo, Delhi Machine Tool Expo, and MTX Connect Rudrapur. He also urged members to participate in international exhibitions.

IMTMA Regional Council (West)

Meeting on 12 September 2023: Aurangabad



Participants during the IMTMA Regional Council (West) meeting held on 12 September 2023 in Aurangabad

A meeting of IMTMA Regional Council (West) was held at Grind Master Machines Private Limited facility in Aurangabad. Members discussed industry trends, activities of the western regional council, enhancing the membership, COBIZ-MSME cluster activities, sponsorship for IMTMA women empowerment programmes, etc. Following the meeting members visited both factories of Grind Master Machines and interacted with the team.

Association Initiatives

Meeting on 10 January 2024: Pune



Participants from the IMTMA Regional Council (West) meeting held on 10 January 2024 in Pune

A meeting of IMTMA Regional Council (West) was held at Accurate Gauging & Instruments Private Limited in Pune. Members discussed data trends, academic interaction with engineering institutes through IMTMA, participation in international fairs, branding, exports, and IMTMA's upcoming events. The meeting was followed by a presentation on best practices by Accurate Gauging & Instruments Private Limited and a visit to the company's facility in Hadapsar.

IMTMA Regional Council (South)

Meeting on 7 July 2023: Bengaluru



Participants from the IMTMA Regional Council (South) meeting held on 7 July 2023 in Bengaluru

Bengaluru. Coinciding with this meeting, a visit to the laboratories and facilities at CMTI was organized. Members discussed with CMTI the possible collaboration for solutions pertaining to product upgradation, prototype testing of machines, material requirements, etc. towards enhancing the technology capabilities of machine tools.

A meeting of IMTMA Regional Council (South) was held at Kennametal India Limited in Bengaluru. Coinciding with this meeting, a visit to the shop floor at Kennametal India was organized. Kennametal gave a presentation on Best practices in green manufacturing/sustainability being implemented by them. Mr. Surendra Singh, Technical Advisor, All-India Agricultural Machinery Manufacturers' Association made a presentation on business opportunities for machine tool companies in agricultural machinery manufacturing equipment sector.

Meeting on 31 January 2024: Hosur



Participants from the IMTMA Regional Council (South) meeting held on 31 January 2024 in Hosur

A meeting of IMTMA Regional Council (South) was held at Wendt (India) Limited in Hosur. Coinciding with this meeting, a visit to the shop floors at Wendt (India) Limited was organized. Mr. Dharmesh Babu, Zonal Manager - Regional Outreach, Department of Industries, Government of Tamil Nadu presented the vision of a \$1 trillion economy by 2030. Mr. K. Seenivasan, Associate Vice President, Titan Company Limited gave an update on Hosur Industries and skill development. Mr. Mukesh Kumar Hamirwasia, Chief Financial Officer, Wendt (India) Limited made a presentation on environmental sustainability government practices at Wendt (India) Limited.

Meeting on 6 October 2023: Bengaluru



Participants from IMTMA Regional Council (South) meeting on 6 October 2023 in Bengaluru

A meeting of IMTMA Regional Council (South) was held at Central Manufacturing Technology Institute (CMTI) in



Indian Machine Tool
Manufacturers' Association

Trade Fairs



19 - 24 January 2024, Bangalore International Exhibition Centre, Bengaluru

IMTEX FORMING 2024 along with concurrent shows Tooltech, Digital Manufacturing, and Weldexpo (held in association with the Indian Institute of Welding), organized by Indian Machine Tool Manufacturers' Association (IMTMA) between 19 and 23 January 2024 at

Bangalore International Exhibition Centre (BIEC), Bengaluru. The exhibition featured 625 exhibitors from 20 countries and attracted a footfall of 44,779 visitors. Enquiries worth ₹4,500 - 5,000 crores (\$ 590 million) and Orders of ₹500 - 550 crores (\$ 60 million) were generated.



Dignitaries lighting the ceremonial lamp at IMTEX FORMING 2024 inauguration.
L to R: Mr. Rajendra S. Rajamane, President, IMTMA, Mr. C.K. Venkataraman, Managing Director, Titan Company, Ms. Mohini Kelkar, Vice President, IMTMA, Ms. Geetanjali Kirloskar, Chairperson & Managing Director, Kirloskar Systems Limited, Mr. Jamshyd N. Godrej, Chairman-Exhibitions, IMTMA, Mr. Jibak Dasgupta, Director General & CEO, IMTMA



Dignitaries cutting the ribbon to open IMTEX FORMING 2024.
L to R: Mr. Jibak Dasgupta, Director General & CEO, IMTMA, Mr. Jamshyd N. Godrej, Chairman-Exhibitions, IMTMA, Ms. Geetanjali Kirloskar, Chairperson & Managing Director, Kirloskar Systems Limited, IMTMA, Mr. C.K. Venkataraman, Managing Director, Titan Company, Mr. Rajendra S. Rajamane, President, IMTMA, Ms. Mohini Kelkar, Vice President, IMTMA

Trade Fairs

Inauguration

The exhibition was inaugurated by Mr. C.K. Venkataraman, Managing Director, Titan Company Limited, and Ms. Geetanjali Kirloskar, Chairperson & Managing Director, Kirloskar Systems Limited. Mr. Jamshyd N. Godrej, Chairman-Exhibitions, IMTMA, Mr. Rajendra S. Rajamane, President, IMTMA, Ms. Mohini Kelkar, Vice President, IMTMA and Mr. Jibak Dasgupta, Director General & CEO, IMTMA shared the dais at the inauguration.

Key Facts and Figures

- Number of Exhibitors: 625+
- Number of Visitors: 44,779
- Exhibition Space: 45,000 square metres
- Exhibitors from 20 countries - Germany, Japan and Taiwan participated in group pavilions
- Participation from Global Associations: AMT - The Association for Manufacturing Technology | JFMA - Japan Forming Machinery Association | JMTBA - Japan Machine Tool Builders' Association | TAMI - Taiwan Association of Machinery Industry | UCIMU - Ucimu-Sistemi Per Produrre | VDW Germany
- Participation from Indian Associations / Institutions: Advanced Manufacturing Technology Development Centre (AMTDC) | Advance Machine Tool Testing Facility (AMTTF) | Automotive Component Manufacturers Association of India (ACMA) | Confederation of Indian Industry (CII) | Central Manufacturing Technology Institute (CMTI) | The Indian Institute of Welding (IIW-India) | Tool & Gauge Manufacturers Association (TAGMA) | Tumakuru Machine Tool Park (TMTP)
- 850 industries and trade delegations from around 250 companies visited IMTEX FORMING 2024: Aeronautical Development Agency (ADA), Airbus, Ammunition Factory, Ather Energy, Auto Cluster, Axles India, Bajaj Auto, BEL, BHEL, Bhabha Atomic Research Centre (BARC), Boeing, Carborundum, Continental Automotive, Department of Defence Production, Escorts Kubota, Ferra Aerospace, Godrej & Boyce, HAL, Havells, Hawkins, Honda Motorcycles, India Yamaha, Infosys, Kirloskar Brothers, Rolls Royce, ISRO, L&T Construction, Neel Metal, Mahindra & Mahindra, Musashi, NAL, Ordnance Factory, Rail Wheel Factory, TAGMA, Tata Electronics, Tata Sikorsky Aerospace, Titan Company, ThyssenKrupp, Toyota Industries Engine India, Toyota Kirloskar Auto Parts, TVS Motors, TTK Prestige, U R Rao Satellite Centre, and Wheels India (List Illustrative).



