



Government of India - Ministry of Labour and Employment
 Directorate General of Employment and Training
ADVANCED TRAINING INSTITUTE, CHENNAI
 CTI Campus, Guindy Industrial Estate, Chennai600 032

TRAINING CALENDAR
 APRIL 2009 TO MARCH 2010

a) REGULAR COURSES

	S.No.	Course Title	No. of Week	Commencing From
HYDRAULIC & PNEUMATIC CONTROLS	1. 01	ELECTRO HYDRAULIC & PNEUMATIC CONTROLS	2	10.08.2009, 05.10.2009, 01.02.2010
	1. 02	PLCs IN HYDRAULIC & PNEUMATIC CONTROL SYSTEMS	2	01.06.2009, 19.10.2009
	1. 03	MAINTENANCE of HYDRAULIC & PNEUMATIC CONTROL SYSTEMS	2	31.08. 2009, 04.01.2010, 15.03.2010
	1. 04	OVERHAULING of HYDRAULIC PUMPS & COMPRESSORS	2	15.06.2009, 03.11.2009
	1. 05	MECHATRONICS (HYDRAULICS & PNEUMATICS)	2	13.07.2009, 16.11.2009
	1. 06	LOW COST AUTOMATION (HYDRAULICS & PNEUMATICS)	2	27.07.2009, 14.09.2009, 15.02.2010
	1. 07	PNEUMATIC CONTROLS for SUPERVISORS	1	18.05.2009, 24.08.2009, 30.11.2009
	1.08	HYDRAULIC & PNEUMATIC CIRCUIT DESIGN USING FLUID-SIM SOFTWARE	1	06.07.2009, 01.03.2010
ELECTRICAL & ELECTRONICS MAINTENANCE / CONTROLS	2. 01	AC / DC DRIVES & THYRISTOR CONTROL of MOTORS	2	13.07.2009, 29.09.2009, 04.01.2010, 22.02.2010
	2. 02	MAINTENANCE & SERVICING of AC & DC POWER SUPPLIES and U.P.S.	2	04.05.2009, 17.08.2009, 03.11.2009, 15.03.2010
	2. 03	INDUSTRIAL AUTOMATION WITH DRIVES and PLCs(DELTA PLC)	2	22.06.2009, 07.09.2009, 14.12.2009
	2. 04	PLC PROGRAMMING and ITS APPLICATIONS IN INDUSTRIAL CONTROL (DELTA PLC)	1	30.03.2009, 03.08.2009, 19.10.2009, 15.02.2010
	2. 05	MICRO PROCESSOR 8085 PROGRAMMING & APPLICATIONS	2	01.06.2009, 23.11.2009
	2. 06	CONTROL OF ELECTRICAL MOTORS	2	13.04.2009, 06.07.2009, 05.10.2009, 11.01.2010
	2. 07	MAINTENANCE OF MOTORS & TRANSFORMERS	2	04.05.2009, 03.08.2009, 09.11.2009, 01.02.2010
	2.08	ELECTRICAL SAFETY	1	15.06.2009, 31.08.2009, 07.12.2009, 08.03.2010
PROCESS CONTROL INSTRUMENTATION	3. 01	TESTING & CALIBRATION OF INDUSTRIAL INSTRUMENTS (Pressure & Temperature)	1	22.06.2009, 14.09.2009, 09.11.2009, 01.02.2010
	3. 02	VIRTUAL INSTRUMENTATION AND INSTRUMENT AUTOMATION (Agilent VEE Pro)	1	13.07.2009, 30.11.2009, 01.03.2010
	3. 03	EMBEDDED CONTROLLERS AND REAL-TIME OPERATING SYSTEMS IN MODERN INDUSTRIAL CONTROL	2	13.04.2009, 10.08.2009, 07.12.2009
	3. 04	GE- Fanuc PLC PROGRAMMING AND APPLICATIONS	1	11.05.2009, 03.08.2009, 23.11.2009, 08.03.2010
	3. 05	ALLEN BRADLEY SLC 5/04 PLC PROGRAMMING & MAINTENANCE	1	15.06.2009, 07.09.2009, 05.10.2009, 04.01.2010, 15.03.2010
	3. 06	ALLEN BRADLEY SLC 5/04 PLC ADVANCED PROGRAMMING AND INDUSTRIAL NETWORKING	2	18.05.2009, 12.10.2009, 18.01.2010
	3. 07	ALLEN BRADLEY RSVIEW-32 SCADA PROGRAMMING AND OPC	1	27.07.2009, 22.03.2010
	3. 08	PROCESS AUTOMATION USING PLC & SCADA/HMI (AB SLC 500 & RSVIEW-32)	2	27.04.2009, 29.06.2009, 24.08.2009, 26.10.2009, 15.02.2010
CAD / CAM	4. 01	AUTOCAD FOR 2D & 3D DRAFTING	2	13 04 2009, 10.08.2009, 14.09.2009, 26.10.2009, 22.02.2010
	4. 02	SOLID WORKS 2009	2	27.04.2009, 24.08.2009, 09.11.2009, 08.03.2010
	4. 03	MASTERCAM X2	2	18.05.2009, 29.09.2009, 30.11.2009
	4. 04	INVENTOR 2008	2	01.06.2009, 12.10.2009, 14.12.2009
CNC CENTRE	5. 01	CNC TURN - MILL CENTRE - PROGRAMMING & OPERATION (FANUC oi -TB)	2	22.06.2009, 29.09.2009, 21.12.2009, 25.01.2010
	5. 02	ADVANCED CNC MILLING - PROGRAMMING & OPERATION (FANUC O-M 4 Axes)	2	20.04.2009, 13.07.2009, 19.10.2009, 11.01.2010
	5. 03	CNC MILLING - PROGRAMMING & OPERATION (SIEMENS 810 M)	2	24.08.2009, 09.11.2009, 22.02.2010
	5. 04	CNC TURNING - PROGRAMMING & OPERATION (SIEMENS 810 T)	2	01.06.2009, 27.07.2009, 30.11.2009

