Government of India

Ministry of Skill Development & Entrepreneurship
(MSDE) Directorate General of Training (DGT)

REGIONAL DIRECTORATE OF SKILL DEVELOPMENT & ENTREPRENEURSHIP HYDERABAD, TELANGANA

Training Calendar 2026-2027

Regional Director's Message

National Skill Training Institute (NSTI) is one of the premier institutes run by The Directorate General of Training (DGT), Ministry of Skill Development and Entrepreneurship, Govt. of India. It was Initially set up by the Directorate General of Employment and Training (DGE&T), Ministry of Labour and Employment, Govt. of India in the year 1963 with the main objective of imparting training to the instructors of it is in the country.

Currently there are 33 NSTIs and 3 Extension Centers across the country. Our institutes have well equipped laboratories with state-of-the-art training equipment and modern lecture halls providing air-conditioned comfort to make learning a pleasant experience.

The institutes are offering various long term & short-term training programmes in many technical areas. Apart from our scheduled programmes we also offer tailor made programmes to cater the specific requirements of our client Industries/ Institutions/Organizations/Departments.

Mission

Strive to continuously upgrade and update the skills of technical personnel by systematic training and keep them abreast with the technological advancement to foster innovation & emphasis on higher productivity and also to generate skilled technician for "Atmanirbhar Bharat

Our Vision

To make this Institute as a World class Institute in providing Skill training and accomplished with modern technologies.

OUR INSTITUTE

NATIONAL SKILL TRANING INSTITUE WOMEN (NSTI-W)

National Skill Training Institute-Women, Hyderabad is a newly constructed building. The foundation stone for the institute was laid down by the then Hon'ble Vice President Sri M. Venkaiah Naidu on 16th September, 2017 and the building was inaugurated on 21st January 2024 by Hon'ble Minister of Tourism, Culture and Development of North Eastern Region of India Mr. G. Kishan Reddy. NSTI (W) is a new destination to inculcate Skills for passionate women. We step towards empowering women and enabling them market ready. The Institute offers long term CTS & CITS Scheme in the trades - Fashion Designing & Technology, Cosmetology, Architectural Draughtsman, Information Technology, and IOT (Smart Agriculture). We conduct high demand short term courses also in the above mentioned trades. NSTI-W will contribute extensively towards the uplift and growth of women trainees through skilling.

Vidyanagar Shivam Road, Hyderabad, telangana-500007

https://bit.ly/4c1aqLr

NATIONAL SKILL TRANING INSTITUE RAMANTHAPUR (NSTI-R)

NSTI(Ramanthapur) is entrusted with the mission of producing systematically Trained Craft Instructors to meet the huge demand of various Industrial Training Institutions in our country under Craft Instructor Training Scheme (CITS) in three trades Electronics Mechanic, Computer Hardware & Network Maintenance (CHNM) and Computer Software Applications (CSA), The Institute is also imparting training and updating the skills of Engineers/Supervisors/Technicians Executives/Industrial Personnel & Faculties of educational institutions through courses of short duration.

Ramanthapur, Hyderabad, Telangana-500013

https://bit.ly/3ZOkcJA

NATIONAL SKILL TRANING INSTITUE VIDYANAGAR (NSTI-V)

NSTI(Vidyanagar) was initially set up by the Directorate General of Employment and Training (DGE&T), Ministry of Labour and Employment, Govt. of India in the year 1963 with the main objective of impart training to the instructors of ITIs in the country. The mission of NSTI Hyderabad is to impart Quality training, skill upgrading of the industrial workforce in emerging areas. Another important objective of NSTI is to make continuos efforts to bridge the gap between industry & academics and to improve the employability skills of craftsman to enhance the credibility of certification for Craft Instructor Training and to facilitate placement