Dignitaries releasing IMTMA publications during IMTEX FORMING 2024.
L to R: Ms. Mohini Kelkar, Vice President, IMTMA,
Mr. Rajendra S. Rajamane, President, IMTMA,
Ms. Geetanjali Kirloskar, Chairperson & Managing Director,
Kirloskar Systems Limited, Mr. C.K. Venkataraman, Managing Director,
Titan Company, Mr. Jamshyd N. Godrej, Chairman-Exhibitions, IMTMA,
Mr. Jibak Dasgupta, Director General & CEO, IMTMA



Trade Fairs

IMTMA - Cooper Award for Outstanding Supply Chain Unit in memory of Sir D. B. Cooper to recognize units in the supply chain of the machine tool industry that had made significant contributions was conferred to UCAM Private Limited.



Mr. Indradev Babu, Managing Director, UCAM and Past President, IMTMA with the IMTMA - Cooper Award for Outstanding Supply Chain Unit in memory of Sir D. B. Cooper

Export Performance and Best Design Awards were conferred to acknowledge companies that built indigenously designed products and excelled in exports. IMTMA Export Performance Award 2024 was conferred to:

- ISGEC Heavy Engineering Limited in Metal Forming Manufacturer Category
- Jyoti CNC Automation Limited in Metal Cutting Manufacturer Category
- IND-Sphinx Precision Limited in Sub-System Accessories Manufacturer Category
- ITL Industries Limited received Jury Appreciation Award

IMTMA Best Design Award 2024 was conferred to:

- Electropneumatics & Hydraulics (I) Private Limited for CNC hybrid bender model 50CNC5X3
- Valgro India Limited for Deburring edge rounding and scale removal machine SLR28D

Jagruti

Participation by 26 engineering college students from different parts of India such as Chennai, Bengaluru, Baroda, Ahmedabad and Mumbai.

i2 Academia Square

The i2 Academia Square comprised three initiatives – Academia Pavilion, Connect and Manufacturing Technology Quiz Contest:

Academia Pavilion

Academia Pavilion featured participation from 24 institutions.

Awards:

- **First Prize:** SASTRA Deemed to be University, Thanjavur for Development of Trimming Die Using Bound Powder Extrusion Process.
- **Second Prize:** KLS Gogte Institute of Technology, Belagavi for Development of Steel Foams Manufactured from Machining Waste for Automobile Crash Protection.
- **Third Prize:** Chennai Institute of Technology, Chennai for Repairing of Damaged Die by Wire Arc Additive Manufacturing.
- **First Consolation Prize:** Amrita Vishwa Vidyapeetham, Amritapuri for Humanoid Mobile Robots for Multipurpose Societal Applications.
- **Second Consolation Prize:** Indian Institute of Technology, Bombay for Sheet Metal Forming and Solid State Recycling Shopfloor Scrap.

Manufacturing Technology Quiz Contest

- M.S. Ramaiah University of Applied Sciences, Bengaluru bagged the first position.
- Chennai Institute of Technology, Chennai got the second position.

Connect

Over 20 companies participated in the programme offering nearly 150 vacancies to job seekers.

Trade Fairs



24 - 27 August 2023: New Delhi



Mr. Bharat Bhushan, Director, Tubetech Equipment Private Limited lighting the lamp at DMTX 2023 inauguration.

*L to R: Mr. Jibak Dasgupta, Director General & CEO, IMTMA
Mr. Ravi Raghavan, President, IMTMA, Mr. Bharat Bhushan, Director, Tubetech Equipment Private Limited,
Mr. Rajendra S. Rajamane, Vice President, IMTMA*



Dignitaries releasing publications during DMTX 2023 inauguration.

*L to R: Mr. Jibak Dasgupta, Director General & CEO, IMTMA,
Mr. Ravi Raghavan, President, IMTMA,
Mr. Bharat Bhushan, Director, Tubetech Equipment Private Limited,
Mr. Rajendra S. Rajamane, Vice President, IMTMA*

Indian Machine Tool Manufacturers' Association (IMTMA) organized the fourth edition of the Delhi Machine Tool Expo (DMTX 2023) from 24 - 27 August 2023 at Pragati Maidan, New Delhi in an exhibition space of around 12,000 square metres. Metrology Expo, Weld Expo, and Digital Manufacturing were held as concurrent shows.

More than 13,000 visitors visited the show over four days. The exhibition was inaugurated by Mr. Bharat Bhushan, Director, Tubetech Equipment Private Limited. Mr. Ravi Raghavan, President, IMTMA, Mr. Rajendra S. Rajamane, Vice President, IMTMA, and Mr. Jibak Dasgupta, Director General & CEO, IMTMA were present at the inauguration.



Pictured above large footfall of visitors during DMTX 2023



Visitors interacting with Exhibitors during DMTX 2023

Exhibitors at the expo showcased state-of-the-art technologies focusing on manufacturing solutions for metalworking industries based in and around Delhi and

the National Capital Region. The expo had a significant presence of over 200 exhibitors representing 10 countries.



Trade Fairs

MTXCONNECT

8 - 9 October 2023: Kolhapur



Pictured above dignitaries lighting the lamp during MTX Connect 2023 inauguration

The first edition of Machine Tool Connect Kolhapur (MTX Connect Kolhapur 2023), organized by Indian Machine Tool Manufacturers' Association (IMTMA) at Pavillion Hotel in Kolhapur from 8-9 October 2023.

MTX Connect Kolhapur 2023 was inaugurated by Mr. Nitin Deshpande, Chief Human Resources, Cooper Corporation and Mr. R.V. Gumaste, Managing Director, Kirloskar Ferrous Industries Ltd. Mr. Rajendra S. Rajamane, President, IMTMA, also presided over the inauguration ceremony.



