

FOREMEN TRAINING INSTITUTE

Training calendar for FY 2018-19

Course code	Name of the Course	Weeks	April, May, Jun-2018	Jul, Aug, Sep - 2018	Oct, Nov, Dec-2018	Jan, Feb, Mar - 2019
CNC PROGRAMMING						
0101	CNC Turning, Programming, Simulation & Operation (Siemens 828 control system)	02	09 th Apr – 20 th Apr 21 st May – 01 st Jun	09 th July – 20 th July 30 th July – 10 th Aug	22 nd Oct – 02 nd Nov 03 rd Dec – 14 th Dec	07 th Jan – 18 th Jan 18 th Feb – 01 st Mar
0102	CNC Milling Programming , Simulation & Operation (Siemens 828 control system)	02	30 th Apr – 11 th May 11 th Jun – 22 nd Jun	20 th Aug – 31 st Aug 10 th Sep – 21 st Sep	01 st Oct – 12 th Oct 12 th Nov – 23 rd Nov	28 th Jan– 08 th Feb 11 th Mar – 22 nd Mar
0103	CNC programming, simulation and operation. (Turning and Milling – Siemens 828 control system)	02	----	30 th July – 10 th Aug	01 st Oct – 12 th Oct	----
ELECTRICAL CONTROLS						
0301	Electric Motors	01	16 th Apr – 20 th Apr	2 nd Jul – 6 th Jul	8 th Oct – 12 th Oct	7 th Jan – 11 th Jan
0302	Motor Controls	01	23 rd Apr – 27 th Apr	9 th Jul – 13 th Jul	22 nd Oct – 26 th Oct	21 st Jan – 25 th Jan
0303	Electrical Maintenance	01	14 th May – 18 th May	30 th Jul – 3 rd Aug	29 th Oct – 2 nd Nov	28 th Jan – 1 st Feb
0304	Electrical Safety	01	21 st May – 25 th May	6 th Aug – 10 th Aug	26 th Nov – 30 th Nov	4 th Feb – 8 th Feb
0305	Protective Relays	01	11 th Jun – 15 th Jun	27 th Aug – 31 st Aug	10 th Dec – 14 th Dec	18 th Feb – 22 nd Feb
0306	Circuit Breakers	01	18 th Jun – 22 nd Jun	3 rd Sep – 7 th Sep	17 th Dec – 21 st Dec	25 th Feb – 1 st Mar
0307	O &M of Substation Equipments	02	--	17 th Sep – 28 th Sep	--	11 th Mar – 22 nd Mar
ELECTRONIC CONTROLS						
0401	Microcontroller (8051) and Applications	01	11 th Jun–15 th Jun	27 th Aug – 31 st Aug	12 th Nov – 16 th Nov	4 th Mar – 8 th Mar
0402	PIC Microcontroller (16F87X Series) and Applications	01	14 th May – 18 th May	16 th Jul – 20 th Jul	08 th Oct – 12 th Oct	7 th Jan – 11 th Jan 11 th Mar – 15 th Mar
0403	Programmable Logic Controllers (ALLEN BRADLEY) &Applications	02	30 th Apr – 11 th May	18 th Jun – 29 th Jun 3 rd Sep – 14 th Sep	----	14 th Jan – 25 th Jan 18 th Mar – 29 th Mar
0404	Internet of things and its applications	01	----	24 th Sep – 28 th Sep	22 nd Oct – 26 th Oct 17 th Dec – 21 st Dec	28 th Jan – 1 st Feb 25 th Feb – 1 st Mar
PNEUMATIC CONTROLS						
0501	Pneumatic Controls	01	16 th Apr – 20 th Apr 25 th Jun – 29 th Jun	6 th Aug – 10 th Aug	26 th Nov – 30 th Nov	21 st Jan - 25 th Jan 18 th Mar- 22 nd Mar
0502	Electro-Pneumatic Controls	01	23 rd Apr – 27 th Apr	2 nd Jul – 6 th Jul 13 th Aug – 17 th Aug	3 rd Dec – 7 th Dec	28 th Jan – 1 st Feb 25 th Mar – 29 th Mar
0503	Programmable Logic Controls with Siemens S7-300 with HMI	02	28 th May – 8 th Jun	20 th Aug – 31 th Aug	15 th Oct – 26 th Oct 10 th Dec – 21 st Dec	4 th Feb – 15 th Feb
0504	Advance PLCs (Siemens S7300 with SCADA)	02	--	23 rd Jul – 3 rd Aug	29 th Oct – 9 th Nov	24 th Dec - 4 th Jan 18 th Feb - 1 st Mar
HYDRAULIC CONTROLS						
0601	Hydraulic Controls	01	16 th Apr – 20 th Apr 07 th May – 11 th May 18 th Jun – 22 nd Jun	02 nd Jul – 06 th Jul 30 th Jul – 03 rd Aug 10 th Sep-14 th Sep	22 nd Oct – 26 th Oct 12 th Nov – 16 th Nov 26 th Nov – 30 th Nov 17 th Dec – 21 st Dec	14 th Jan – 18 th Jan 11 th Feb – 15 th Feb 11 th Mar – 15 th Mar
0602	Electro Hydraulic Controls	01	23 rd Apr – 27 th Apr 14 th May – 18 th May 4 th Jun – 8 th Jun	09 th Jul – 13 th Jul 06 th Aug – 10 th Aug 20 th Aug – 24 th Aug 17 th Sep – 21 st Sep	29 th Oct – 02 nd Nov 03 rd Dec – 07 th Dec 31 st Dec – 04 th Jan	04 th Feb – 08 th Feb 25 th Feb – 01 st Mar 18 th Mar – 22 nd Mar

