



Manufacturing Technology
Training

An IMTMA initiative

ANNUAL TRAINING CALENDAR Consolidated FY 2026-27

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Bangalore - Classroom 2026-27

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Bangalore Classroom Training Program FY 26-27

Sl No	April 2026	May 2026	June 2026	July 2026
1	Interpretation of Manufacturing Drawing and Measurements	Selection of Cutting Tools, Parameters and Programming in Machining Centres	Design of Fixtures for Machining Applications - A practical approach	Machine Tool Design-Special; Purpose Machine (SPM)
2	Manufacturing Processes and Programming on CNC Turning Centres	Essential Information for Manufacturing Professionals and CNC Programming	ASME Certified - PD: 694 –Training on Geometric Dimensioning and Tolerancing in Design thru Manufacturing (for GDTP-Technologist Level)	Surface Plating and Protection Technology
3	Machine Tool Design-Special; Purpose Machine (SPM)	DNA of a Star Sales Performer	Hands-on training in Operation and Programming of CNC Co-ordinate Measuring Machines (CMMs)	Operational excellence through QCD improvement
4	Finishing School in Production Engineering	Certified specialist in Root cause analysis	Internship Course- Integrated course	Demystifying Industry 5.0 and how it could affect manufacturing
5	Good Earthing Practices	Introduction to Digital Factory	Effective deburring of metallic, machined components	Finite Element Methods(FEM) for Structural Design - How and Why?
6	A3 Problem solving methodology – As Per Toyota Production System	Design of Gear Box	Defect analysis and troubleshooting of casting	ISO 9001:2015 (QMS IA) Internal Auditor
7	Fundamentals of Injection Mould Design	INDUSTRY 4.0 CHAMPIONSHIP PROGRAM	Antifriction Bearings - Selection, Types, Applications and Evaluation Bearing Life	Heat Treatment- Metallurgy and Processes
8	Engineering Materials and their selection - Key to Successful Design	World Class Manufacturing - What, Why and How; Tools and Techniques	LM Guideways and Ball screws- Types, Applications, Selection, Assembly and Troubleshooting	"Fundamentals of Advanced Product Quality Planning (APQP)
9	How to Improve OEE and Achieve Manufacturing Excellence	Value engineering and value analysis (VA/VE)	Design Thinking	and Implementation of the Production Part Approval Process (PPAP)"
10	Quick changeover techniques (SMED) in Discrete Manufacturing	Skillful Negotiation	Systematic Shopfloor Management (SSM)	AS9100:2016 RevD (Internal Auditor)
11	How to become an effective FMEA Practitioner as per combined AIAG & VDA Version	Value Stream Mapping	Tolerance Stack-Up Analysis	
12	Implementing SPC, a Game Changer for Cost Reduction	Geometric Dimensioning and Tolerancing (GD&T) in Design through Manufacturing	8D Problem Solving Methodology and 7QC Tools	
13			Effective Maintenance Towards Zero Down Time (ZDT) - Electrical Aspects of CNC Machines	
14			Hands-on training in PLC Programming and Networking	

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Bangalore Classroom Training Program FY 26-27

Sl No	August 2026	September 2026	October 2026	November 2026
1	Design of Servo Axis	Selection of Cutting Tools, Parameters and Programming in Machining Centres	ASME Certified Geometric Dimensioning & Tolerancing (GD&T) in Design through Manufacturing - Senior Level	Design of Fixtures for Machining Applications - A practical approach
2	Interpretation of Manufacturing Drawing and Measurements	Essential Information for Manufacturing Professionals and CNC Programming	Machine Tool Design-Special; Purpose Machine (SPM)	Hands-on training in Operation and Programming of CNC Co-ordinate Measuring Machines (CMMs)
3	Manufacturing Processes and Programming on CNC Turning Centres	Kaizen Methodology and Poka Yoke	Cost and Cycle Time Reduction in CNC Machining applications (Milling and Hole Making Operations)	Essentials of VDA 6.3 implementation
4	Finishing School in Production Engineering	Best Practices for Manufacturing Cost Reduction	Understanding TPM and Roadmap for Implementation of TPM	Induction Hardening and Other Surface Heat Treatment Processes
5	VFD Technology for Industrial Applications and Energy Saving	Welding Technology for Practicing Engineers	ISO 14001:2015 Internal Auditor (IA) Training Program	Metal Casting Technology- Processes, DFM, Quality and Cost Consideration
6	Lean Daily Work Management (DWM) System	ISO 45001: 2018 (Occupational Health and Safety Management System- Internal Auditor)	How to reduce Cost of Poor Quality (COPQ)	Design and Processing Techniques for Plastic Parts
7	Defect Analysis and Trouble Shooting in Painting and Powder Coating Applications	Enhancing productivity in Grinding operations	How to Improve OEE and Achieve Manufacturing Excellence	CE Marking - Compliance requirements for Export Markets - Europe, North America & GCC countries
8	Industrial Sensors- Types, Selection, Applications for process Control	Design For Manufacturing and Assembly (DFMA) – Plastics, Sheetmetal, Castings, Forgings and Machined Parts	Quick changeover techniques (SMED) in Discrete Manufacturing	INDUSTRY 4.0 CHAMPIONSHIP PROGRAM
9	Care for Machine Tool Spindles - Systematic Approach for Spindle Maintenance	Materials Management and Inventory Control	How to become an effective FMEA Practitioner as per combined AIAG & VDA Version	World Class Manufacturing - What, Why and How; Tools and Techniques
10	Advanced Concepts of GD&T	Implementing Toyota Production System Why What and How?	Implementing SPC, a Game Changer for Cost Reduction	Value engineering and value analysis (VA/VE)
11	Effective new product development (NPD) process	Metallurgy for Non-Metallurgists	Hands-on training in PLC Programming and Networking	Skillful Negotiation
12	Measurement System Analysis (MSA)	Artificial Intelligence for Smart Manufacturing		Value Stream Mapping
13	Maintenance Troubleshooting & Design of Hydraulics & Pneumatics Systems	Geometric Dimensioning and Tolerancing (GD&T) in Design through Manufacturing		

