



Indian Machine Tool
Manufacturers' Association



Manufacturing Technology Training

An IMTMA initiative

TRAINING CALENDAR FOR YEAR 2026 -2027

Enhancing Manufacturing Industry
Competitiveness

Upskilling Young Engineers and Industry professionals

Bengaluru : Page No. 02-05

Pune : Page No. 06-08

Gurgaon : Page No. 09

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ANNUAL CALENDAR FOR YEAR 2026 -2027

VENUE: IMTMA TECHNOLOGY CENTRE, BENGALURU

SL. NO.	TRAINING / COURSE TITTLE	NO. OF DAYS	MONTH OF COMMENCEMENT
1.	Interpretation of Manufacturing Drawing and Measurements	5	April, August & December 2026
2.	Manufacturing Processes and Programming on CNC Turning Centres	5	April, August & December 2026
3.	Machine Tool Design-Special; Purpose Machine (SPM)	48	April, July & October 2026
4.	Finishing School in Production Engineering	20	April, August & December 2026
5.	Understanding TPM and Roadmap for Implementation of TPM	1	April 2026
6.	Enhancing productivity in Grinding operations	2	April 2026
7.	Materials Management and Inventory Control	2	April & November 2026
8.	Implementing Toyota Production System Why What and How?	2	April & October 2026
9.	Implementing SPC, a Game Changer for Cost Reduction	1	April 2026 & January 2027
10.	Value Stream Mapping	3	April & October 2026
11.	Selection of Cutting Tools, Parameters and Programming in Machining Centres	5	May, September 2026 & January 2027
12.	Essential Information for Manufacturing Professionals and CNC Programming	5	May, September 2026 & January 2027
13.	How to bring in energy efficiency at Plant level?	1	May 2026
14.	How to reduce Cost of Poor Quality (COPQ)	2	May 2026
15.	Quick changeover techniques (SMED) in Discrete Manufacturing	2	May & November 2026
16.	How to become an effective FMEA Practitioner as per combined AIAG & VDA Version	2	May & November 2026
17.	Skillful Negotiation	2	May & November 2026
18.	Geometric Dimensioning and Tolerancing (GD&T) in Design through Manufacturing	2	May, October 2026 & February 2027
19.	Hands-on training in PLC Programming and Networking	3	May, October 2026 & February 2027
20.	Design of Fixtures for Machining Applications - A practical approach	3	June & November 2026
21.	ASME Certified - PD: 694 –Training on Geometric Dimensioning and Tolerancing in Design thru Manufacturing (for GDTP-Technologist Level)	3	June 2026 & January 2027



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SL. NO.	TRAINING / COURSE TITTLE	NO. OF DAYS	MONTH OF COMMENCEMENT
22.	Hands-on training in Operation and Programming of CNC Co-ordinate Measuring Machines (CMMs)	5	June & November 2026
23.	Surface Plating and Protection Technology	1	June 2026
24.	Welding Technology for Practicing Engineers	1	June 2026
25.	Defects Analysis and Troubleshooting of Injection Moulded Plastic Parts	2	June 2026
26.	World Class Manufacturing - What, Why and How; Tools and Techniques	2	June & December 2026
27.	Value engineering and value analysis (VA/VE)	2	June & December 2026
28.	AS9100:2016 RevD (Internal Auditor)	2	June & December 2026
29.	Breakthrough Design	1	June 2026
30.	Effective deburring of metallic, machined components	1	July 2026
31.	Certified specialist in Root cause analysis	1	July 2026
32.	Best Practices in Supply Chain Management for Survival and Growth	2	July 2026
33.	CE Marking - Compliance requirements for Export Markets - Europe, North America & GCC countries	2	July 2026
34.	Systematic Shopfloor Management (SSM)	2	July 2026 & January 2027
35.	Tolerance Stack-Up Analysis	2	July 2026 & January 2027
36.	8D Problem Solving Methodology and 7QC Tools	2	July 2026 & January 2027
37.	Hands-on training in Industrial Robot Programming & Operation	3	July 2026 & January 2027
38.	Effective Leadership	1	July 2026
39.	Design of Servo Axis	4	August 2026
40.	Best Practices for Manufacturing Cost Reduction	1	August 2026
41.	ISO 9001:2015 (QMS IA) Internal Auditor	2	August 2026 & February 2027
42.	Advanced Concepts of GD&T	2	August 2026 & February 2027
43.	Heat Treatment- Metallurgy and Processes	2	August 2026 & March 2027