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HYDRAULIC CONTROLS						
0603	Maintenance of Hydraulic Controls	01	--	27 th Aug – 31 st Aug	24 th Dec – 28 th Dec	21 st Jan – 25 th Jan 04 th Mar – 08 th Mar
CAD						
0201	Designing and Detailing using AutoCAD 2016 (Mech.)	02	09 th Apr – 20 th Apr 28 th May – 08 th Jun	6 th Aug – 17 th Aug	24 th Sep – 05 th Oct 26 th Nov – 07 th Dec	21 st Jan – 01 st Feb
METROLOGY – MECHANICAL ENGINEERING						
0701	Engineering Metrology & its Application	02	23 rd Apr – 04 th May	06 th Aug – 17 th Aug	24 th Sep – 05 th Oct	04 th Feb – 15 th Feb
0702	Calibration of Vernier Instruments & Gauges	01	--	20 th Aug – 24 th Aug	--	04 th Mar – 08 th Mar
QUALITY ENGINEERING						
0801	Quality Control Circles (QCC)	01	18 th Jun – 22 th Jun	27 th Aug – 31 st Aug	22 nd Oct – 26 th Oct	25 th Feb – 01 st Mar
0802	Total Quality Management (TQM)	01	14 th May – 18 th May	02 nd July – 06 th July	29 th Oct – 02 nd Nov	07 th Jan – 11 th Jan
0803	Awareness on ISO - 9001:2015 Standards	01	07 th May – 11 th May	03 rd Sep – 07 th Sep	26 th Nov – 30 th Nov	28 th Jan – 01 st Feb
0804	SPC and 6 SIGMA Concepts	01	11 th Jun – 15 th Jun	--	08 th Oct – 12 th Oct	--
0805	Quality Control & Management	02	--	16 th July – 27 th July	03 rd Dec – 14 th Dec	--
INDUSTRIAL ENGINEERING						
0901	Supervisory Development Programme	02	09 th Apr – 20 th Apr 11 th Jun – 22 nd Jun	06 th Aug – 17 th Aug	22 nd Oct – 02 nd Nov 10 th Dec – 21 st Dec	04 th Feb – 15 th Feb 18 th Mar – 29 th Mar
0902	Project Management	02	21 st May – 01 st Jun	16 th Jul – 27 th Jul 17 th Sep – 28 th Sep	26 th Nov – 07 th Dec	14 th Jan – 25 th Jan
0903	Production Planning & Control	01	07 th May – 11 th May	--	08 th Oct – 12 th Oct	07 th Jan – 11 th Jan
0904	Industrial Ergonomics	01	--	27 th Aug – 31 st Aug	--	04 th Mar – 08 th Mar
WELDING TECHNOLOGY						
1001	Advanced Welding Technology	01	16 th Apr – 20 th Apr	27 th Aug – 31 st Aug	24 th Dec – 28 th Dec	04 th Mar - 08 th Mar
1002	Welding Inspection	01	14 th May - 18 th May	16 th Jul - 20 th July	12 th Nov – 16 th Nov	21 st Jan – 25 th Jan
1003	Non Destructive Testing (NDT)	01	28 th May – 01 st Jun	10 th Sep – 14 th Sep	10 th Dec – 14 th Dec	25 th Feb – 01 st Mar
1004	MIG/MAG Welding	01	07 th May – 11 th May	02 nd Jul – 06 th Jul	22 nd Oct – 26 th Oct	04 th Feb – 08 th Feb
1005	TIG Welding	01	23 rd Apr – 27 th Apr	09 th Jul – 13 th Jul	08 th Oct – 12 th Oct	18 th Feb – 22 nd Feb
1006	TIG & MIG/MAG Welding	02	--	06 th Aug – 17 th Aug	--	11 th Mar – 22 nd Mar
1007	Robot Welding (Programming & Operation)	01	21 st May – 25 th May	30 th Jul – 03 rd Aug	29 th Oct – 02 nd Nov	07 th Jan – 11 th Jan
1008	Welding Processes & NDT Methods	02	11 th Jun – 22 nd June	--	19 th Nov – 30 th Nov	--