Vidyanagar Shivam Road, Hyderabad, telangana-500007

http://bit.ly/4rVThYd

Training Programmes

	CITS		CTS	
	NON-ENGINEERING TRADES	ENGINEERING TRADES	NON-ENGINEERING TRADES	ENGINEERING TRADES
NSTI-V		1. Electrician-1 Year Duration 2. Fitter-1 Year Duration 3. Welder-1 Year Duration 4. MMV-1 Year Duration 5. IT-1 Year Duration 6. Machinist-1 Year Duration		1. Machinist (2 Year Duration 2. Turner (2 Year Duration) 3. Solar Technician (1 Year Duration 4. Additive Manufacturing system with 3D Printing Technology (1 Year Duration) 5. Mechanic Electric Vehicle (2 Year Duration)
NSTI-R	1. Computer Software Applications (1 Year Duration) 2. Computer Hardware and Networking Maintenance (1 Year Duration)	1. Electronic Mechanic (1 Year Duration)	1. Drone Pilot (Junior)-6 Months 2. Drone Technician 6 Months 3. Artificial Intelligence Programing Assistant (1 Year Duration)	1. TESDR (2 Year Duration)
NSTI-W	1. Fashion Design Technology (1 Year Duration) 2. Cosmetology (1 Year Duration) 3. Office Management (1 Year Duration)		1. IOT-Technician (Smart Agriculture) (1 Year Duration) 2. Artificial Intelligence Programing Assistant (1 Year Duration)	1. Information Technology (2 Year duration) 2. Architectural Draughtsman (2 Year Duration)

LONG TERM REGULAR COURSES

1. CITS (Craft Instructor Training Scheme) of 1 year duration.
2. CTS (Craftsmen Training Scheme) of 1 & 2 year(s) duration.

SHORT TERM COURSES

Short Term Courses in different skill areas as per the demand of local Industries, ITIs, Cent/State/ Gov. organization, PSU, Polytechnic , B. Tech collages and Students.

Fees Structure

FOR LONG TERM COURSE FEE

Sl. No.	Fee Structure	Fee for Unreserved Gen. & OBC Category	Fee for SC/ST/EWS/ PH Category
1	Registration Fee	Rs. 50 /-	Nil
2	Admission Fee	Rs. 100 /-	Rs. 25/-
3	Tuition Fee	Rs. 150/- per month*	Rs. 50/- per month*
4	Examination Fee	Rs. 100/- for first attempt* & Rs. 200/- for subsequent attempts	Rs. 25/- for first attempt* & Rs. 50/- for subsequent attempts
5	Caution Money	Rs. 250/- (Refundable)	Rs. 250/- (Refundable)
6	Gymkhana Fee	Rs. 100/-	Nil
7	Issue of duplicate certificate	Rs. 100/-	Rs. 50/-

* Tuition fees and Examination fees are exempted for all girl trainees admitted in NSTIs under CITS / CTS courses.

SHORT TERM COURSE ANNUAL CALENDER

NSTI-Vidyanagar

SL. NO.	Name of the course	Duration in weeks	Intake Capacity	From	To
1	Metrology and Engineering Inspection	1	20	06-04-2026 15-06-2026 17-08-2026 26-10-2026 14-12-2026 08-02-2027	10-04-2026 19-06-2026 21-08-2026 30-10-2026 18-12-2026 12-02-2027
2	Quality Control and Engineering Inspection	1	20	04-05-2026 13-07-2026 21-09-2026 16-11-2026 18-01-2027 01-03-2027	08-05-2026 17-07-2026 25-09-2026 20-11-2026 22-01-2027 05-03-2027
3	Industrial Hydraulic & Pneumatic Control	1	15	20-04-2026 08-06-2026 10-08-2026 26-10-2026 14-12-2026 22-02-2027	24-04-2026 12-06-2026 14-08-2026 30-10-2026 18-12-2026 26-02-2026
4	Solar PV System Installation & Maintenance	1	15	06-04-2026 04-05-2026 01-06-2026 06-07-2026 03-08-2026 07-09-2026 05-10-2026 02-11-2026 07-12-2026 18-01-2027 01-02-2027 01-03-2027	10-04-2026 08-05-2026 05-06-2026 10-07-2026 07-08-2026 11-09-2026 09-10-2026 06-11-2026 11-12-2026 22-01-2027 05-02-2027 05-03-2027