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44.	Fundamentals of Advanced Product Quality Planning (APQP)	2	August 2026 & February 2027
45.	Effective Maintenance Towards Zero Down Time (ZDT) - Electrical Aspects of CNC Machines	3	August 2026 & February 2027
46.	Effective Communication	1	August 2026
47.	Kaizen Methodology and Poka Yoke	1	September 2026
48.	Cost and Cycle Time Reduction in CNC Machining applications (Milling and Hole Making Operations)	1	September 2026
49.	Design of Gear Box	3	September 2026
50.	Effective new product development (NPD) process	2	September 2026 & March 2027
51.	Measurement System Analysis (MSA)	2	September 2026 & March 2027
52.	Artificial Intelligence for Smart Manufacturing	3	September 2026 & March 2027
53.	ASME Certified Geometric Dimensioning & Tolerancing (GD&T) in Design through Manufacturing - Senior Level	3	October 2026
54.	VFD Technology for Industrial Applications and Energy Saving	1	October 2026
55.	Personal Productivity	1	October 2026
56.	Good Earthing Practices	1	November 2026
57.	DNA of a Star Sales Performer	1	November 2026
58.	Defect Analysis and Trouble Shooting in Painting and Powder Coating Applications	2	November 2026
59.	Selection and sizing of Motors for Industrial Applications	2	November 2026
60.	How to Improve OEE and Achieve Manufacturing Excellence	2	November 2026
61.	Consultative Value Selling	1	November 2026
62.	Design and Processing Techniques for Sheet Metal Parts	1	December 2026
63.	Advanced Purchase and Procurement Practices to Enhance Competitiveness	2	December 2026
64.	Motion Control & Servo Technology	2	December 2026



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SL. NO.	TRAINING / COURSE TITTLE	NO. OF DAYS	MONTH OF COMMENCEMENT
65.	Industrial Sensors- Types, Selection, Applications for process Control	2	December 2026
66.	Care for Machine Tool Spindles - Systematic Approach for Spindle Maintenance	3	December 2026
67.	Internship Course - Integrated course	80	January 2027
68.	5 Axis CNC Programming using Mastercam	3	February 2027
69.	Operational excellence through QCD improvement	1	February 2027
70.	Lean Daily Work Management (DWM) System	1	February 2027
71.	Introduction to Digital Factory	2	February 2027
72.	Demystifying Industry 5.0 and how it could affect manufacturing	2	March 2027
73.	Industry 4.0 Championship Program	2	March 2027





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SL. NO.	TRAINING / COURSE TITTLE	NO. OF DAYS	MONTH OF COMMENCEMENT
1.	Design of Gauges	2	April 2026
2.	Advanced Technologies in Sheet Forming	2	April 2026
3.	28 Major Losses in WCM	1	April 2026
4.	Light-Weighting of Automobiles	2	April 2026
5.	Design Failure Mode Effect Analysis (DFMEA)	2	April 2026
6.	Quick changeover techniques (SMED) in Discrete Manufacturing	1	May 2026
7.	Care for Machine Tool Spindles - Systematic Approach for Spindle Maintenance	2	May 2026
8.	Gear Manufacturing - Hobbing and Shaping Processes	2	May 2026
9.	Cost Reduction through Lean tools	1	May 2026
10.	Fundamentals of Advanced Product Quality Planning (APQP)	2	May 2026
11.	Heat Treatment & Metallurgy	2	May 2026
12.	Value engineering and value analysis (VA/VE)	2	May & December 2026
13.	How to reduce Cost of Poor Quality (COPQ)	2	May 2026
14.	Finishing School In Production Engineering	20	June 2026 & January 2027
15.	Engineering Drawing Reading	5	June 2026 & January 2027
16.	Advanced Programming for CNC Machining Centres	4	June 2026 & February 2027
17.	Burr Management in Machining-Burr Minimization and Finishing of Edges	1	June 2026
18.	Geometric Dimensioning & Tolerancing (GD&T) in Design through Manufacturing	2	June, October 2026 & February 2027
19.	Advanced Quality Tools	2	June 2026
20.	Primer Course on Sheet Metal Forming Technology	2	June 2026
21.	Certified specialist in Root cause analysis	2	June 2026
22.	Defect analysis and troubleshooting of casting	2	June 2026
23.	CNC Programming and Machining	5	July, August 2026 & Feb 2027