	S.No.	Course Title	No. of Week	Commencing From
HEAT ENGINE	6. 01	REPAIR & MAINTENANCE OF DIESEL ENGINES	2	18.05.2009, 22.06.2009, 14.09.2009, 23.11.2009,
	6. 02	OVERHAULING & TESTING OF FUEL INJECTION PUMP EQUIPMENT	2	13.07.2009, 29.09.2009, 01.03.2010
	6. 03	REPAIR & MAINTENANCE OF PETROL ENGINES	2	24.08.2009, 03.11.2009, 25.01.2010
INDUSTRIAL CHEMISTRY	7. 01	GAS CHROMATOGRAPHY	1	20.04.2009, 04.05.2009, 25.05.2009, 01.06.2009, 22.06.2009, 06.07.2009, 27.07.2009, 03.08.2009, 24.08.2009, 07.09.2009, 12.10.2009, 26.10.2009, 09.11.2009, 23.11.2009, 07.12.2009, 04.01.2010, 18.01.2010, 01.02.2010, 08.03.2010
	7.02	SPECTROPHOTOMETRIC ANALYSIS	1	14.09.2009, 19.10.2009, 16.11.2009, 14.12.2009, 11.01.2010, 08.02.2010, 15.03.2010
PRODUCTION TECHNOLOGY	8. 01	PRECISION GRINDING – SURFACE & CYLINDRICAL	2	02.06.2009, 29.09.2009, 08.02.2010,
	8. 02	MILLING PRACTICE (V-Block, Helical, Cam milling etc.)	2	10.08.2009, 09.11.2009
	8. 03	TOOL & CUTTER GRINDING TECHNIQUES	2	18.05.2009, 26.10.2009, 29.12.2009
	8. 04	MANUFACTURING of JIGS & FIXTURES using Toolroom Machines	3	01.06.2009, 24.08.2009, 09.03.2010
	8. 05	LAPPING & HONING PRACTICE	1	14.09.2009, 14.12.2009, 08.03.2010
	8. 06	GEAR MANUFACTURING TECHNIQUES	2	06.07.2009, 25.01.2010
	8. 07	MANUFACTURING of PRESS TOOLS	3	20.07.2009, 23.11.2009
METROLOGY & ENGINEERING INSPECTION	9. 01	ENGINEERING MEASUREMENT, MEASURING EQUIPMENTS & QUALITY CONTROL	2	11.05.2009, 01.06.2009, 06.07.2009, 10.08.2009, 26.10.2009, 30.11.2009, 29.12.2009, 01.02.2010
	9. 02	STATISTICAL PROCESS CONTROL PRACTICES	1	20.07.2009, 23.11.2009, 18.01.2010
	9. 03	INSPECTION TECHNIQUES of PRECISION COMPONENTS AND SURFACE FINISH	1	22.06.2009, 16.11.2009
	9. 04	INSPECTION TECHNIQUES of PLAIN, TAPERED & THREADED COMPONENTS	1	27.07.2009, 09.11.2009
	9. 05	CMM and its applications	1	15.06.2009, 29.09.2009, 22.03.2010
	9. 06	CALIBRATION of DIMENSIONAL MEASURING INSTRUMENTS & GAUGES	1	30.03.2009, 03.08.2009, 05.10.2009, 14.12.2009,