5	Basic & Advance Welding (Refresher Course)	2	20	06-04-2026 01-06-2026 03-08-2026 05-10-2026 07-12-2026 08-02-2027	17-04-2026 12-06-2026 14-08-2026 16-10-2026 18-12-2026 26-02-2027
6	GTAW/TIG WELDING (Al, MS & SS)	1	20	20-04-2026 11-05-2026 13-07-2026 09-11-2026 18-01-2027	24-04-2026 15-05-2026 17-07-2026 13-11-2026 22-01-2027
7	GMAW WELDING (PLATE &PIPE)	1	20	18-05-2026 20-07-2026 07-09-2026 04-01-2027 15-03-2027	22-05-2026 24-07-2026 11-09-2026 08-01-2027 19-03-2027
8	HIGH PRESSURE PIPE WELDING (6G POSITION)	1	20	06-07-2026 21-09-2026 16-11-2026 01-02-2027 01-03-2027	10-07-2026 25-09-2026 20-11-2026 05-02-2027 05-03-2027
9	SPOT WELDING	1	20	04-05-2026 15-06-2026 17-08-2026 26-10-2026	08-05-2026 19-06-2026 21-08-2026 30-10-2026
10	CNC Turning, Programming and Operation with FANUC Oi-TB	1	20	03-08-2026 05-10-2026 07-12-2026 01-02-2027	07-08-2026 09-10-2026 11-12-2026 05-02-2027
11	CNC Vertical Milling, Programming and Operation with SINUMERIK 828D	1	20	15-06-2026 17-08-2026 26-10-2026 14-12-2026 15-02-2027	19-06-2026 21-08-2026 30-10-2026 18-12-2026 19-02-2027
12	CNC Horizontal Milling, Programming and Operation with SINUMERIK 840D	1	20	20-07-2026 21-09-2026 16-11-2026 18-01-2027 15-03-2027	24-07-2026 25-09-2026 20-11-2026 22-01-2027 19-03-2027
13	Basic Maintenance of CNC Machines	1	20	06-07-2026 07-09-2026 02-11-2026 04-01-2027 01-03-2027	10-07-2026 11-09-2026 06-11-2026 08-01-2027 05-03-2027
14	Machine Tool Maintenance	1	20	13-04-2026 13-07-2026 12-10-2026 11-01-2027	17-04-2026 17-07-2026 16-10-2026 15-01-2027
15	Preventive Maintenance of Machine Tools	1	20	11-05-2026 10-08-2026 16-11-2026 15-02-2027	15-05-2026 14-08-2026 20-11-2026 19-02-2027
16	Bearings and Lubrication	1	20	15-06-2026 21-09-2026 14-12-2026 15-03-2027	19-06-2026 25-09-2026 18-12-2026 19-03-2027

17	3D Printing Additive Manufacturing	1	20	20-04-2026 11-05-2026 08-06-2026 20-07-2026 17-08-2026 21-09-2026 26-10-2026 02-11-2026 07-12-2026 04-01-2027 01-02-2027 08-03-2027	24-04-2026 15-05-2026 12-06-2026 24-07-2026 21-08-2026 25-09-2026 30-10-2026 06-11-2026 11-12-2026 08-01-2027 05-02-2027 12-03-2027
18	Servicing and Maintenance of Petrol and Diesel Engines	1	20	07-12-2026 01-02-2027 08-03-2027	11-12-2026 05-02-2027 12-03-2027
19	Servicing and Maintenance of Engine management System	1	20	11- 01-2027 15- 03-2027	15-01-2027 19-03-2027
20	Automotive Body Painting Assistant	6	20	20-04-2026 01-06-2026 13-07-2026 24-08-2026 28-09-2026 09-11-2026 21-12-2026 01-02-2027	29-05-2026 10-07-2026 21-08-2026 25-09-2026 06-11-2026 18-12-2026 29-01-2027 12-03-2027
21	Solid works (CAD-CAM)	2	20	07-09-2026 05-10-2026 09-11-2026 14-12-2026 18-01-2027 15-02-2027 15-03-2027	18-09-2026 16-10-2026 20-11-2026 25-12-2026 29-01-2027 26.-02-2027 26-03-2027
22	Electric Vehicle Technology	1 week	20	07-09-2026 26-10-2026 30-11-2026 18-01-2027 08-03-2027	11-09-2026 30-10-2026 04-12-2026 22-01-2027 12-03-2027
23	Servicing and Maintenance of Electric Vehicle	1 week	20	21-09-2026 02-11-2026 14-12-2026 08-02-2027 29-03-2027	25-09-2026 06-11-2026 18-12-2026 12-02-2027 02-04-2027
24	Electric Vehicle Battery Management System	1 week	20	12-10-2026 16-11-2026 04-01-2027 22-02-2027 08-03-2027	16-10-2026 20-11-2026 08-01-2027 26-02-2027 12-03-2027