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24.	VMC Programming and Machining	5	July, September 2026
25.	Machine Tool Design - SPM	48	July 2026
26.	Maintenance, Troubleshooting of Hydraulics & Pneumatics systems	3	July 2026
27.	Machining Defects Analysis and Troubleshooting	2	July 2026
28.	Defects Analysis of Paint & Powder Coating Applications	2	July 2026
29.	Programmable Logic Controller (PLC) - Basic Programming and Troubleshooting	1	July 2026
30.	Process and Die Design - Hot Forging Applications	2	July 2026
31.	Machining Aerospace Materials	2	July 2026
32.	Effective CNC Maintenance-Electrical Aspects	2	August 2026
33.	Fundamentals of Painting Technology	2	August 2026
34.	Surface Plating and Protection Technology	2	August 2026
35.	A3 Problem solving methodology – As Per Toyota Production System	2	August 2026
36.	Value Stream Mapping	2	August 2026
37.	Machine Tool Spindles - Design Approach	5	September 2026
38.	Importance of Safety in Maintenance	1	September 2026
39.	Hot Forging Technology - Processes, DFM, Quality and Cost Considerations	2	September 2026
40.	Low Cost Automation	1	September 2026
41.	Design of Gears & Gears Boxes	2	September 2026
42.	Implementing Industry 4.0 in Indian context	1	September 2026
43.	Best Practices in Supply Chain Management for Survival and Growth	2	September 2026
44.	Gear Metrology & Measurement Methods	2	October 2026
45.	TRIZ: Shortcut to Innovative Solutions	1	October 2026
46.	Design of Fixtures for Machining Applications - A practical approach	3	November 2026



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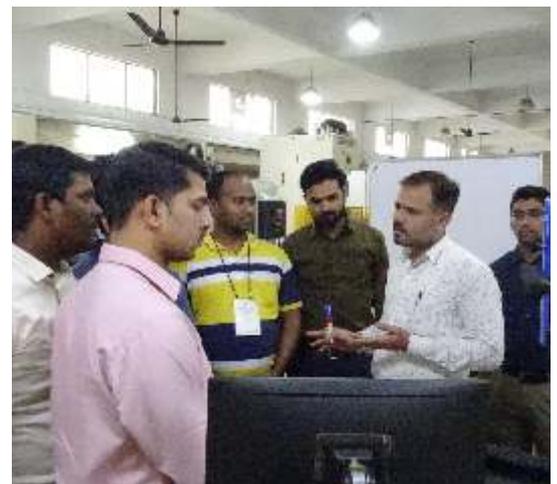
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SL. NO.	TRAINING / COURSE TITTLE	NO. OF DAYS	MONTH OF COMMENCEMENT
47.	Hands-on Training in Dimensional Metrology and Inspection	3	November 2026
48.	Latest Trends & Applications in Fine Blanking Technology	1	November 2026
49.	Metallurgy for Non-Metallurgists	1	November 2026
50.	Women Empowerment - Machine Tool Design - SPM	48	December 2026
51.	Stamping Die Maintenance: A Way Forward for Enhancing Die Life and Product Quality	2	December 2026
52.	Machine Breakdown Analysis	1	December 2026
53.	Zero defects in welding applications	1	December 2026
54.	Implementing SPC, a Game Changer for Cost Reduction	1	December 2026
55.	Measurement System Analysis (MSA)	1	December 2026
56.	Mastering 5-Axis CNC Programming Advanced Techniques and Strategies	3	January 2027
57.	Selection, Assembly & Trouble shooting of Linear Motion Guideways & Ball Screws for Industrial Machinery	2	January 2027
58.	8D Problem Solving Methodology and 7QC Tools	2	January 2027
59.	Implementation of the Production Part Approval Process (PPAP)	1	February 2027
60.	How to Improve OEE and Achieve Manufacturing Excellence	1	March 2027