	9.07	INSPECTION TECHNIQUES of GEOMETRIC FEATURES (Straightness, Flatness, Roundness, Concentricity etc.)	1	19.10.2009, 25.01.2010
	9.08	TOTAL QUALITY MANAGEMENT	1	04.05.2009, 14.09.2009, 30.11.2009, 08.03.2010
	9.09	QUALITY CONTROL CIRCLE	1	25.05.2009, 03.08.2009, 26.10.2009, 04.01.2010
	9.10	ISO 9000	1	08.06.2009, 07.09.2009, 14.12.2009
	9.11	QUALITY CONTROL MANAGEMENT	2	29.06.2009, 15.02.2010
	9.12	SUPERVISORY DEVELOPMENT PROGRAMME	2	24.08.2009, 18.01.2010
MACHINE TOOL MAINTENANCE	10. 01	MACHINE TOOL MAINTENANCE	2	20.04.2009, 08.06.2009, 13.07.2009, 07.09.2009, 09.11.2009, 22.02.2010
	10.02	MAINTENANCE ENGINEERING	2	04.05.2009, 22.06.2009, 24.08.2009, 19.10.2009, 30.11.2009, 18.01.2010
	10. 03	5 S WORK PLACE MANAGEMENT & TOTAL PRODUCTIVE MAINTENANCE	1	30.03.2009, 25.05.2009, 03.08.2009, 05.10.2009, 04.01.2010, 08.02.2010
	10. 04	MAINTENANCE of BEARING & LUBRICATION	1	13.04.2009, 01.06.2009, 10.08.2009, 12.10.2009, 14.12.2009, 15.03.2010
HEAT TREATMENT & MATERIAL TESTING	11. 01	MATERIAL TESTING & HEAT TREATMENT	2	13.04.2009, 08.06.2009, 27.07.2009, 12.10.2009, 07.12.2009, 18.01.2010
	11. 02	HEAT TREATMENT for TECHNICIANS	2	04.05.2009, 29.06.2009, 17.08.2009, 03.11.2009, 08.02.2010
	11. 03	HEAT TREATMENT for SUPERVISORS & ENGINEERS	1	01.06.2009, 10.08.2009, 07.09.2009, 16.11.2009, 11.01.2010, 22.02.2010
	11. 04	FAILURE ANALYSIS and HEAT TREATMENT	1	30.03.2009, 22.06.2009, 31.08.2009, 26.10.2009, 21.12.2009, 01.02.2010
ADVANCED WELDING	12. 01	TIG – WELDING	2	13.04.2009, 24.08.2009, 16.11.2009
	12. 02	MIG – MAG WELDING	2	27.04.2009, 13.07.2009, 30.11.2009
	12. 03	HIGH PRESSURE PIPE WELDING – 6 G	2	11.05.2009, 15.02.2010
	12. 04	WELDING & INSPECTION	2	25.05.2009, 14.09.2009
	12. 05	DESTRUCTIVE & NON DESTRUCTIVE TESTING OF WELDMENTS	2	29.06.2009, 26.10.2009, 18.01.2010
	12.06	ALUMINIUM WELDING	1	15.06.2009, 19.10.2009
	12. 07	STAINLESS STEEL WELDING	1	22.06.2009, 12.10.2009
	12.08	SUB MERGED ARC WELDING	1	03.08.2009, 05.10.2009, 22.03.2010
	12.09	WELDING for REPAIR & MAINTENANCE	2	04.01.2010
	12.10	RESISTANCE WELDING	1	14.12.2009, 15.03.2010

