

ORGANISED BY



Indian Machine Tool
Manufacturers' Association



NATIONAL PRODUCTIVITY SUMMIT 2026

"Showcasing Excellence in Manufacturing"

25 - 26 November 2026, Merlis Hotel, Coimbatore



Enriching
Keynotes



Live Case Study
Presentations



Insightful
Plant Visits

AWARDS SPONSOR

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Group

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Ms. Mamta Verma, IAS
Hon'ble Principal Secretary, Industries and Mines
Government of Gujarat
Chief Guest for Inauguration of NPS 2025, Ahmedabad

About Summit

Indian Machine Tool Manufacturers' Association is organising its flagship event the 20th edition of the **National Productivity Summit** scheduled during 25 - 26 November 2026, Merlis Hotel, Coimbatore. The Summit aims to champion the cause of Productivity and to enhance competitiveness in the Indian manufacturing industry.

IMTMA-ACE Micromatic Productivity Championship awards recognizes and rewards outstanding productivity improvement efforts in manufacturing industries. The Awards will be conferred on teams who have achieved breakthrough innovations and improvements in manufacturing that have resulted in a significant competitive advantage for organizations. IMTMA Productivity Championship Awards have become very prestigious and symbolic of high productivity standards, for the winning teams who have excelled in breakthrough innovations in manufacturing.



20th Edition



Insightful
Plant Visits



Enriching
Keynotes



Live Case Study
Presentations

Enriching Keynote Sessions

Industry leaders will share their knowledge and expertise on various facets of manufacturing competitiveness.



Mr. Sanjay Jayavarthanavelu
Chairman & Managing Director
Lakshmi Machine Works Ltd.



Dr. Jairam Varadaraj
Managing Director
ELGI Equipments Ltd.



Pre-Summit Plant Visits (24 November 2026)

This summit offers technical tours to delegates, which provides a unique opportunity to witness some of the best productivity improvement projects.

Leading manufacturing companies open their doors to participants on 24 November 2026 to showcase best manufacturing practices on their shop floor.

Tour A

- LMW Textile Machinery Division
- Swelect HHV Solar Photovoltaics

Tour B

- Roots Industries India
- Aquasub Engineering

Tour C

- Elgi Equipments
- Propel Industries



IMTMA - ACE MICROMATIC Productivity Championship Awards 2026

Witness Live Case Study Presentations on some of the best practices in manufacturing. The IMTMA – ACE MICROMATIC Productivity Championship Awards 2026 will recognize and reward outstanding efforts from the shortlisted case studies of companies which have excelled in achieving superior performance and gives away cash prizes worth 10 Lakhs.

Key Take Aways

- Insightful plant visits to renowned manufacturing companies
- Learn and benchmark from best manufacturing practices
- Listen to keynote presentations from industry leaders
- Learn innovative approaches to address productivity challenges
- Exchange new ideas and concepts – Knowledge networking
- Ideal platform to interact and network with several manufacturing professionals
- Knowledge sharing sessions on best practices in Micro & Small Enterprises

Who Should Participate

CEOs, Top Management Executives, Senior Executives, Practicing engineers, Industry consultants and R&D Specialists from Automotive, Auto components, Die and Mould, Consumer durables, Machine tool, Tool rooms, Aerospace, Defence and Railway units, PSUs, General Engg. and other discrete manufacturing industries.

Automotive Sector

Ashok Leyland, Chennai

Productivity Enhancement Through Indigenous Smart Digital Intelligence

This case study of Ashok Leyland Ennore is about productivity improvement going the digital way. The H Engine line productivity was enhanced by a customised Digital work force platform enabling auto manpower allocation (I skill), AI based process assurance, AI enabled end of line vision system and a maintenance intelligence chatbot that resulted in multiple KPIs seeing a healthy score totalling to a impressive 3 digit saving in crores.

Ather Energy, Hosur

Project Velocity : Maximizing yield and throughput through strategic cost effective process enhancements

This Case study of ATHER is about scale up at the Hosur factory that will be copy pasted to its upcoming Maharashtra Plant. This involved a dramatic enhancement of productivity involving the Box build line, Digitizing quality governance, optimised work force deployment and a breakthrough in rework TAT from 25 to 4 days and enhanced NPS, better ergonomics finally resulting in increasing the capacity from 1066 to 1066 per day.

Kirloskar Oil Engines Limited, Nashik

Transforming the K12 Crankcase line machining

This case study from KOEL is a hardcore innovation in the area of machining. This project consists of 4 innovations in the transformation of the K12 crankcase line in the areas of tooling geometry, axial alignment, part orientation and washing to convert the legacy machining process resulting in a radical breakthrough cycle time reduction of 250 minutes per component.