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Bangalore Classroom Training Program FY 26-27

Sl No	December 2026	January 2027	February 2027	March 2027
1	Interpretation of Manufacturing Drawing and Measurements	ASME Certified - PD: 694 –Training on Geometric Dimensioning and Tolerancing in Design thru Manufacturing (for GDTP-Technologist Level)	5 Axis CNC Programming using Mastercam	Machining Aerospace Materials
2	Manufacturing Processes and Programming on CNC Turning Centres	Intenship Course- Integrated course	Surface Finishing	Materials Management and Inventory Control
3	Finishing School in Production Engineering	Selection of Cutting Tools, Parameters and Programming in Machining Centres	Design and Processing Techniques for Sheet Metal Parts	Implementing Toyota Production System Why What and How?
4	Lean 4.0 Integration & Enhancement of Lean with I4.0	Essential Information for Manufacturing Professionals and CNC Programming	Motion Control & Servo Technology	Metallurgy for Non-Metallurgists
5	How to bring in energy efficiency at Plant level?	Machine Tool Design-Special; Purpose Machine (SPM)	Best Practices in Supply Chain Management for Survival and Growth	Artificial Intelligence for Smart Manufacturing
6	Selection and sizing of Motors for Industrial Applications	Plant maintenance – Electrical aspects	Advanced Concepts of GD&T	
7	Electrical Engineering Fundamentals for Non-Electrical Engineers	Advanced Purchase and Procurement Practices to Enhance Competitiveness	Effective new product development (NPD) process	
8	Defects Analysis and Troubleshooting of Injection Moulded Plastic Parts	Design for welding - Scientific approach for strength and cost optimization	Measurement System Analysis (MSA)	
9	Systematic Shopfloor Management (SSM)	ISO 9001:2015 (QMS IA) Internal Auditor	AS9100:2016 RevD (Internal Auditor)	
10	Tolerance Stack-Up Analysis	Heat Treatment- Metallurgy and Processes	Maintenance Troubleshooting & Design of Hydraulics & Pneumatics Systems	
11	8D Problem Solving Methodology and 7QC Tools	"Fundamentals of Advanced Product Quality Planning (APQP)	Geometric Dimensioning and Tolerancing (GD&T) in Design through Manufacturing	
12	Effective Maintenance Towards Zero Down Time (ZDT) - Electrical Aspects of CNC Machines	and Implementation of the Production Part Approval Process (PPAP)"	Hands-on training in PLC Programming and Networking	

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Pune - Classroom 2026-27

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Pune Classroom Training Program FY 26-27

Sl No	April 2026	May 2026	June 2026	July 2026
1	Mastering 5-Axis CNC Programming Advanced Techniques and Strategies	Design of Fixtures for Machining Applications - A practical approach	Finishing School In Production Engineering	Machine Tool Design - SPM
2	Design of Gauges	Quick changeover techniques (SMED) in Discrete Manufacturing	Engineering Drawing Reading	Care for Machine Tool Spindles - Systematic Approach for Spindle Maintenance
3	Advanced Technologies in Sheet Forming	Gear Manufacturing - Hobbing and Shaping Processes	CNC Programming and Machining	"Maintenance, Troubleshooting of Hydraulics & Pneumatics
4	28 Major Losses in WCM	Cost Reduction through Lean tools	VMC Programming and Machining	systems"
5	Light-Weighting of Automobiles	Zero defects in welding applications	Advanced Programming for CNC Machining Centres	Machining Defects Analysis and Troubleshooting
6	Design Failure Mode Effect Analysis (DFMEA)	Fundamentals of Advanced Product Quality Planning (APQP)	Burr Management in Machining-Burr Minimization and Finishing of Edges	Defects Analysis of Paint & Powder Coating Applications
7		Implementing SPC, a Game Changer for Cost Reduction	Geometric Dimensioning & Tolerancing (GD&T) in Design through Manufacturing	Stamping Die Maintenance: A Way Forward for Enhancing Die Life and Product Quality
8		Heat Treatment & Metallurgy	Advanced Quality Tools	Programmable Logic Controller (PLC) - Basic Programming and Troubleshooting
9		Value engineering and value analysis (VA/VE)	Primer Course on Sheet Metal Forming Technology	Process and Die Design - Hot Forging Applications
10		How to reduce Cost of Poor Quality (COPQ)	Measurement System Analysis (MSA)	Machine Breakdown Analysis
11			Certified specialist in Root cause analysis	Implementation of the Production Part Approval Process (PPAP)
12			Defect analysis and troubleshooting of casting	8D Problem Solving Methodology and 7QC Tools