SHORT TERM COURSE ANNUAL CALENDER

NSTI Ramanthapur

Sl. NO.	Name of The Course	Duration In Weeks	Intake Capacity	FROM	TO
1	IoT and its Application	1	20	06-04-2026 01-06-2026 03-08-2026 05-10-2026 07-12-2026 01-02-2027	10-06-2026 05-06-2026 07-08-2026 09-10-2026 11-12-2026 05-02-2027
2	Micontroller and its Application	1	20	13-04-2026 15-06-2026 17-08-2026 26-10-2026 14-12-2026 22-02-2027	17-04-2026 19-06-2026 21-08-2026 30-10-2026 18-12-2026 26-02-2027
3	Mobile Phone Technician	1	20	04-05-2026 06-07-2026 07-09-2026 02-11-2026 04-01-2027 01-03-2027	08-05-2026 10-07-2026 11-09-2026 06-11-2026 08-01-2027 05-03-2027
4	FTTH Technician/ CC tv Technician	1	20	18-05-2026 20-07-2026 21-09-2026 16-11-2026 18-01-2027 15-03-2027	22-05-2026 25-07-2026 25-09-2026 20-11-2026 22-01-2027 19-03-2027
5	TCAD Modeling & Analysis of Semiconductor Devices	1	20	23-11-2026	27-11-2026
6	End-to-End PCB Design and Manufacturing	1	20	28-12-2026	01-01-2027
7	Industry Oriented VLSI Design with Mentor Graphics	1	20	25-01-2027	29-01-2027
8	Digital Electronics and its Application	1	20	06-04-2026 08-06-2026 10-08-2026 21-09-2026 16-11-2026 08-02-2027 22-03-2027	10-04-2026 12-06-2026 14-08-2026 25-09-2026 20-11-2026 12-02-2027 26-03-2027
9	Electronic Circuit Simulation	1	20	27-04-2026 25-05-2026 07-09-2026 26-10-2026 07-12-2026 25-01-2027 08-03-2027	01-05-2026 29-05-2026 11-09-2026 30-10-2026 11-12-2026 29-01-2027 12-03-2027
10	Soldering and De Soldering	1	20	11-05-2026 06-07-2026 05-10-2026 04-01-2027 22 02 2027	15-05-2026 10-07-2026 09-10-2026 08-01-2027 26-02-2027

11	Computer Hardware & Software Application Installation	1	20	20-04-2026 15-06-2026 13-07-2026 26-10-2026 01-03-2027	24-04-2026 19-06-2026 17-07-2026 30-10-2026 05-03-2027
12	IT Cabling and Networking	1	20	11-05-2026 08-06-2026 20-07-2026 12-10-2026 25-01-2027 22-02-2027	15-05-2026 12-06-2026 24-07-2026 16-10-2026 29-01-2027 26-02-2026
13	Linux Basics for Beginners	1	20	20-04-2026 15-06-2026 13-07-2026 26-10-2026 01-03-2027	24-04-2026 19-06-2026 17-07-2026 30-10-2026 05-03-2027
14	Phython Basics for Beginners	1	20	11-05-2026 08-06-2026 20-07-2026 12-10-2026 25-01-2027 22-02-2027	15-05-2026 12-06-2026 24-07-2026 16-10-2026 29-01-2027 26-02-2027
15	Network Security Concepts	1	20	17-08-2026 16-11-2026 08-03-2027	21-08-2026 20-11-2026 12-03-2027
16	Networking Basics Concepts	1	20	21-09-2026 23-11-2026 14-12-2026	25-09-2026 27-11-2026 18-12-2026
17	Operation and Maintenance of ECG Recorder	1	20	22-06-2026 26-10-2026 08-02-2027	26-06-2026 30-10-2026 12-02-2027
18	Electro-Pneumatic and Hydraulic Controls	1	20	15-06-2026 12-10-2026 11-01-2027	19-06-2026 16-10-2026 15-01-2027
19	Programming of PLC S7-1200 with TIA Portal	1	20	13-04-2026 03-08-2026 23-11-2026	17-04-2026 07-08-2026 27-11-2026
20	Electrical Safety Testing for Bio Medical Equipment	1	20	13-07-2026 02-11-2026 08-03-2027	17-07-2026 06-11-2026 12-03-2027
21	Automatic Process Control	1	20	04-05-2026 17-08-2026 21-09-2026 07-12-2026	08-05-2026 21-08-2026 25-09-2026 11-12-2026
22	Biomedical Sensors and Their Application	1	20	18-05-2026 07-09-2026 16-11-2026 21-12-2026	22-05-2026 11-09-2026 20-11-2026 25-12-2026