Sun Mobility, Bengaluru

Battery Production Line –Takt Time Reduction & Throughput Improvement

Sun Mobility presents a case of Lean approach adoption in an emerging sector of Battery manufacturing . Sun Mobility a cross-functional team initiated a structured productivity improvement project focused on Industrial Engineering principles, Lean Manufacturing, Digital Manufacturing, and Theory of Constraints to reduce the takt time from 4 minutes to a minute with the throughput shooting up. This was achieved by redesigning the manufacturing process without major capital investment by eliminating bottlenecks, balancing workloads, improving layout, digitizing production monitoring, and standardizing work methods.



Toyota Kirloskar Auto Parts, Bengaluru

Leveraging IT Through Digitalization In TKAP Manufacturing To Enhance Productivity And Reduce Manhours

A case study of using Digitalization in Manufacturing at TKAP leading to improved productivity. This involved an initiative of "One data one source one database" enabling realtime data capturing, access to past process data, use of power BI which have impacted productivity and saved bandwidth of the management staff other than resource conservation too.

Toyota Industries Engine India, Bengaluru

TNGA Line Cap Up With Low Investment For Future Business Volume:

This case study from Toyota Industries Engine India focuses on pureplay classical TPS productivity Principles to double production of engines from 14k to 27k using a combination of approaches ranging from Automation, AGVs, LCA, Karakuri, Vision systems with a frugal mindset. It also leverages the kaizen methodology by the Mfg, PE & ME functions syncing up to the cause with a record 274 kaizens envisaged for the success of the project.

Non-Automotive Sector

Aquasub Engineering, Coimbatore

Productivity Improvement Through Implementing Integrated Robotic Machining Cell in the Pump line.

The project of AQUASUB ENGG transformed the conventional batch manufacturing system of Pumps into an Integrated Robotic Machining Cell, where each production lot flows continuously through all operations without intermediate WIP. The transformation was achieved through process engineering, manufacturing system redesign, robotic machine tending, vision-guided loading, automatic probing and process automation, establishing a lean, flexible and efficient manufacturing system applicable for 129 variants more than doubling the throughput from 60 to 150 per shift.

Godrej & Boyce, Satara

Productivity improvement of Washing Machine Steel Drum Assembly Process

This Case study from Godrej & Boyce is of a breakthrough improvement in the Steel drum assembly process which envisaged combing the front and top load variants for optimisation. Cobotic Auto screwing systems, an industry first was pioneered by Godrej and Boyce. This coupled with other lean improvements created phenomenal value by also becoming a single piece flow line which reduced the takt time also resulting in reduction of manpower by over 50%.

Tata Electronics, Hosur

Nitrate Etching And Anodizing Line Capacity Transformation

This case study of Tata Electronics Pvt Ltd is about improving productivity of The Nitrate Etching (NE) & Anodizing Treatment (AT) lines which involved a innovative potential patent that eliminated Ti Oxidation and another innovation in the area of chemical cleaning for the alkaline dip tank along with lean application that resulted in eliminating 400 minutes of downtime resulting in doubling of capacity and capex avoidance.

Titan Company, Hosur

Resilience – Building Self-Reliance through Premium Manufacturing Capability

This case study from titan Hosur is a holistic case of improvements across the entire value chain encompassing Product, process, technology, manufacturing capability, developing local suppliers avoiding imports. All these initiatives led to rise in contribution margin, enhanced business volume, resource sustainability and material conservation and enhancing supply chain resilience.

Special Stream for Small & Micro Enterprises (SMEs)

Evig Integration, Malur

Digital enablement in Manufacture Of Imaging Equipment

The case study is of a forward looking SME Organisation which transformed the manufacturing operations into a highly efficient, digitally enabled, and created an environmentally sustainable production system. The objectives resulted in reduced throughput time, enhanced productivity, accelerated the Industry 4.0 adoption, and promoted green manufacturing through renewable energy initiatives which is a unique achievement for an SME.

Advance Mechanical Services, Bengaluru

Enhancement of Design services productivity

This case study of Advanced Mechanical services pvt ltd is about optimising and enhancing productivity in design services. The theme is about using ATMAS , a project monitoring and quality improvement systems across 3 locations enhancing availability, productivity and workload simultaneously.