Visitors during a conference at MTX Connect Kolhapur 2023



Participants at MTX Connect Kolhapur 2023

Around 40 exhibitors from across the country presented their manufacturing solutions. Technologies related to machine tools, digital manufacturing, laser technologies, tooling and metrology were showcased. Visitors from user sectors such as agriculture implants, automobile, and auto components, construction, die and mould, engineering

goods, foundry, railways, textiles, and many others visited the expo.

IMTMA signed a memorandum of understanding (MoU) with the Centre of Excellence Kolhapur Foundry & Engineering Cluster during the expo.

Trade Fairs



25 - 28 May 2024: Pune



Dignitaries on the dais on occasion of Pune Machine Tool Expo 2024 inauguration. L to R: Mr. Jibak Dasgupta, Director General & CEO, IMTMA, Mr. Rajendra S. Rajamane, President, IMTMA, Mr. Amol Nagar, Executive Director - Global Supply Chain GE Aerospace, Cincinnati OH, Mr. Farrokh N. Cooper, Chairman & Managing Director, Cooper Corporation Private Limited, Mr S. S. Survase, Joint Director of Industries, Directorate of Industries, Government of Maharashtra, Ms. Mohini Kelkar, Vice President, IMTMA, and Mr. Rajesh Mandlik, Chairman - IMTMA Regional Council (West)

Indian Machine Tool Manufacturers' Association (IMTMA) successfully held the third edition of Pune Machine Tool Expo (PMTX) and the first edition of the Factory Equipment Expo (FACTEQ) from 25 - 28 May 2024 at Pune International Exhibition and Convention Center, Moshi, Pune.

Exhibitors at PMTX showcased metal cutting and metal forming technologies including automation and robotics, tooling systems, CAD / CAM and other technologies. FACTEQ, co-located with PMTX 2024 had exhibitors showcasing modern factory equipment, security and safety systems, sustainable and environmental solutions

for factories, material storage and transport, and many other equipment used by factories of tomorrow.

An overview of PMTX 2024 & FACTEQ 2024

- 220 exhibitors
- Visitors from 445 cities
- 12,000 square meters of exhibition space
- 13,195 visitors

PMTX & FACTEQ 2024 was inaugurated on 25 May 2024 by Mr. Farrokh N. Cooper, Chairman & Managing Director, Cooper Corporation Private Limited, Mr. Amol Nagar, Executive Director - Global Supply Chain GE Aerospace, Cincinnati OH, and Mr. S. S. Survase, Joint Director of Industries, Directorate of Industries, Government of Maharashtra.

Mr. Rajendra. S. Rajamane, President, IMTMA, Ms. Mohini Kelkar, Vice President, IMTMA, Mr. Rajesh Mandlik, Chairman - IMTMA Regional Council (West), and Mr. Jibak Dasgupta, Director General & CEO, IMTMA presided over the inauguration.

Visitors from automobile and auto components, general engineering, electrical and electronics, renewable energy, medical and pharma equipment, aerospace, defence, railways, agriculture and farm equipment, consumer durables, and white goods, etc. attended the show.



Mega Events

Symposium on Automation & Robotics 2023

5 - 6 October 2023: Pune



*Dignitaries at the inauguration of Symposium on Automation & Robotics 2023.
L to R: Mr. G. Sundararaman, Co-CEO, Wipro PARI Private Limited,
Mr. Rajendra S. Rajamane, President, IMTMA, Dr. Sadashib Padhee, Director,
Samarth Udyog Technology Forum, Mr. Sunil Mehta, President, Automation
Industry Association, Mr. Guru Prasath K.R., Executive Director, IMTMA,
Mr. N.P. Sridhar, CEO, Titan Engineering and Automation,
Mr. Ravi Agarwal, Managing Director, Pepperl+Fuchs*



*Panelists engaged in a discussion during Symposium on
Automation & Robotics 2023*

Indian Machine Tool Manufacturers' Association (IMTMA) organized 'Symposium on Automation & Robotics 2023' on 5 - 6 October 2023 at Hotel TipTop International in Pune. The 6th edition of the Symposium featured interesting panel discussions and presentations by industry leaders from various sectors on automation and robotics.

Over 220 delegates representing around 70 companies across 15 cities participated in the symposium. The exhibition, held alongside the conference, attracted visitors who had the opportunity to view the products and technologies on display, in addition to engaging in technical deliberations during the conference.

The symposium was inaugurated by Mr. Sunil Mehta, President, Automation Industry Association, Mr. G. Sundararaman, Co-CEO, Wipro PARI Private Limited, Dr. Sadashib Padhee, Director, Samarth Udyog Technology Forum, and Mr. Rajendra Rajamane, President of IMTMA. The topics of discussions and presentations covered artificial intelligence, automation, laser welding, sensors for Industry 4.0, robotics, machine learning for manufacturing, digital manufacturing, cobots, and the use of digital imaging, among others. The sessions highlighted new developments in human-centric automation.

Presentations included 'AI at Edge - Making Automation Easier'; 'Factory Automation'; 'Laser Welding Automation - A Case Study on EV Battery'; 'Hydraulic Muscle for Automation'; 'Sensors for Industry 4.0'; 'Digital Imaging based Intelligent Inspection'; 'MSMEs on CLOUD nine'; 'Welding Automation for Deskilling the welding process'; 'Gripping and Automation Technology - Innovations for Simplified Adaptability'; 'Robots with Intelligence'; 'AI-ML applied to Manufacturing'; 'Human-Centric Approach to Automation and Industry 4.0'; 'Robots for Adaptive Automation'; 'Success story and tips for Digital Manufacturing Implementation'; and 'Globally Proven Strategies for effective Cobot application deployment'.

Panel discussions were held that brought forth highly insightful outlooks of the industry specialists from Mitsubishi Electric, Pepperl+Fuchs, Titan Engineering and Automation Limited (TEAL), Wipro PARI, Siemens, Google Cloud, Bajaj Auto, Ather Energy, InnovaPoint, Accurate Gauging & Instruments, Fine Handling, Ascent Intellimation, Trumpf (India), Bystronic, APM Technologies, and ISGEC. The topics were 'New Technology Trends in Manufacturing Automation'; 'Is Automation Driven by Push or Pull?'; 'Affordable Automation'; and 'Automation in Sheet Metal Forming'.

The symposium holds significance and is crucial for young engineers to embrace automation and robotics technologies, according to industry experts.

Mega Events

National Productivity Summit 2023

9 - 10 November 2023: Chennai

Indian Machine Tool Manufacturers' Association (IMTMA) organized the 17th edition of National Productivity Summit on 9 - 10 November 2023 at Indian Institute of Technology - Madras Research Park, Chennai. Over 240 delegates participated in the summit.



