



सत्यमेव जयते

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**Government of India**

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**Ministry of Skill Development & Entrepreneurship**

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**Directorate General of Training**

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**NATIONAL SKILL TRAINING INSTITUTE - 2**

**(FORMERLY APEX HI-TECH INSTITUTE)**

(□□□□□□ 29990-2010 □□□□□□□□□□ □□□□□□□□)

**(An ISO 29990:2010 Certified Institute)**

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**FTI Campus, YESHWANTPUR, BANGALORE - 560 022**



Directorate General of Training



Skill India  
वीरता मेरु - कदम भारत

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**NO. NSTI.2.T.20019/1/2018-19/**

**DATE: 20.03.2019**

## **TRAINING SCHEDULE FOR 2019-20**

### **1. CNC MAINTENANCE LAB**

Course Code	Course Name	Duration (Weeks)	From	To
CNC 01	Programming And Simulation With Sinutrain Shop Turn For CNC Lathe	1	16/09/2019 10/02/2020	20/09/2019 14/02/2020
CNC 02	Programming And Simulation With Sinutrain Shop Mill For CNC Milling	1	08/04/2019 05/08/2019	12/04/2019 09/08/2019
CNC 03	CNC Machine Maintenance	2	15/07/2019 04/11/2019	26/07/2019 15/11/2019
CNC 04	Programming And Operation Of CNC Turning	2	17/06/2019 10/02/2020	28/06/2019 21/02/2020
CNC 05	Programming And Operation Of CNC Milling	2	08/04/2019 02/12/2019	18/04/2019 13/12/2019
CNC 06	Programming And Operation Of CNC Turn Mill Center	2	20/05/2019 06/01/2020	31/05/2019 17/01/2020
CNC 07	CNC Lathe Operator	4	10/06/2019	05/07/2019
CNC 08	CNC Milling Operator	4	25/11/2019	20/12/2019
CNC 09	3D Printing- An Additive Manufacturing	2	06/05/2019 26/08/2019 09/03/2020	17/05/2019 06/09/2019 20/03/2020

## 2. PRECISION MEASUREMENT LAB

Course Code	Course Name	Duration (Weeks)	From	To
PMDM 01	GD&T Measurements	01	01/04/2019 10/06/2019 24/06/2019 30/12/2019	05/04/2019 14/06/2019 28/06/2019 03/01/2020
PMDM 02	Geometrical Measurements using CMM and RMM (Rondcom)	02	08/04/2019 27/01/2020 09/03/2020	18/04/2019 07/02/2020 20/03/2020
PMDM 03	Introduction to CMM	01	17/06/2019 06/01/2020	21/06/2019 10/01/2020
PMDM 04	CMM operator	02	24/06/2019 16/12/2019	05/07/2019 27/12/2019

## 3. MECHATRONICS LAB

Course Code	Course Name	Duration (Weeks)	From	To
MECH 01	Industrial Automation using PLC & SCADA	2 Weeks	01/04/2019 03/06/2019 02/09/2019 09/12/2019 17/02/2020	12/04/2019 14/06/2019 13/09/2019 20/12/2019 28/02/2020
MECH 02	Programming & Operation of PLC	1 Week	01/04/2019 02/09/2019 09/12/2019 20/01/2020 16/03/2020	05/04/2019 06/09/2019 13/12/2019 24/01/2020 20/03/2020
MECH 03	SCADA Programming	1 Week	10/06/2019 09/09/2019 16/12/2019	14/06/2019 13/09/2019 20/12/2019
MECH 04	Data Acquisition using Labview	1 Week	13/05/2019 01/07/2019 19/08/2019 02/12/2019 27/01/2020 02/03/2020	17/05/2019 05/07/2019 23/08/2019 06/12/2019 31/01/2020 06/03/2020
MECH 05	Mechatronic Maintenance	1 Week	04/11/2019 03/02/2020 09/03/2020	08/11/2019 07/02/2020 13/03/2020
MECH 06	Industrial Robotics using Fanuc M10iA	2 Weeks	29/07/2019 16/09/2019 11/11/2019 10/02/2020	09/08/2019 27/09/2019 22/11/2019 21/02/2020
MECH 07	Sensors & Transducers	2 Weeks	29/04/2019 08/07/2019 14/10/2019	10/05/2019 19/07/2019 25/10/2019

