



IMTMA Technology Centre

Indian Machine Tool Manufacturers' Association

www.imtma.in



IMTMA TRAINING CALENDER

MAY JUNE JULY- 2013

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BANGALORE PUNE GURGAON

- **More than 150 Training Programmes covering 50 Industry Topics in -**
 - **Design of Machine Tools and Subsystems**
 - **Productivity Improvement in Machining**
 - **CNC Programming & Operation**
 - **Quality Control and Metrology**
 - **Manufacturing Automation**
 - **Maintenance of Machines**
 - **Metal Forming Technology**
- **25000 Man days of training in last 5 years**

MAKING ENGINEERS INDUSTRY READY



Training Programmes at a glance: May 2013

Sl.	Programme Name	Bangalore	Pune	Gurgaon
1	Calibration of Dimensional Measuring Instruments & Uncertainty in Measurement	9 - 10		
2	Implementing Manufacturing ERP - Digital Factory	15 - 16		
3	Statistical process Control (SPC) for engineers	17 - 18		
4	Competency-based Job Profiling and Interviewing Skills	17 - 18		
5	Basics of Programming & Operation of Machining Centres	20 - 24		
6	Selection & Application of Tooling for CNC Turning Centres	28 - 29		
7	Process Capability - The Quality Route to Sustained Growth in Manufacturing			10 - 11
8	Applications of Surface finishing processes			17
9	Training Programme on Geometric Dimensioning & Tolerancing in Design through Manufacturing			24 - 25
10	Selection & Application of Tooling for CNC Machining Centres			28 - 29
11	Workshop on Failure Mode & Effects Analysis		10 - 11	
12	Training Programme on Reducing Cycle Time & Machining Cost on CNC Turning Centres		14 - 15	
13	Calibration of CNC machines		22	
14	Seminar on Servo Technology for Industrial Motion Control		28 - 29	
15	Seminar on PLC Technology in Industrial Automation		31	

- **Finishing School in Production Engineering**
 - 4 weeks intensive course with Hands-on training in CNC Machines, CAD/CAM and Measuring equipments
 - Meant for Junior engineers / Shop supervisors / New recruits in manufacturing industries
 - Ideal for Fresh Engineers (BE/Diploma) in Mechanical Engg. or allied disciplines
- 10 batches completed till date and trained more than 300 engineers

MAKING ENGINEERS INDUSTRY READY



Training Programmes at a glance: June 2013

Sl.	Programme Name	Bangalore	Pune	Gurgaon
1	Hands-on training in Operation of Co-ordinate Measuring Machines (CMMs)	10 - 14		
2	Workshop on plastic part design and processing	13 - 14		
3	Workshop on 'Measuring Productivity through OEE'	19		
4	Workshop on Process Capability - The Quality Route to Sustained Growth in Manufacturing	20 - 21		
5	Seminar on Additive manufacturing Technologies	25 - 26		
6	Visual management / Visual factory	27 - 28		
7	System Approach to Precision Grinding Process			3 - 6
8	Seminar on Heat Treatment Process in Metalworking			14 - 15
9	Workholding & Fixturing Techniques for Productivity Improvement on CNC Machines			26 - 27
10	Design of Experiments		7 - 8	
11	Applications of LASER in manufacturing		14	
12	Workshop on measurement of Form & Positional Errors		17 - 18	
13	Awareness Programme on ISO/IEC 17025 - 2005 for Mechanical Testing and Calibration Laboratories		19	
14	Seminar on Idle Time Reduction in Metalworking through Quick changeover techniques		25	

- **Customised / In house training as per specific Industry needs**
 - Customised training programmes organised for Godrej & Boyce, TVS Motors, Kennametal, Sansera Engineering etc.,
 - In-house training programmes organised at Maruti Suzuki, Honda Motors, Mercedes-Benz, Meritor etc.,

Note :

1. Dates indicated are tentative and are subject to change
2. Detailed brochure of individual programmes will be sent to interested companies one month before the scheduled dates

MAKING ENGINEERS INDUSTRY READY

Training Programmes at a glance: July 2013

Sl.	Programme Name	Bangalore	Pune	Gurgaon
1	Training Programme on Geometric Dimensioning & Tolerancing in Design through Manufacturing	15 - 17		
2	Advanced Training Programme on Geometric Dimensioning & Tolerancing	18 - 19		
3	Design of sheet metal parts	11 - 12		
4	Training Programme on Design and Analysis of Machine Tool Spindle	30 - 31		
5	Seminar on Inspection and Testing of CNC Metal Cutting Machine Tools	29		
6	Gear Metrology	24		
8	Training Programme on Selection, Assembly and Trouble shooting of Linear Motion Guideways and Ball Screws for Industrial Machinery			30
9	Seminar on Getting the Best out of CMMs			18 - 19
10	Primer Course on Sheet Metal Forming			12 - 13
11	Training Programme on Practical Solutions for Designing Complex Injection Moulds		30 - 31	
12	Productive Utilization of CNC Grinding Machines		16 - 17	
13	Design and Analysis of Structures of Industrial machines		24 - 25	
14	Seminar on Cost Effective Automation for Metalworking		23	
15	Basics of Gear Manufacturing processes		12 - 13	
16	Seminar on Manufacturing Excellence through TQM approach		9 - 10	

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