Dignitaries sharing the stage at the inauguration of National Productivity Summit 2023. L to R: Mr. Guru Prasath K.R., Executive Director, IMTMA, Mr. T.K. Ramesh, CEO, ACE Micromatic Group, Mr. S. Muralishankar, Managing Director, Super Auto Forge, Mr. Rajendra S. Rajamane, President, IMTMA, and Mr. P.J. Mohanram, Principal Advisor, IMTMA



Mr. S. Muralishankar delivering his keynote address

The summit was inaugurated by Mr. S. Muralishankar, Managing Director, Super Auto Forge Private Limited who emphasized the pivotal role of productivity in India's growth story. In his keynote address on "Relevance of productivity in the current global market," he presented an

insight into the prevailing best practices in the manufacturing industry.

Mr. G Parthipan, Chief Executive Officer, ZF Rane Automotive India in his keynote address, "ZF Rane - Journey towards Manufacturing Excellence" spoke about ZF Rane's progress in manufacturing.

The National Productivity Summit is held to champion the cause of productivity and enhance competitiveness in Indian manufacturing through presentations on productivity improvement across diverse sectors. It showcases best practices in manufacturing through enriching keynotes, live case study presentations, plant visits, success stories, and so on. The summit brings out why companies should embrace an integrated approach to increase manufacturing productivity, and how to prepare their people, processes, and technology as part of this journey of productivity excellence.

Companies unveiling groundbreaking innovations were acknowledged. AceMicromatic Group presented awards aimed at fostering productivity in manufacturing processes. These accolades, showcasing the dynamism and unwavering commitment to excellence within the manufacturing community, were distributed across various categories.

In the auto category, TAFE - Tractors and Farm Equipment Limited secured the first prize, followed by Hero MotoCorp Limited clinching the second prize and Tata Motors Limited securing the third prize. In the non-auto category, the first prize was awarded to Durgapur Steel Plant, the second prize went to Godrej & Boyce Manufacturing Company Limited, and the third prize was secured by Sahajanand Laser Technology Limited.

Distinct Productivity Solutions - India emerged as the SME Productivity Champion, while GK Industrial Components LLP received the SME Jury Recommendation. Milacron India Private Limited was honoured with the Certificate of Merit. Toyota Kirloskar Auto Parts Private Limited received the Vox Populi award.



Mega Events

International Seminar on Forming Technology

18 January 2024: Bengaluru



Ms. Mohini Kelkar, Vice President, IMTMA delivering her address at the inauguration of International Seminar on Forming Technology 2024

8th International Seminar on Forming Technology 2024 was held on 18 January 2024 at Bangalore International Exhibition Centre (BIEC), Bengaluru, which featured Indian and international experts presenting developments from across a cross-section of manufacturing industries.

Participants threw light on many of the lesser-known technologies, new equipment features, new applications, new specs, and performance levels. The seminar featured 3 enlightening keynotes and 18 technical presentations in two concurrent sessions and four streams viz., “New Technology Trends”, “Equipment & Processes”, “Laser

Applications and Joining” and “Tools and Enabling Ecosystem”.

Speakers from Germany, Italy, Japan, Sweden, and India represented leading brands in the Forming arena. These included organizations such as ISGEC Heavy Engineering, Electropneumatics & Hydraulics India, AP&T-ALF, Bystronics, Trumpf, Felss, Fronius, Tata Technologies, L&T Defence, Godrej Aerospace, Data M, Marposh, DAVI-Promau, IIT Bombay, Fibro, Autoform, Scansonic GmbH, Proteck, Hexagon, and Japan Steel Works.

With India embarking on opening up the aerospace and defence and AatmaNirbhar Bharat initiatives, the seminar presented a great opportunity for the manufacturing community to augment its positioning.

Over 200 delegates participated in the seminar and gained insights into the latest developments in forming technology. They also got an opportunity to visit IMTEX FORMING 2024 and get a first-hand view of the latest technologies in metal forming on display, from reputed companies across the globe.

Mega Events

Machine Tool Industry Summit

30 May - 1 June 2024: Goa



Dignitaries sharing the dais at the 9th Machine Tool Industry Summit 2024 in Goa. L to R: Ms. Mohini Kelkar, Vice President, IMTMA, Ms. Swati Salgaocar, Chairperson - Western Region, Confederation of Indian Industry and President, V.M. Salgaocar & Brother Private Limited, Mr. Rajendra S. Rajamane, President, IMTMA, and Mr. Jibak Dasgupta, Director General & CEO, IMTMA

Indian Machine Tool Manufacturers' Association (IMTMA) organized 9th edition of its flagship Machine Tool Industry Summit (MTIS 2024) at Holiday Inn Resort in Goa from 30 May to 1 June 2024. The theme for this Summit was "Strategies for Exponential Growth and Transformative Advancement in Machine Tool Industry to Aspire for 'Viksit Bharat'.

Held once in two years, the Machine Tool Industry Summit provides a platform to the machine tool industry including the machine tool builders, sub-system suppliers,

accessories and allied equipment manufacturers, and stakeholders to network, collate ideas, and set forth a process of organized thinking, analysis, and deliberations.

Over 300 delegates from a wide spectrum of the machine tool industry participated in the summit. The 3-day summit featured thought-provoking presentations and panel discussions from the Indian manufacturing and machine tool industry, which provided a platform for introspections, brainstorming, and networking.

The inaugural session witnessed address by 'Chief Guest' Dr. Naushad Forbes, Co-Chairman, Forbes Marshall Private Limited and Past President, Confederation of Indian Industry and 'Guest of Honour' Ms. Swati Salgaocar, Chairperson - Western Region, Confederation of Indian Industry and President, V.M. Salgaocar & Brother Private Limited.

The summit witnessed deliberations on various topics such as High-potential 'sunrise' manufacturing sectors, Transformation in process engineering, operational excellence, and the impact of sustainability and ESG on future manufacturing growth and competitiveness, among others.



Participation in International Events

Schweissen & Schneiden 2023

11 - 15 September 2023: Messe Essen, Germany

SCHWEISSEN & SCHNEIDEN, the world's leading international trade fair was held at Messe Essen from 11 to 15 September 2023. The exhibition was a showcase of additive manufacturing, Industry 4.0, underwater engineering, etc. The show had 826 exhibitors from 40

countries including India. IMTMA participated in the exhibition to promote WELDEXPO 2024, Indian machine tool industry's endeavours. The exhibition was also an opportunity to explore and understand new technologies and solutions in welding.