#### 4. EMBEDDED LAB

Course Code	Course Name	Duration (Weeks)	From	To
EMB 01	8051 Microcontroller Application Programming	2 Weeks	03/06/2019 01/07/2019 26/08/2019 27/01/2020	14/06/2019 12/07/2019 06/09/2019 07/02/2020
EMB 02	PIC Microcontroller Application Programming.	2 Weeks	12/08/2019 16/12/2019	23/08/2019 27/12/2019
EMB 03	ARM7 Programming.	2 Weeks	15/07/2019 30/12/2019	26/07/2019 10/01/2020
EMB 04	IoT (Internet of Things) Application Development.	2 Weeks	17/06/2019 29/07/2019 02/12/2019 13/01/2020	28/06/2019 09/08/2019 13/12/2019 24/01/2020

#### 5. GREEN TECHNOLOGY LAB

Course Code	Course Name	Duration (Weeks)	From	To
GT 01	Solar PV Installer (Electrical)	2 Weeks	29/04/2019 15/07/2019 14/10/2019	10/05/2019 26/07/2019 25/10/2019
GT 02	Solar PV Designer	2 Weeks	27/05/2019 16/09/2019 02/12/2019	07/06/2019 27/09/2019 13/12/2019
GT 03	Solar off grid Entrepreneur	1 Weeks	10/06/2019 26/08/2019 28/10/2019 16/12/2019	14/06/2019 30/08/2019 01/11/2019 20/12/2019
GT 04	Solar Photovoltaic Technician	4 Weeks	17/06/2019 30/12/2019	12/07/2019 24/01/2020

#### 6. COMMUNICATION TECHNOLOGY LAB

Course Code	Course Name	Duration (Weeks)	From	To
CT 01	Electronic Circuit Design	2 Week	06/05/2019 26/08/2019 25/11/2019	17/05/2019 06/09/2019 06/12/2019
CT 02	PCB Designing using Or CAD	2 Week	01/04/2019 20/05/2019 10/06/2019 08/07/2019 09/09/2019 28/10/2019 09/12/2019 30/12/2019	12/04/2019 31/05/2019 21/06/2019 19/07/2019 20/09/2019 08/11/2019 20/12/2019 10/01/2020

CT 03	SCILAB Programming	1 Week	05/08/2019 23/03/2020	09/08/2019 27/03/2020
CT 04	Testing and Maintenance of Communication system	1 Week	30/09/2019 11/11/2019 24/02/2020	04/10/2019 15/11/2019 28/02/2020
CT 05	Communication system (Fiber Optic and Mobile)	2 Week	22/04/2019 24/06/2019 22/07/2019 14/10/2019 20/01/2020 09/03/2020	03/05/2019 05/07/2019 02/08/2019 25/10/2019 31/01/2020 20/03/2020

## 7. INFORMATION TECHNOLOGY LAB

Course Code	Course Name	Duration (Weeks)	From	To
IT 01	Web Designing with HTML 5 and CSS	1 week	01/04/2019 01/07/2019 23/09/2019 09/12/2019 03/02/2020	05/04/2019 05/07/2019 27/09/2019 13/12/2019 07/02/2020
IT 02	Dynamic Web Designing using PHP	2 weeks	08/04/2019 08/07/2019 30/09/2019 16/12/2019 10/02/2020	18/04/2019 19/07/2019 11/10/2019 27/12/2019 21/02/2020
IT 03	Dynamic Web Designing using Python	2 weeks	22/04/2019 22/07/2019 14/10/2019 30/12/2019	03/05/2019 02/08/2019 25/10/2019 10/01/2020
IT 04	Object Oriented Programming with Core Java	2 weeks	06/05/2019 05/08/2019 09/03/2020	17/05/2019 16/08/2019 20/03/2020
IT 05	Data Science with R Programming	2 weeks	17/06/2019 19/08/2019 13/01/2020	28/06/2019 30/08/2019 24/01/2020
IT 06	Advanced Web Designing	4 weeks	08/07/2019 16/12/2019	02/08/2019 10/01/2020