- b) CoE INSTRUCTORS TRAINING PROGRAMME : These courses are meant for ITI Instructors whose institution designated for conducting CoE training programme for 'Production & Manufacturing' Sector under VTIP implementation plan.

Module No.	Module Name	No. of Weeks	Commencing From
PMAT 01	CNC Machining	6	10.08.2009, 08.02.2010
PMAT 02	CAD / CAM	6	22.06.2009, 04.01.2010
PMAT 03	PLC & Automation	6	01.06.2009, 04.01.2010
PMAT 04	Quality Engineering	6	10.08.2009, 01.02.2010
PMAT 05	Manufacturing of Jigs and Fixtures	6	03.08.2009, 08.02.2010
PMAT 06	Advanced Welding	6	17.08.2009, 01.02.2010

- c) TAILOR MADE COURSES: These courses are meant to meet specific requirements of an industry / Establishment and will be conducted in the above areas or multi disciplinary / multi skill manner for the duration and content as required by the sponsoring organization
- d) EVENING/WEEKEND COURSES : As per demand from working personnel

GENERAL INFORMATION

a) **QUALIFICATION:**
Engineering Degree / Diploma / NAC / NTC etc. / Long industrial experience & Graduate in Science with Chemistry as a subject for Industrial chemistry courses

b) **TUITION FEE :**

CATEGORY	TAILOR-MADE COURSES	REGULAR & OTHER COURSES
i) Candidates sponsored from Govt. Depts. Viz., Defence, Railways, etc. & Govt. Technical Institutions / Colleges	Rs. 1300/- per week	Rs. 650/- per week
ii) Candidates sponsored from Autonomous Institutions / Dept./ PSUs / Large & Medium Scale Industries	Rs. 2500/- per week	Rs. 1250/- per week
iii) Candidates sponsored from Small Scale Industries & fresh graduates	-----	Rs. 350/- per week

c) **OTHER CHARGES:**

(a) Application cum Registration charges: Rs: 100/- payable with application / nomination

(b) Gymkhana Rs.5/- per course; at the time of admission by cash only

(c) Hostel seat rent rs.50/- per day per participant, at the time of admission in case hostel accommodation is required

d) **APPLICATION / NOMINATION FORMAT**

- I) a) Name of the course b) course code
- c) Duration - No. of weeks..... From.....To
- II) a) Name of the applicant b) Father / husband's name c) Date of birth
- III) Whether SC / ST / PH / Others
- IV) a) Mailing address b) Phone no..... c) Fax no..... d) E-mail id.....
- V) Academic / Technical qualification
- VI) Experience particulars
- VII) Particulars of IPO / DD (Number & date; bank / post office; place)
- VIII) Signature of the applicant
- IX) If nominated certificate from sponsoring authority

e) **OTHER DETAILS / PARTICULARS**

- Applications/Nominations which are not in the prescribed format is liable to be rejected.
- Applications/Nominations received without prescribed application cum registration charges will be summarily rejected.
- Xerox copies of qualification, experience should be attached with the application.
- Sponsorship if any, in original should be enclosed with application.
- Applications / Nominations should reach this institute at least 3 weeks prior to the date of commencement of course. Seats will be confirmed to selected candidates only.
- Tuition Fee has to be remitted in advance, on confirmation of seat.
- Payments should be made by way of crossed INDIAN POSTAL ORDER (IPO) / DEMAND DRAFT (DD) in favour of DDO, ATI, Chennai payable at Chennai only.
- The institute is situated in Guindy Industrial Estate and well connected by local trains and city buses. It is located opposite to Guindy Railway Station next to Canara Bank / Post Office / Police Station / Guindy Bus Terminus.
- Working Hours: 09.00 Hrs. to 17.30 Hrs Monday to Friday.
- The Director of the Institute / DGET reserves the right to cancel or alter any course / course fee, etc. without assigning any reason / notice.

f) **ADDRESS FOR CORRESPONDENCE :**

The Director,
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Chennai 600 032
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