EMO Hannover 2023

18 - 23 September 2023: Hannover Fair Grounds, Germany



India's manufacturing opportunities and potential presented by IMTMA at EMO Hannover 2023 during the session "India Opportunities" on 20th September

EMO Hannover, organized by Deutsche Messe AG, after a four-year break, was held from 18 - 23 September 2023. With 1,850 exhibitors and 92,000 trade visitors, the exhibition had automation, digitalization, and sustainability as its key focus areas. IMTMA participated in the exhibition to promote IMTEX 2025 and enhance group participation through partner associations.

IMTMA also held a press conference at the Hannover Exhibition Grounds which was attended by over 25 international media, industry associations, and machine tool officials. The press conference primarily focused on India as a rising economic destination and the role played by the Indian machine tool industry in manufacturing growth.

TMTS 2024

27 - 31 March 2024: Taipei Nangang Exhibition Center (TaiNEX), Taiwan

Taiwan International Machine Tool Show (TMTS 2024) was held by Taiwan Machine Tool & Accessory Builders' Association (TMTBA) to showcase the latest advancements and innovations in the machine tool industry, promoting international cooperation, knowledge exchange, and business development opportunities among industry stakeholders. The exhibition featured over 600 exhibitors and attracted a

footfall of 70,000 visitors. IMTMA participated in TMTS 2024 to showcase the capabilities and advancements of the Indian machine industry on a global platform. IMTMA held a series of meetings with key stakeholders which helped it gain insights into global technological advancements, find opportunities for fostering international partnerships and collaborations, gain perspectives on market dynamics and competition, etc.

Technology & Training



Manufacturing Technology Training

An IMTMA initiative

IMTMA Technology Centres in Bengaluru, Pune, and Gurugram are closely associated with skill development initiatives. During the July 2023 to June 2024 period, IMTMA conducted a total of 297 programmes inclusive of 122 online training programmes and webinars for students and industry professionals. IMTMA conducted 175 classroom training programmes including courses initiated by Productivity Institute, Design Institute, and In-house programmes. Through these programmes, IMTMA delivered over 12,105 person-days of training in the said period.

eLearn

Access - Anybody, Anytime, Anywhere

The eLearn programme is an initiative to disseminate knowledge through 10 courses with 75 hours of content from design to manufacturing which can be accessed 24x7. The courses are prepared by subject matter experts from various industry domains by providing industry examples. Through animations, videos and embedded periodical knowledge checks, ease of learning is ensured. Candidates are certified after the final assessment. The initiative is recognized by industries and institutions.

Companies such as TVS Motors, ZF group of companies, Buhler India, Buhler Switzerland, Hindustan Aeronautics Limited, ELGI Equipment, HMS, INDOMIM, and several IMTMA member companies are using IMTMA eLearning courses.

Institutions such as KLE Technological University, Hubballi; Sri Vishnu Group of Institutions, Bhimavaram, and Narsapur; PSG College of Technology, Coimbatore; RV College of Engineering Bengaluru, NIE Mysore; Sona College of Technology, Salem; SASTRA University, Thanjavur; KLS Vishwanathrao Deshpande Institute of Technology, Haliyal; K Ramakrishnan College of

Engineering, Trichy; Ajay Kumar Garg Engineering College, Ghaziabad, Chennai Institute of Technology Chennai, are using IMTMA eLearning courses.

During 2023-2024, 6,414 IMTMA eLearning courses were subscribed.

Short-term Training Programmes

Value Engineering & Value Analysis (VA/VE) 9 July 2024: Pune



HR explaining the concepts of value engineering and analysis

Value Engineering is a proven technique for cost reduction of products, the company needs to remain competitive. IMTMA organized a training programme that focused on providing participants with the difference between value engineering and value analysis, capturing customer needs including QFD, the different steps in value engineering, etc. Participants who underwent the programme got to understand more about value and how customers perceive value besides identifying the areas where value engineering and value analysis could be applied.

Tolerance Stack-Up Analysis 15 July 2024: Pune



Young engineers from Advik Hitech Private Limited during a classroom session organized as part of Tolerance Stack-up Analysis training program



Technology & Training

IMTMA organized a training programme for engineers from Advik Hitech Private Limited. The programme focused on imparting training about tolerance stacks, tolerance stack methodology, part stacks and assembly stacks, form controls, tolerance analysis, tolerance allocation, etc. Participants gained knowledge on

computing tolerance stack-ups in parts and assemblies, determining if the assemblies/parts can work at their worst-case condition or maximum statistical variation, redistributing tolerances to satisfy function and manufacturability, etc.

Kaizen Methodology and Poka Yoke 21 September 2023: Bengaluru



Engaging session on understanding the concept and real time application of Kaizen methodology and Poka-yoke.

IMTMA organized a programme to enable participants to gain an understanding of the concepts of Kaizen Methodology and Poka Yoke and how these can be applied to manufacturing. Kaizen methodology focuses on a clear understanding of the concept and its application in real-time. Poka Yoke supports companies to improve the quality of their product to move towards zero defects.

Artificial Intelligence for Smart Manufacturing 20 - 22 September 2023: Bengaluru



Participants learning about the application of AI in smart manufacturing

IMTMA organized a programme that focused on artificial intelligence for smart manufacturing that helped participants gain an understanding of the concepts of artificial intelligence and maximize productivity and optimization of the manufacturing process.

Customer Focused Daily Work Management (DWM) 13 October 2023: Pune



Participants understanding the road map to become a customer-focused personality

IMTMA organized a one-day training programme that focused on filling the gap between customer expectations and actual delivery by suppliers. The programme also enabled participants to gain knowledge on eliminating firefighting against non-conformities and defects, achieving work-life balance to increase work efficiency, saving manager's time, etc.

Technology & Training

Customized Training on Fixture Designing for Goodrich Aerospace 6 - 9 November 2023: Bengaluru



An interactive session with Goodrich Aerospace

IMTMA organized a training programme which focused on the key factors and technical features of fixtures, the basics of fixture design, the design process for fixturing, basic elements of fixtures, materials and manufacturing process for the elements, etc. The modular concept of fixtures, customer drawings for accuracy, machining, location, evaluation of clamping forces, and so on were also explained.

Casting Material, Related General Note and Casting Operation 9 January 2024: Pune



Participants engaged in a workshop organized Customised training program for Advik Hitech Private Limited

IMTMA organized a customized training programme for engineers working with Advik Hitech Private Limited. The programme focused on imparting training on important casting processes, sand casting, shell mould casting, centrifugal casting, squeeze casting, and so on. Casting processes for various industries, latest developments in casting technology, etc. were also examined.