## 8. MANAGEMENT DEVELOPMENT PROGRAMME

Course Code	Course Name	Duration (Weeks)	From	To
MDP 01	Management Development Programme	1 Week	13/05/2019 02/09/2019 18/11/2019 16/03/2020	17/05/2019 06/09/2019 22/11/2019 20/03/2020
MDP-02	Soft Skills	1 Week	03/06/2019 23/09/2019 09/12/2019 03/02/2020	07/06/2019 27/09/2019 13/12/2019 07/02/2020

## **Fees Details**

Courses	Category	Tuition fee (per Trainee per Week)
Short Term Courses	Candidates sponsored from MSI and LSI in Public and Private sector	Rs. 2,000/-
	sponsored from (SSI) & Private Candidates	Rs. 1,000/-
	Candidates nominated by Government department	Rs. 1,250/-
	Candidates sponsored from Educational Institutes	Rs. 1,000/-
Tailor-made Courses	Candidates sponsored from MSI and LSI in Public and Private sector	Rs. 4,000/-
	Candidates nominated by Government department	Rs. 2,500/-
	Candidates sponsored from Educational Institutes	Rs. 2,000/-
Application & Registration Fee : Rs. 100/-		
Gymkhana Fee Regular Course Rs. 10/-per Trainee, for Tailor made Course Rs. 15/- per Trainee		
Hostel Facilities Rs. 100/- per day .subject to the availability		

## **9. OTHER COURSES**

### **NEWLY LAUNCHED LONG TERM COURSE (CTS/ BTP/ DIPLOMA)**

i Two years Diploma in IT Networking and Cloud Computing in Collaboration with IBM

Sl. No.	Fee	For Unreserved & OBC Category	For SC/ST Category
1	Registration Fee	Rs.200/- (Per semester)	NIL
2	Admission Fee	Rs.300/- (Per semester)	Rs.60/- (Per semester)
3	Tuition Fee	Rs.1000/- (Per month)	Rs.330/- (Per month)
4	Examination Fee	Rs.200/- (Per semester)*	Rs.50/- (Per Semester)*
5	Caution Money	Rs.500/- (Refundable)	Rs.500/- (Refundable)
6	Library Security	Rs.100/- (Refundable)	Rs.100/- (Refundable)
8	Total (For Non-Hostellers)	Rs.7300/-	Rs.2690/-
9	Hostel Rent	Rs.600 (Rs.100/- per month)	Rs.600 (Rs.100/- per month)
10	Hostel Service Charges	Rs.100/- (for six months)	Rs.100/- (for six months)
11	Hostel Caution Money	Rs.125/- (Refundable)	Rs.125/- (Refundable)
12	Total (For Hostellers)	Rs.8125/-	Rs.3515/-
13	Gymkhana Fee	Rs.50/- (Per semester)	Rs.50/-

### **Craftsmen Training Scheme courses under new age courses :**

1. Solar technician Electrical and
2. IOT Smart agriculture trades

Duration : One year, Eligibility : Passed 10th Std or Equivalent.

Commences on 1 Aug 2019.

Fees Rs 150 per month for General and concessions for SC/ST as per rules.

Basic Training Centre (BTP) under Apprenticeship Training Scheme (ATS) :

Electronic Mechanic, Duration : Two year (6 months Institute training and 18 Months On-Job Training at Industry with Stipend), Eligibility : Passed 10th Std or Equivalent.