Tentative Programme Schedule

Summit Day 1: 25 November 2026 (Wednesday)

0830 : 1000	Registration
1000 : 1100	Inaugural Ceremony
	Address by : Mr. Sanjay Jayavarthanavelu, Chairman and Managing Director, Lakshmi Machine Works Ltd.
	Address by : Dr. Jairam Varadaraj, Managing Director, Elgi Equipments Ltd.
1100 : 1105	Change Over
1105 : 1135	Case Study 1: Leveraging IT through Digitalization in Manufacturing to enhance productivity and reduce manhours, Toyota Kirloskar Auto Parts, Bengaluru
1135 : 1205	Networking Tea / Coffee
1205 : 1235	Case Study 2: Resilience – Building Self-Reliance through premium manufacturing capability, Titan Company, Hosur
1235 : 1250	Special Address
1250 : 1320	Case Study 3: Battery Production Line –Takt time reduction & throughput improvement, Sun Mobility, Bengaluru
1320 : 1420	Lunch
1420 : 1450	Case Study 4: Enhancement of Design services productivity, Advance Mechanical Services, Bengaluru
1450 : 1455	Change Over
1455 : 1525	Case Study 5: Nitrate Etching and Anodizing line capacity transformation, Tata Electronics, Hosur
1525 : 1540	Special Address
1540 : 1610	Case Study 6: Productivity improvement through implementing integrated Robotic Machining Cell in the Pump line, Aquasub Engineering, Coimbatore
1610 : 1630	Networking Tea / Coffee
1630 : 1700	Case Study 7: Transforming the K12 Crankcase line machining, Kirloskar Oil Engines, Nashik
1700 : 1705	Change Over
1705 : 1735	Case Study 8: Productivity improvement of Washing Machine Steel Drum Assembly process, Godrej & Boyce, Satara
1830 onwards	Networking Evening with dinner

Summit Day 2: 26 November 2026 (Thursday)

1000 : 1030	Case Study 9: Digitalization of Imaging Equipment Manufacturing, Evig Integration, Malur
1030 : 1035	Change Over
1035 : 1105	Case Study 10: Project Velocity - Maximizing yield and throughput through strategic cost effective process enhancements, Ather Energy, Hosur
1105 : 1110	Change Over
1110 : 1140	Case Study 11: Productivity enhancement through Indigenous Smart Digital Intelligence, Ashok Leyland, Chennai
1140 : 1210	Networking Tea / Coffee
1210 : 1240	Case Study 12: TNGA Line Cap up with low investment for future business volume, Toyota Industries Engine India, Bengaluru
1240 : 1255	Special Address
1255 : 1400	Lunch
1400 : 1445	Fireside Chat / Keynote Speaker
1445 : 1450	Change Over
1450 : 1630	IMTMA - Ace Micromatic Productivity Championship Awards 2026 Presentation Ceremony

Registration Fee

24 November 2026 : For Pre-Summit Plant Visits

₹ 2500 per Delegate per Plant Tour (Add 18% GST)

TOUR A: LMW Textile Machinery Division & Swelect HHV Solar Photovoltaics

TOUR B: Roots Industries India & Aquasub Engineering

TOUR C: Elgi Equipments & Propel Industries

- Note
- A participant has the option of choosing only one of the plant visit i.e. either Plant Tour A, Plant Tour B or Plant Tour C, since these visits are concurrent.
 - Registration for plant visits will be limited to 25 delegates only and will be taken on 'first-come-first' basis.
 - Delegates opting for Plant visits must register on or before 31 October 2026. Confirmation for plant visits will be at the sole discretion of the host companies.
 - Plant Visits are open only to delegates participating in the summit. (on 25 - 26 November 2026)

25 - 26 November 2026 : For Summit only (Per Delegate)

IMTMA Members, MSME, Research and Educational Institution

Rs. 6000*

5% discount applicable per delegate for companies nominating 3-5 delegates

10% discount applicable per delegate for companies nominating more than 5 delegates

All Other Companies

Rs. 6500*

- Note
- *Add 18% GST
 - Registration fee includes summit documentation and Lunch on Day 1 and 2
 - Pre-payment of delegate fee is mandatory for confirmation of participation
 - Delegate fee is Non-refundable. However, change of nominations within the same company acceptable
 - MSME companies must produce valid UDYAM Registration Certificate
 - IMTMA Members may avail their membership redemption points for participating in the summit

Registration for participation must be made online only.

To register online, log on to www.productivity.imtma.in

For details or any queries/clarifications during 'Online registration' process, please contact

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About IMTMA

Constituted in 1946, Indian Machine Tool Manufacturers' Association (IMTMA) is a single point of contact for the machine tool industry in India. The apex body of machine tool industry in the country, IMTMA has a membership of about 500 companies from both the public and private sectors, manufacturing a wide range of metal-cutting and metal-forming machines, accessories, cutting tools and other allied equipment. The Association has over the years deeply committed itself to focus on issues of productivity, quality, technology, new product development, design, customer satisfaction, etc. for enhancing competitiveness of the industry. IMTMA is proactive in taking new initiatives to promote advancement of metalworking industry in India. IMTMA organises the prestigious IMTEX and Tooltech exhibition, where both Indian and overseas manufacturers showcase their metalworking machines, equipment and tools.



**Indian Machine Tool
Manufacturers' Association**

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