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SL. NO.	TRAINING / COURSE TITTLE	NO. OF DAYS	MONTH OF COMMENCEMENT
1.	Metallurgy for non-metallurgist	1	April 2026 & March 2027
2.	How to improve OEE and achieve manufacturing excellence	2	April & December 2026
3.	How to reduce cost of poor quality	1	May 2026 & February 2027
4.	Welding Technology	2	May 2026
5.	GD&T for Design Manufacturing	2	May 2026 & January 2027
6.	Heat Treatment- Metallurgy and Process	2	June & November 2026
7.	Communication Skills	1	June & December 2026
8.	Engineering drawings and dimensional Metrology	2	June 2026 & February 2027
9.	Six Sigma	2	July 2026
10.	Tolerance Stack up Analysis	2	July & December 2026
11.	Design for Manufacturing & Assembly FIXTURE	2	August 2026 & February 2027
12.	Art of Negotiation	1	August & November 2026
13.	A3 Problem Solving Methodology	2	September 2026 & February 2027
14.	Measurement System Analysis	2	September 2026 & March 2027
15.	8D Problem solving and 7QC Tools	2	October 2026 & March 2027
16.	ISO 9001	2	October 2026
17.	Basics of Mechanical Design	2	November 2026



In House Training by IMTMA

Do you know that many of these training programmes can be delivered at your place !

Our in-house training programmes are designed to bring our resources and expertise to your location. With rich experience in content development and dissemination, IMTMA is well qualified to train your staff.

- Gain competitive edge
- Customized to meet your company's needs
- Learn directly from industry experts
- Save time and money by avoiding the loss of man-hours and travel expenses
- Training organized for many industries including Alstom group, Bajaj Auto, Bharat Forge, Bombardier, Ceratizit India, Dover India, Honey well, Mahindra group, Maruti Suzuki, Meritor, Mercedes Benz, Molex India, Quest Global, Rolls Royce India, Royal Enfield, Sundaram Clayton, TVS Motors, Tata Advanced Materials, Titan Watches, Volvo, Yuken India, etc.,

Training @ IMTMA - UNIQUE FEATURES

- ▶ Programmes are conducted by Subject Matter Experts from Industry who have rich expertise of about 25 years of Industry experience in the relevant field.
- ▶ The theory sessions are supplemented with practical sessions including Hands-on practice, live demonstrations, group exercises / presentations and/or industry visits.
- ▶ Discussion of Industry Case studies / practical examples.
- ▶ Participants go back with clear take aways and implement the key learnings in their own projects.
- ▶ Participants can discuss specific queries / technical challenges with the expert faculty

NOTE :

Programmes are liable to change in case of any unforeseen reasons.
For exact dates, participation fee details and registration

Please visit : www.imtmatraining.com/training_calendar_list

About IMTMA :

Constituted in 1946, Indian Machine Tool Manufacturers' Association (IMTMA) is the single point of contact for the machine tool industry in India. IMTMA is a 'Not for Profit' organization and plays a key role in the growth and development of the Indian Machine Tool Industry and has a membership of about 470 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. IMTMA organises the prestigious IMTEX and Tooltech exhibition, where both Indian and overseas manufacturers showcase their metalworking machines, equipment and tools.

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 in both domestic and overseas markets. IMTMA is proactive in taking new initiatives to promote advancement of metalworking industry in India.

IMTMA has established state-of-art training facilities at its Technology Centres located at BIEC, Bangalore and Pune.



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