23	Drone technician	1	20	06-04-2026 13-04-2026 20-04-2026 04-05-2026 11-05-2026 18-05-2026 01-06-2026 08-06-2026 15-06-2026 29-07-2026 06-07-2026 13-07-2026 20-07-2026 27-07-2026 03-08-2026 10-08-2026 17-08-2026 07-09-2026 21-09-2026 31-09-2026 05-10-2026 12-10-2026 26-10-2026 02-11-2026 09-11-2026 16-11-2026 30-11-2026 07-12-2026 14-12-2026 28-12-2026 04-01-2027 18-01-2027 01-02-2027 08-02-2027 15-02-2027 22-02-2027 01-03-2027 15-03-2027	10-04-2026 17-04-2026 24-04-2026 08-05-2026 15-05-2026 22-05-2026 05-06-2026 12-06-2026 19-06-2026 03-07-2026 10-07-2026 17-07-2026 24-07-2026 31-07-2026 07-08-2026 14-08-2026 21-08-2026 04-09-2026 11-09-2026 25-09-2026 09-10-2026 16-10-2026 30-10-2026 06-11-2026 13-11-2026 20-11-2026 04-11-2026 11-12-2026 18-12-2026 01-01-2027 08-01-2027 22-01-2027 05-02-2027 12-02-2027 19-02-2027 26-02-2027 05-03-2027 19-03-2027

SHORT TERM COURSE ANNUAL CALENDER

NSTI-W Vidyanagar

Sl. NO.	Name of The Course	Duration In Weeks	Intake Capacity	FROM	TO
1	Basic Troubleshooting of computer (Repair)	1	20	19-10-2026	23-10-2026
2	Cable Crimping & Router Configuration	1	20	20-04-2026 14-09-2026	24-04-2026 18-09-2026
3	MS office - word, excel, power point	1	20	13-04-2026 11-05-2026 15-06-2026 10-08-2026 16-11-2026 28-12-2026	17-04-2026 15-05-2026 19-06-2026 14-08-2026 20-11-2026 01-01-2027
4	Web Design – HTML, CSS,	1	20	18-05-2026 27-07-2026 07-09-2026 23-11-2026 18-01-2027 15-02-2027 15-03-2027	22-05-2026 31-07-2026 11-09-2026 27-11-2026 22-01-2027 19-02-2027 19-03-2027
5	Web Design - Java Script, MySQL	1	20	06-04-2026 04-05-2026 08-06-2026 29-06-2026 31-08-2026 12-10-2026 14-12-2026	10-04-2026 08-05-2026 12-06-2026 03-07-2026 04-09-2026 16-10-2026 18-12-2026
6	Basic Python	1	20	01-06-2026 03-08-2026 05-10-2026 07-12-2026 01-02-2027	05-06-2026 07-08-2026 09-10-2026 11-12-2026 05-02-2027