Apart from the courses in the training calendar, the following courses/workshop/seminars with the duration as under also can be conducted as per demand

S.no	Training topics	No of days
01	Manufacturing Excellence through SPC and Problem Solving Tools	02
02	ASME Training on Geometric Dimensioning and Tolerancing	02
03	Calibration of Dimensional Measuring Instruments & Evaluation of Uncertainty	02
04	KAIZEN Concepts	01
05	Just In Time Concepts (JIT)	01
06	7 QC Tools	01
07	DMAIC Concepts(6 σ)	02
08	Awareness on using PRIMAVERA Project Management	01
09	Supply Chain Management	01
10	5S Concepts	01
11	Electrical Safety	03
12	Emergency preparedness	01
13	Industrial Safety	02
14	CNC Plasma Cutter Tool Training	02
15	Basic training for GEAR Manufacturing	03
16	Welding procedure Specification(WPS) & Procedure Qualification(PQR)	02
17	Welding Codes & Standard	02
18	Welding of Stainless steel	02

MINIMUM ENTRY QUALIFICATION:

- a) Diploma or BE in appropriate Engineering Discipline or NTC/NAC with 3 years Industrial experience in the same field. Qualifications are relaxable for candidates having vast experience in the concerned field and if sponsored by reputed industry.

NOTE: Course Timings: Monday to Friday from 09:00AM to 05:30PM

FEE DETAILS:

1. Application & Registration Fee per course: Rs. 100/-
2. Gymkhana Fee per course : Rs. 10/- Short Term Course &Rs.15/- Tailor-Made Course
3. Accommodation / Hostel Rent: Rs. 100/- per day per participant, on first come first serve basis

GUESTS / Family will not be permitted to stay in Hostel

4. Tuition Fee details :

COURSES	CATEGORY	TUITION FEE
Regular / Scheduled advanced level Courses	Candidates sponsored from Medium and large scale Industries in both Public and Private Sector	Rs. 2,000/- per trainee per week
	Candidates sponsored from small-scale industries & Private candidates.	Rs. 1,000/- per trainee per week
	Candidates nominated by Government department such as Railways, Defence, etc.	Rs. 1,250/- per trainee per week
	Candidates sponsored from Educational Institutes like Polytechnic/Engg. Colleges and other related Technical Institutions, etc.	Rs. 1,000/- per trainee per week
Tailor-made advanced level courses (Min. 10 Participants)	Candidates sponsored by Medium and Large Scale Industries in both Public and Private Sector	Rs. 4,000/- per trainee per week
	Candidates nominated by Government department such as Railways, Defence, etc.	Rs. 2,500/- per trainee per week
	Candidates sponsored from Educational Institute like Polytechnic, Engg. Colleges and other related Technical Institutions, etc.	Rs. 2,000/- per trainee per week