Servicing, Maintenance and Trouble Shooting of CNC Machine Tools 16 - 18 January 2024: Pune



Participants from Servicing, Maintenance and Trouble Shooting of CNC Machine Tools programme held in Pune

Diagnostics and root cause analysis is an important aspect of maintenance, which is most often ignored. IMTMA organized a three-day training programme that focused on the anatomy of CNC machines, identifying the typical problems in electrical and electronic sub-systems, maintenance aspects in CNC controllers, maintenance aspects of drives and encoders, bearing types and their application in machine tools, preventive maintenance of spindles, etc.



Technology & Training

Customized Programme for Cummins India on Mechanical Drives 12 - 13 March 2024: Pune



Cummins India team which underwent training in Pune

IMTMA organized a customized programme on mechanical drives for Cummins India focusing on power transmission, torque, speed, the types of drives, maintenance, failures, alignment and belt tension of belt drives, etc. The programme helped participants gain an understanding of the types of motors, principles of working, speed control, mounting methods, temperature rise, insulation, protection, cooling methods, duty cycles, torque and speed characteristics, efficiency, and other aspects of motors.

Be a Sales Superstar Workshop 19 March 2024: Bengaluru



Group picture of participants who underwent training to be a sales superstar

IMTMA organized one-day workshop designed specifically for all manufacturing industry salesforce including the essential skills, strategies, and techniques needed to excel in the challenging field of selling manufacturing products and services. The workshop focused on effective selling techniques tailored to the manufacturing products and services industry, mastering the art of building rapport with customers, identifying customer needs with suitable manufacturing products and services solutions, and gain insights into effective negotiation techniques to maximize deal profitability.

Rapid Setup Technique 26 April 2024: Pune



Classroom training on Rapid Setup Technique

IMTMA organized a training programme that introduced Lean management to participants, basics of seven wastes, waste elimination, the concept of SMED, and so on. Participants who underwent the training programme gained knowledge on identifying wastes in changeover, reducing changeover time, and create a roadmap for changeover time improvements.

Technology & Training

Customized Training Programme on Basics of Electrical & Electronics Troubleshooting

21 May 2024: Pune



Classroom session on customized training programme on imparting learning about the basics of electrical and electronics for non-electrical engineers for Advik Hitech Private Limited

IMTMA organized a customized training programme on imparting learning about the basics of electrical and electronics for non-electrical engineers of Advik Hitech Private Limited. The training covered the basics of electricity, electric power and circuit fundamentals, major electric equipment in industry, electrical standards and codes, and electrical safety practices, etc.

Negotiate to Win

12 June 2024: Bengaluru



Group picture of participants who underwent training on negotiating to win

IMTMA organized a training programme on mastering the art of negotiation specifically tailored for machine tools salesmen. The programme focused on an in-depth exploration of negotiation psychology and tactics for machine tools sales, practical insights on handling objections and turning challenges into opportunities, role-playing scenarios to sharpen your negotiation skills in a real-world context, and proven techniques to secure

favourable deals and cultivate long-term client partnerships.

The training enabled participants to communicate in clear terms the unique value and benefits of products or services to potential customers and highlight offerings that would solve specific problems or improve operations.

Design Institute and Productivity Institute

Intensive Course on "Specialization in Design Engineering and Production Engineering" for Er. Perumal Manimekalai College of Engineering, Hosur

8 January - 4 March 2024: Hosur



Participants who underwent training on Specialization in Design Engineering and Production Engineering pose for a picture



Participants photographed during a classroom session of Intensive Course on "Specialization in Design Engineering and Production Engineering" for Er. Perumal Manimekalai College of Engineering, Hosur



Indian Machine Tool
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Technology & Training

During 2023-24, in addition to the regular 8-weeks of Machine Tool Design course and 6-weeks of Finishing School in production engineering course, IMTMA has successfully completed customized hands-on training programs for final year mechanical engineering students of Er. Perumal Manimekalai College of Engineering, Hosur, in two different batches from 8th January to 4th March 2024.

Intensive Course on Specialization in Design Engineering (26 students)

The course curriculum was a blend of core design skills and added knowledge in manufacturing aspects. The main objective was to enhance the design and manufacturing skills of mechanical engineers and empower them to find employment besides making available for industries a ready pool of skilled workforce.

The training programme focused on limit, fits, tolerance, GD&T in Design through manufacturing, selection, assembly and troubleshooting of LM Guides and Ball Screws, design of milling spindle for SPM, and design of linear motion system using both friction guide and antifriction guide, etc.

Intensive Course on Specialization in Production Engineering (22 students)

Production engineering is one of the key functions in any manufacturing industry. Key objectives in production is to manufacture a product without error, earliest possible time and at low cost. The programme provided in-depth knowledge on metal cutting processes, key challenges involved, CNC technology, engineering materials, cutting tools, applications, metrology and utilization of the plant to its maximum capacity.



Activities of BIEC

The year 2023 - 2024 was a significant one for BIEC as exhibitions were bigger, better and drew a larger footfall of

visitors compared to earlier editions. Around 35 events were held during the July 2023 to June 2024 period at BIEC.

EXCON 2023



An aerial view of EXCON

EXCON, the largest construction equipment exhibition in South Asia was organized by Confederation of Indian Industry from December 12 - 16, 2023 at BIEC, Bengaluru. The exhibition was inaugurated by Shri Nitin Jairam Gadkari, Minister for Road Transport & Highways, Government of India. EXCON 2023 had "Building India's Tomorrow" as its theme and featured 1400+ exhibitors including 350 from abroad with five country pavilions, and 80,000+ visitor footfall to the show.

SAP TechED



Participants undergoing a two days training with focus on Enterprise Automation @SAP TechEd 2023

SAP conducted a two-day tech education event on 2 - 3 November 2023 at BIEC. The event brought together some of the best tech experts and IT leaders to share insights, best practices, and key learnings exploring the latest innovations from SAP and partners. TechED attendees got an opportunity to enhance their skills, learn the latest innovations in SAP products, and understand the roadmap ahead.

India Manufacturing Show



Shri Rajnath Singh, Union Minister of Defence cutting the ribbon to inaugurate India Manufacturing Show at BIEC

Laghu Udyog Bharti organized the 6th edition of the India Manufacturing Show from 2 - 4 November 2023 at BIEC. Make in India was in focus at the exhibition which was held in an exhibition space of around 10,000 square metres and attracted a footfall of around 30,000 visitors. The exhibition was a unique platform for technology transfer, innovations, business meets, and joint ventures helping to identify potential investors to boost industrial production and collaboration with domestic and international companies.