7	AutoCAD Basic	1	20	06-04-2026 04-05-2026 01-06-2026 29-06-2026 20-07-2026 10-08-2026 07-09-2026 05-10-2026 16-11-2026 07-12-2026 04-01-2027 15-02-2027 15-03-2027	10-04-2026 08-05-2026 05-06-2026 03-07-2026 24-07-2026 14-08-2026 11-09-2026 09-10-2026 20-11-2026 11-12-2026 08-01-2027 19-02-2027 19-03-2027
8	Revit Basic	1	20	13-04-2026 11-05-2026 08-06-2026 06-07-2026 27-07-2026 17-08-2026 14-09-2026 12-10-2026 23-11-2026 14-12-2026 18-01-2027 22-02-2027	17-04-2026 15-05-2026 12-06-2026 10-07-2026 31-07-2026 21-08-2026 18-09-2026 16-10-2026 27-11-2026 18-12-2026 22-01-2027 26-02-2027
9	Estimation and costing basic	1	20	20-04-2026 18-05-2026 15-06-2026 13-07-2026 03-08-2026 31-08-2026 21-09-2026 02-11-2026 30-11-2026 28-12-2026 01-02-2027 01-03-2027	24-04-2026 22-05-2026 19-06-2026 17-07-2026 07-08-2026 04-09-2026 25-09-2026 06-11-2026 04-12-2026 01-01-2027 05-02-2027 05-03-2027
10	FACIAL	1	24	06-04-2026 01-06-2026 20-07-2026 07-09-2026 16-11-2026 04-01-2027 15-03-2027	10-04-2026 05-06-2026 24-07-2026 11-09-2026 20-11-2026 08-01-2027 19-03-2027
11	MAKEUP	1	24	13-04-2026 08-06-2026 27-07-2026 14-09-2026 23-11-2026 18-01-2027	17-04-2026 12-06-2026 31-07-2026 18-09-2026 27-11-2026 22-01-2027
12	HAIR CUT	1	24	20-04-2026 15-06-2026 03-08-2026 21-09-2026 30-11-2026 01-02-2027	24-04-2026 19-06-2026 07-08-2026 25-09-2026 04-12-2026 05-02-2027
13	MANI-PEDICURE	1	24	04-05-2026 29-06-2026 10-08-2026 05-10-2026 07-12-2026 15-02-2027	08-05-2026 03-07-2026 14-08-2026 09-10-2026 11-12-2026 19-02-2027
14	NAIL ART	1	24	11-05-2026 06-07-2026 17-08-2026 12-10-2026 14-12-2026 22-02-2027	15-05-2026 10-07-2026 21-08-2026 16-10-2026 18-12-2026 26-02-2027

15	MEHNDI	1	24	18-05-2026 13-07-2026 31-08-2026 02-11-2026 28-12-2026 01-03-2027	22-05-2026 17-07-2026 04-09-2026 06-11-2026 01-01-2027 05-03-2027
16	Internet of Things (IoT) -Basic	1	20	06-04-2026 20-04-2026 11-05-2026 10-08-2026 31-08-2026 23-11-2026 07-12-2026 01-03-2027	10-04-2026 24-04-2026 15-05-2026 14-08-2026 04-09-2026 27-11-2026 11-12-2026 05-03-2027
17	Internet of Things (IoT) – Advanced	1	20	13-04-2026 04-05-2026 18-05-2026 17-08-2026 07-09-2026 30-11-2026 14-12-2026 15-03-2027	17-04-2026 08-05-2026 22-05-2026 21-08-2026 11-09-2026 04-12-2026 18-12-2026 19-03-2027
18	IoT based automatic hydroponic farming system	1	20	01-06-2026 29-06-2026 20-07-2026 14-09-2026 12-10-2026 28-12-2026 01-02-2027	05-06-2026 03-07-2026 24-07-2026 18-09-2026 16-10-2026 01-01-2027 05-02-2027
19	IoT based Water Grid management system	1	20	08-06-2026 06-07-2026 27-07-2026 21-09-2026 02-11-2026 04-01-2027 15-02-2027	12-06-2026 10-07-2026 31-07-2026 25-09-2026 06-11-2026 08-01-2027 19-02-2027
20	IoT based Smart Irrigation system	1	20	15-06-2026 13-07-2026 03-08-2026 05-10-2026 16-11-2026 18-01-2027 22-02-2027	19-06-2026 17-07-2026 07-08-2026 09-10-2026 20-11-2026 22-01-2027 26-02-2027
21	Receptionist/ Front Office Assistant [R/FOA]	1	20	06-04-2026 04-05-2026	10-04-2026 08-05-2026
22	Operation of Office Equipment's.	1	20	20-04-2026 11-05-2026	24-04-2026 15-05-2026
23	Drafting, Cutting, Stitching and finishing of Blouses	1	24	06-04-2026 18-05-2026 06-07-2026 10-08-2026 21-09-2026 23-11-2026 04-01-2027 01-03-2027	10-04-2026 22-05-2026 10-07-2026 14-08-2026 25-09-2026 27-11-2026 08-01-2027 05-03-2027
24	Drafting, Cutting, Stitching and finishing of Punjabi suit	1	24	13-04-2026 01-06-2026 13-07-2026 17-08-2026 05-10-2026 30-11-2026 18-01-2027 15-03-2027	17-04-2026 05-06-2026 17-07-2026 21-08-2026 09-10-2026 04-12-2026 22-01-2027 19-03-2027