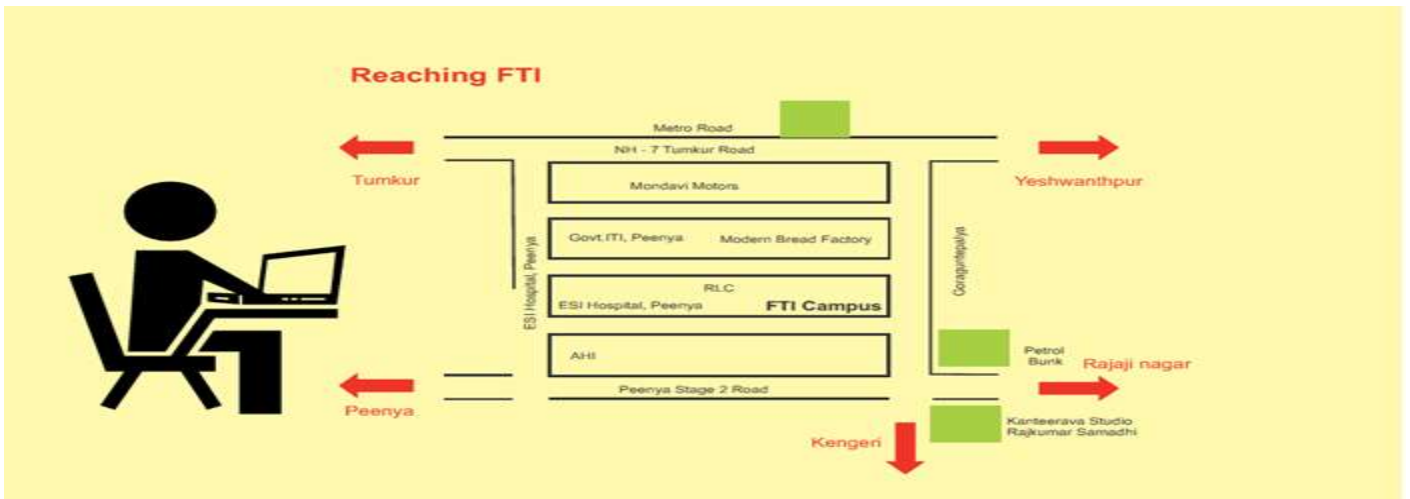
5. Mess facilities are available in hostel, managed by a private contractor. Necessary payment has to be made in cash directly to the Contractor.

6. IMPORTANT INSTRUCTIONS FOR PARTICIPANTS AND SPONSORING AUTHORITIES APPLYING FOR SHORT TERM AND TAILORMADE COURSES

- Application forms can be obtained from the Institute directly or downloaded from our website: www.ftibangalore.gov.in
 - Attested copies of educational qualification & experience to be enclosed along with the application.
 - Nominees sponsored by SSI Should enclose a copy of valid SSI Registration Certificate.
 - Application with necessary enclosures should reach the Institute atleast 4 weeks prior to the commencement of the scheduled course.
 - Preference will be given to candidates from Industries/Government Organizations/Institutions.
 - Application & Registration fee once paid will not be refunded at any cost.
 - Nominees should report at the Institute with the intimation letter on the day of commencement of the course at 9 AM.
 - If Monday happens to be a holiday, the scheduled courses will commence on next working day and if Friday happens to be holiday, the scheduled course will conclude on the previous working day.
 - The Director may change/cancel any training programme without assigning any reason.
 - Hostel facilities are limited & accommodation is allotted on first come first serve basis.
 - Under any circumstances participants accompanying family members will not be provided room in the hostel. Such requests for family accommodation will not be entertained.
- I. The courses will conclude at 5.00 PM on the last working day of the course. Certificates & Relieving Orders will be issued only after 5:00PM on the last day**

7. LOCATION: The Institute is located near Kanteerava Film Studio on the Outer Ring Road and way to Peenya. Bus Route (from majestic) No. 80C, 80F, 98E, 252F, 252H (From K. R. Market) 77A, 77F, 251E, 264 and (From Shivajinagar) 94A, alight at Kanteerava Studio circle Bus stop.

8. All correspondence to be addressed to **The Director, F. T. I. Outer Ring Road, Yeshwanthpur, Bangalore – 560 022**
Telephone No. **080 – 23371209** (Office), **080 – 23571335** (Director) **080 – 23370641**(Fax)
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BY BUS
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Directorate General of Training



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