Activities of BIEC

IndiaWood 2024



Over 950 firms from 50 nations represented at IndiaWood exhibition

The 13th international trade fair for furniture production technologies, woodworking machinery, tools, fittings, accessories, raw materials and products, IndiaWood 2024 was held from 22-26 February 2024 at BIEC, Bengaluru. The exhibition organized by NürnbergMesse provided an opportunity to meet numerous national and international decision-makers, acquire new customers and discuss key issues including digitalization, sustainability, skilling, and supply chain management as well as discover new trends, technologies and materials. The exhibition featured 950+ exhibitors from over 50 countries. India Mattrestech Expo was a co-located show.

IIJS Tiritiya 2024



Inside view of a hall during IIJS Tiritiya 2024

Gem & Jewellery Export Promotion Council - GJEPC India organized IIJS Tiritiya from 5 - 8 April 2024 at BIEC, Bengaluru. IIJS was as an exceptional platform in South India that brought together renowned jewellery manufacturers, retailers, wholesalers, and industry professionals under one roof. It showcased an extensive range of gold jewellery collections, diamonds, precious stones and allied machinery that reflect the rich heritage and craftsmanship of India's gems and jewellery industry. The exhibition attracted over 15,000 trade visitors from 60+ countries.

New Products Developed by Members During 2023 - 2024

ABHIJAT EQUIPMENTS PRIVATE LIMITED

- "HYB-32": Compact CNC turning machine with smart kinematic combination of full version CNC lathe and proven Traub principles.

APEX INDUSTRIES

- High Precision Modular Vice APEX CODE 793, designed for milling, grinding, and widely used with CNC Milling Machines.

BESTEK ENGINEERING PRIVATE LIMITED

- BGT 260X500 CNC: Thread and worm grinding machine, with high precision accuracies, also equipped to grind precision, threads, worms and splines for diverse industry applications.

ELSCINT INDIA PRIVATE LIMITED

- "ASM 1 - High speed counting and packing machine, for counting and packing of any small parts." (up to 200 parts per minute).

GLOBAL CNC PRIVATE LIMITED

- DTC-530: State-of-the-art Drill Tap Center, designed to meet the demands of high-speed, high-precision and ease-of-use machining operations.

INDO SERVICES

- Metrology Styli for critical applications such as surface roughness measurement (tip radius of either 2 microns/5 microns) and contour measurement (tip radius of 25 microns).

ISGEC HEAVY ENGINEERING LIMITED

- ISGEC 4400T (12-10-8-8-6) High Speed Robotic Tandem Mechanical Press Line for Body-in-White sheet metal components for Electric Vehicles.
- 1250T Hot Forming Press Line for processing of high strength steel material to produce critical safety components for the automotive industry.

MIKRONIX GAUGES PRIVATE LIMITED

- Robotic Gear Roll tester, that can be further integrated with dent rolling or Auto OBD grouping, meeting increasing demands of gear industry along with all SPC study and i4.0 requirements.

PMT MACHINES LIMITED

- Diamond-Blade OD & Face 5-Axis grinding machine, for stone cutting blade wheels with auto handling.
- 4-Axis, Deepening & Nicking CBN Grinder for broach, with menu-driven programs for 2 meter broach.
- 6-Axis direct drive gear hobbing machine, which can cut spur, helical, worm wheel, spline, taper, cluster, sprocket and crown gears.
- Turning Centre 5000ABC, 4-Axis (XYZC) with live tooling for PCD drilling, keyway milling, contouring, etc.
- Internal CNC thread grinder 4-Axis, with auto helix angle swivel wheel spindle.

SPINTEC ENGINEERING PRIVATE LIMITED

- Spintec-Integral-Spindles (12000 / 15000 / 18000 / 24000 RPM), for high speed / high torque CNC machines, to offer sustainable and customer-centric solutions.

TGT TECH PRIVATE LIMITED

- "ACCUDRESS PRO Wheel truing and profiling machine with camera system, for perfect wheel preparation to achieve high quality Carbide cutting tools production".



New Members Enrolled During 2023 - 2024

3D CONCEPT ANALYSIS & DEVELOPMENT (INDIA) PRIVATE LIMITED Sapthagiri Towers, #12 60 Feet Road, NHBC Layout Prashanth Nagar, Bengaluru - 560079 Karnataka	ABHI FINE PRODUCTS 18 - 19, 2nd Cross, Santhi Nagar Avarampalayam Coimbatore - 641006 Tamil Nadu
ARM WELDERS PRIVATE LIMITED T-96/2, MIDC Bhosari Pune - 411026 Maharashtra	ARRIS TOOLING Mansata Industrial area, Street No. 1, B/h. Maruti True Value, Gondal Road, Rajkot - 360 004 Gujarat
BHAMBAR AUTOMATION INC. 1011/1-A/1/3, Surjeet Cinema Road Industrial Area - C, Dhandari Kalan Ludhiana - 141014 Punjab	BRISK INDUSTRIES PRIVATE LIMITED Unit No.10, Ground Floor A- Wing, Madhani Estate Senapati Bapat Marg, Dadar (West) Mumbai - 400028 Maharashtra
CONFIDENCE AUTOMATION PRIVATE LIMITED Plot No.: 2301, Road - D, Kranti Gate Metoda GIDC, Tal. Lodhika Rajkot - 360021 Gujarat	CTC PRAEZISION TOOLS PRIVATE LIMITED E57, E58 EMC Plots, Auto Cluster Near Phase 7 Adityapur Industrial Area Seraikela Kharsawan Jamshedpur - 832109, Jharkhand
DELTA ELECTRONICS INDIA PRIVATE LIMITED Plot No.43, Sector - 35 HSIIDC Gurgaon - 122001 Haryana	ECOCLEAN MACHINES PRIVATE LIMITED Plot T - 42, T Block, MIDC, Bhosari, Pune - 411026 Maharashtra
FAGOR CONTROL SYSTEMS PRIVATE LIMITED No.40/A, Site No.193/2 Peenya Industrial Area Chokkasandra, Bengaluru - 560058 Karnataka	GLEASON WORKS (INDIA) PRIVATE LIMITED Plot No.70 A, KIADB Aerospace Park Bhattaramarenahalli, Budigere Post, Devanahalli Taluk Bengaluru - 562129 Karnataka
HEATROTHERM Plot No. 61, Shiv Prerna Industrial Park, Near Ode Village, Kamod - Pirana Road, Tal - Dascroi, Ahmedabad - 382425 Gujarat	INTECH ADDITIVE SOLUTIONS PRIVATE LIMITED No - 239, 11th Main Road, 2nd Cross Peenya 3rd Stage, Bengaluru - 560058 Karnataka
JAYSHREE MACHINES PRIVATE LIMITED Plot No. - 1148, E - I Road Metoda KIDC Kishan, Gate No.- 3, Rajkot - 360021 Gujarat	KORLOY INDIA TOOLING PRIVATE LIMITED Plot No. 415, IMT Road, IMT Manesar, Manesar, Gurugram - 122051 Haryana
LAKSHYA TECH INDIA PRIVATE LIMITED Site 39/304, Basapura Main Road Off. Hosur Road Electronic City Post Bengaluru - 560100 Karnataka	LAMBA PRESS & SHEARS Khasra No.57/11/1/2, 11/2/2, Village Dhaturi Dist. Sonipat - 131001 Haryana