25	Hand Embroidery	1	24	20-04-2026 08-06-2026 20-07-2026 31-08-2026 12-10-2026 07-12-2026 01-02-2027	24-04-2026 12-06-2026 24-07-2026 04-09-2026 16-10-2026 11-12-2026 05-02-2027
26	CAD (Fashion Design & Technology)	1	24	04-05-2026 15-06-2026 27-07-2026 07-09-2026 02-11-2026 14-12-2026 15-02-2027	08-05-2026 19-06-2026 31-07-2026 11-09-2026 06-11-2026 18-12-2026 19-02-2027
27	Tie and Die	1	24	11-05-2026 29-06-2026 03-08-2026 14-09-2026 16-11-2026 28-12-2026 22-02-2027	15-05-2026 03-07-2026 07-08-2026 18-09-2026 20-11-2026 01-01-2027 26-02-2027

COURSE CONTENT

Metrology and Engineering Inspection

- Basic Measuring Principles, Fundamental And Derived Units.
- Characteristics of measuring instruments and source of errors.
- Measurment and its role in Quality Control.
- Limits, Fits and Tolerances. Linear and Angular Measurements.
- Surface Texture and Roughness Values.

Quality Control and Engineering Inspection

- Characteristics of Instruments and Measuring Principles.
- Quality Control, Process capability. Limits, Fits and Tolerances.
- Quality Assurance and Quality Management.
- Statistical Quality Control and its tools.
- Control charts for Variables and attributes.

Control Technology (Hydraulics & Pneumatics)

- Understand Principles of Hydraulics and Pneumatics.
- Identify components and symbols. Read and Build Basic circuits.
- Operate, maintain and troubleshoot systems.
- Follow Safety practices in Industrial Environments.

COURSE CONTENT

Solar PV System Installation & Maintenance

- Basic of Solar PV & Components. Solar PV System Design & Calculation.
- Installation of Solar PV System. Testing, Commissioning & Maintenance.
- Troubleshooting, Safety & Assessment

Basic & Advance Welding (Refresher Course)

- Importance of welding in industry, Safety precautions in welding,
- Introduction of ARC & GAS Welding, Principles, Electrode- types,
- specification, Welding defects causes and remedies, Welding positions,
- Joints, Introduction to GTAW & GMAW.

GTAW/TIG Welding (AI,MS & SS)

- Introduction to GTAW, Equipment, Safety precautions in welding, Advantages, Power sources, H.F. unit, Parameters, Torch, Filler Rods, Tungsten Electrodes, Inert gas properties, Different types of welding joints, Pulsed TIG, Edge preparation Welding defects causes and remedies.

GMAW WELDING

- Introduction to GMAW, Equipment, Safety precautions in welding, Advantages, Power sources (C.V.), Parameters, Welding Gun- types, Filler wires, Modes of metal transfer, Inert gas & mixtures properties, Edge preparation, Different types of welding joints, Welding defects causes and remedies.

HIGH PRESSURE PIPE WELDING (6G POSITION)

- Importance of welding in industry, Safety precautions in welding, Introduction of ARC, GAS & Advanced Welding, Principles, Difference between plate and pipes, Types of pipes, pipe schedule, preparation, Welding positions, High pressureb pipe Welding procedure (6G), Welding defects causes and remedies.

COURSE CONTENT

SPOT WELDING

- Introduction to SPOT Welding, Equipment, Safety precautions in welding, Advantages, Parameters, Welding metal properties, Edge preparation, Different types of welding joints, Applications, Modifications, Welding defects causes and remedies.

CNC Turning, Programming and Operation with FANUC Oi – TB

- Comparison between Conventional & CNC Machines, Principles of CNC System & Elements of CNC machines Preparatory & Miscellaneous codes, Different Co-Ordinate Systems work Offset,Tool Offset Part Program of Turning Practice on Simulation System,Selection of Tools, Speed, Feed & Depth of Cut, Subroutine Programming, Machine Cycles editing & proving the part Program Basic Machine Operations Loading of Components, Editing of Part Programs, Proving selected Programs & Machining of Components & Basic Maintenance.