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Pune Classroom Training Program FY 26-27

Sl No	August 2026	September 2026	October 2026	November 2026
1	Effective CNC Maintenance- Electrical Aspects	Machine Tool Spindles - Design Approach	Geometric Dimensioning & Tolerancing (GD&T) in Design through Manufacturing	Design of Fixtures for Machining Applications - A practical approach
2	Selection, Assembly & Trouble shooting of Linear Motion Guideways & Ball Screws for Industrial Machinery	Importance of Safety in Maintenance	Gear Metrology & Measurement Methods	Hands-on Training in Dimensional Metrology and Inspection
3	Fundamentals of Painting Technology	Hot Forging Technology - Processes, DFM, Quality and Cost Considerations	TRIZ: Shortcut to Innovative Solutions	Advanced Quality Tools
4	Surface Plating and Protection Technology	Low Cost Automation		Fundamentals of Advanced Product Quality Planning (APQP)
5	Latest Trends & Applications in Fine Blanking Technology	Design of Gears & Gears Boxes		
6	Metallurgy for Non-Metallurgists	Implementing Industry 4.0 in Indian context		
7	A3 Problem solving methodology – As Per Toyota Production System	Best Practices in Supply Chain Management for Survival and Growth		
8	Value Stream Mapping	How to Improve OEE and Achieve Manufacturing Excellence		

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Pune Classroom Training Program FY 26-27

Sl No	December 2026	January 2027	February 2027	March 2027
1	Women Empowerment - Machine Tool Design - SPM	Finishing School In Production Engineering	Geometric Dimensioning & Tolerancing (GD&T) in Design through Manufacturing	Burr Management in Machining-Burr Minimization and Finishing of Edges
2	"Maintenance, Troubleshooting of Hydraulics & Pneumatics systems"	Engineering Drawing Reading	Light-Weighting of Automobiles	How to Improve OEE and Achieve Manufacturing Excellence
3		CNC Programming and Machining	Implementation of the Production Part Approval Process (PPAP)	Certified specialist in Root cause analysis
4	Stamping Die Maintenance: A Way Forward for Enhancing Die Life and Product Quality	VMC Programming and Machining	Metallurgy for Non-Metallurgists	
5	Machine Breakdown Analysis	Advanced Programming for CNC Machining Centres	Value engineering and value analysis (VA/VE)	
6	Zero defects in welding applications	Selection, Assembly & Trouble shooting of Linear Motion Guideways & Ball Screws for Industrial Machinery		
7	Primer Course on Sheet Metal Forming Technology	Defects Analysis of Paint & Powder Coating Applications		
8	Implementing SPC, a Game Changer for Cost Reduction	8D Problem Solving Methodology and 7QC Tools		
9	Measurement System Analysis (MSA)	Heat Treatment & Metallurgy		
10	How to reduce Cost of Poor Quality (COPQ)	Defect analysis and troubleshooting of casting		

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Gurugram - Classroom 2026-27

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Gurugram Classroom Training Program FY 26-27				
Sl No	April 2026	May 2026	June 2026	July 2026
1	Metallurgy for non-metallurgist	How to reduce cost of poor quality	Heat Treatment- Metallurgy and Process	Six Sigma
2	How to improve OEE and achieve manufacturing excellence	Welding Technology	Communication Skills	Tolerance Stack up Analysis
3		GD&T for Design Manufacturing	Engineering drawings and Dimensional Meterology	

Gurugram Classroom Training Program FY 26-27				
Sl No	August 2026	September 2026	October 2026	November 2026
1	Design for Manufacturing & Assembly FIXTURE	A3 Problem Solving Methodology	8D Problem solving and 7QC Tools	Basics of Mechanical Design
2	Art of Negotiation	Measurement System Analysis	ISO 9001	Heat Treatment- Metallurgy and Process
3				Art of Negotiation

Gurugram Classroom Training Program FY 26-27				
Sl No	December 2026	January 2027	February 2027	March 2027
1	How to improve OEE and achieve manufacturing excellence	GD&T for Design Manufacturing	How to reduce cost of poor quality	Metallurgy for non-metallurgist
2	Tolerance Stack up Analysis		A3 Problem Solving Methodology	8D Problem solving and 7QC Tools
3	Communication Skills		Design for Manufacturing & Assembly FIXTURE	Measurement System Analysis
4			Engineering drawings and dimensional Meterology	

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