New Members Enrolled During 2023 - 2024

<p>MECHMATRIX Plot No. F - 53, Satpur, MIDC Nashik - 422007 Maharashtra</p>	<p>MICRO TOOLING SYSTEMS INDIA PRIVATE LIMITED No.291 A, 1st Street Sector 2, Ambattur Industrial Estate SIDCO North, Ambattur Chennai - 600098 Tamil Nadu</p>
<p>MSD ENGINEERING WORKS Plot No. 2112, Opp. Makson Machinery Phase - 4, GIDC, Wadhan, Surendranagar - 363035 Gujarat</p>	<p>MTE INDUSTRIES PRIVATE LIMITED 58/A, S.V. Co-operative Industrial Estate Balanagar - 500037 Telangana</p>
<p>MUVALL CASTORS PRIVATE LIMITED No.45/28, Gubbanna Industrial Estate 6th Block, Rajajinagar Bengaluru - 560010 Karnataka</p>	<p>NSK BEARINGS INDIA PRIVATE LIMITED TVH Beliciaa Towers, 2nd Floor Block 1, No.71/1, MRC Nagar Chennai - 600028 Tamil Nadu</p>
<p>OSG (INDIA) PRIVATE LIMITED Plot No.6, Sector - 08 IMT - Manesar Gurgaon - 132103 Haryana</p>	<p>PRO B MACHINES PRIVATE LIMITED No. B - 510, 4th Cross 10th Main Road, 4th Phase, Peenya Industrial Estate, Bengaluru - 560058 Karnataka</p>
<p>SANBERG GLOBAL MACHINES PRIVATE LIMITED F-3/205, Ashish Commercial Complex New Rajdhani Enclave Vikas Marg, Delhi - 201096 Delhi</p>	<p>SAPTECHNICAL No.1252/A/29/1, 32nd G Cross 4th Block, Jayanagar Bengaluru - 560041 Karnataka</p>
<p>SATYA PRAKASH MACHINE TOOLS Municipality Shed No.3 Near India Oil Petrol Pump Vithalwadi Main Road, Vithalwadi Bhavnagar - 364001 Gujarat</p>	<p>SHIV MACHINE TOOLS No.102, Armenian Street Chennai - 600001 Tamil Nadu</p>
<p>SPINTEC ENGINEERING PRIVATE LIMITED 408/ 2A, Poosari Thottam Arasur, Coimbatore - 641407 Tamil Nadu</p>	<p>SRI DURGA SALES CORPORATION No.45/1, 2nd A Cross, 2nd Phase, Maruthi Layout Peenya Industrial Area, Bengaluru - 560058 Karnataka</p>
<p>SRP CRANE CONTROLS (INDIA) PRIVATE LIMITED Jaydev Industrial Estate, Plot No.39, Survey No.202, Opp. Inova Cast Pvt. Ltd. Essen Road, Veraval Shapar Rajkot - 360024 Gujarat</p>	<p>SUSHMA INDUSTRIES PRIVATE LIMITED Plot No.18 E, Block B, 1st Main Road, 2nd Phase Peenya Industrial Area Bengaluru - 560058 Karnataka</p>
<p>TECNICRAFTS INDUSTRIES SF No. 91, Sai Keerthi Industrial Estate, Seerapalayam Village Coimbatore - 641105 Tamil Nadu</p>	<p>THAYNE AUTOMATION PRIVATE LIMITED C- 230, Solaris - 1, Sakivibar Road Powai, Mumbai - 400072 Maharashtra</p>

Total Membership of IMTMA as on 30 June 2024: 516 Members



Glossary of Abbreviations

- Advanced Machine Tool Testing Facility (AMTTF)
- Advanced Manufacturing Technology Development Centre (AMTDC)
- Aeronautical Development Agency (ADA)
- Annual General Meeting (AGM)
- Association for Manufacturing Technology (AMT)
- Association of Ludhiana Machine Tool Industries (ALMTI)
- Automotive Component Manufacturers Association of India (ACMA)
- Bangalore International Exhibition Centre (BIEC)
- Bhabha Atomic Research Centre (BARC)
- Bharat Electronics Limited (BEL)
- Bharat Heavy Electricals Limited (BHEL)
- Central Manufacturing Technology Institute (CMTI)
- Collaborative Business (COBIZ)
- Confederation of Indian Industry (CII)
- Department for Promotion of Industry and Internal Trade (DPIIT)
- EXIM Bank (Export-Import Bank of India)
- Federation of Indian Chambers of Commerce and Industry (FICCI)
- Gem & Jewellery Export Promotion Council (GJEPC)
- German Machine Tool Builders' Association (VDW)
- Gross domestic product (GDP)
- Guide to Indian Machine Tools (GIMT)
- Indian Institute of Welding (IIW)
- Indian Institute of Technology (IIT)
- Indian Railway Construction International Limited (IRCON)
- Indian Space Research Organisation (ISRO)
- International Monetary Fund (IMF)
- Japan Forming Machinery Association (JFMA)
- Japan Machine Tool Builders' Association (JMTBA)
- Modern Manufacturing India (MMI)
- National Aerospace Laboratories (NAL)
- Project Review & Monitoring Committee (PRMC)
- Purchasing Managers' Index (PMI)
- Reserve Bank of India (RBI)
- Taipei Nangang Exhibition Center (TaiNEX)
- Taiwan Association of Machinery Industry (TAMI)
- Taiwan Machine Tool & Accessory Builders' Association (TMTBA)
- Tool & Gauge Manufacturers Association (TAGMA)
- Total Productive Maintenance (TPM)
- Tractors and Farm Equipment Limited (TAFE)
- Tumakuru Machine Tool Park (TMTP)
- Ucimu-Sistemi Per Produrre (UCIMU)

Enhancing Machine Tool Industry's Competitiveness IMTMA Initiatives

TRADE FAIRS



TECHNOLOGY



MEGA EVENTS



ASSOCIATION INITIATIVES



TRAINING



Manufacturing Technology
Training

INFRASTRUCTURE



PUBLICATION





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Glimpses



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**Indian Machine Tool
Manufacturers' Association**

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