CNC Vertical Milling, Programming and Operation with SINUMERIK 828D

- CNC Vertical Milling, Programming And Operation With Sinumerik 828D Comparison Between Conventional & CNC Machines, Principlesof CNC System & Elements of CNC Machines Preparatory & Miscellaneous Codes, Different Co-ordinate Systems Work Offset, Tool Offset Part Programming For Vertical Milling Practice On Simulation System, Selection Of Tools, Speed, Feed & Depth of Cut, Subroutine Programming, Machine Cycles Editing & Proving The Part Program Basic Machine Operations Loading of Components, Editing of Part Programs, Proving Selected Programs & Machining of Components & Basic Maintenance-

CNC Horizontal Milling, Programming and Operation with SINUMERIK 840D

- Comparison between Conventional & CNC Machines, Principles of CNC System & Elements of CNC machines Preparatory & Miscellaneous codes, Different Co-Ordinate Systems work Offset, Tool Offset Part Programming for Horizontal Milling Practice on Simulation System, Selection of Tools, Speed, Feed & Depth of Cut, Subroutine Programming, Machine Cycles editing & proving the part Program Basic Machine Operations job setting and work offset calculation, Editing of Part Programs, Proving selected Programs & Machining of Components & Basic Maintenance

Basic Maintenance of CNC Machine

- Elements of CNC Machine, Industrial Safety & 5's, Identification of Machine Elements, Total Machine Cleaning, Centralized Lubrication System & Hydraulics & Pneumatics- Servicing of Centralized Lubrication System, Checking the Lubrication Oil at the End User, Introduction to Electrical Drives & Encoders Feedback Control Systems their possible Failure & Alarm Systems- Causes of Breakdown & Troubleshooting, Servicing of Hydraulic System Elements-

COURSE CONTENT

Machine Tool Maintenance

- Basics of Machine Tools, Machine Elements, Conventional Machines, Cutting Tools, Machining Operations, Lubrication & Power Systems, Safety & Quality Maintenance Techniques, Inspection & Troubleshooting,

Preventive Maintenance of Machine Tools

- Routine Inspection, Cleaning of Machine Parts, Lubrication Checking Alignment and Leveling, Tightening of Fasteners Inspection of Belts, Gears, and Bearings, Electrical System Checking, Coolant System Maintenance, Calibration and Accuracy Check, Scheduled Maintenance Records

Bearings and Lubrication

- Bearing: Mechanical element that supports a shaft and reduces friction between moving parts. Types of bearings: Plain, rolling contact (ball & roller), thrust, and journal bearings. Bearing materials: Metals, alloys, polymers, and composites selected for load and wear resistance. Bearing selection: Based on load, speed, alignment, and operating conditions. Failure of bearings: Caused by wear, fatigue, corrosion, misalignment, or poor lubrication. Lubrication: Technique of reducing friction and wear by introducing a lubricant between surfaces. Functions of lubrication: Reduces friction, wear, heat, and prevents corrosion. Types of lubrication: Boundary, Mixed, Hydrodynamic and Hydrostatic Lubrication.

3D Printing Additive Manufacturing

- COURSE CONTENT ADDITIVE MANUFACTURING Introduction to 3D Printing. Introduction to 2D User interface. Drawing of Line, polyline, ray, polygon, circle, rectangle, arc, ellipse using different options. Trim, Offset, Fillet, Chamfer, Arc and Circle. under modify commands. 3D Modeling and Design Software: Introduction to 3D Modeling and Software. User interface - Menu Bar - Command manager -Feature manager - Design Tree settings on the Default options. Foundation of Additive Manufacturing (AM):- Definitions of terms used in AM. Difference between Additive and Subtrac tive Manufacturing. Basic material introduction including composites.

Servicing and Maintenance of Petrol and Diesel Engines

- Principles of petrol and Diesel Engines, Servicing and maintenance petrol and diesel engines, and their fuel feed system, intake and exhaust system, cooling system, lubrication system, starting system, charging system, power transmission system. Demonstration of various latest technology of petrol and diesel engines.

COURSE CONTENT

Servicing and Maintenance of Engine management System

- Principles of engine management system, sensors, actuators, control units understanding can data bus networking systems demonstration of engine management system using on board diagnostic scan tool and testing of sensors and actuators understanding and tracing electrical wiring and demonstration of electrical components

Automotive Body Painting Assistant

- Refinish painting related to dealership automotive painting, EHS, body panels, Equipment, Basics of Surface Preparation, Dry sanding process, Usage of putty. Mixing of primers with, correct ratio. Volume/weight mixing ratios. Application of primer surface with various mixing ratios. Self-levelling primer. Usage of Dual Action Sander and block sander with dust extraction Practice of spray application. Hand movement is improved to maintain proper overlap, distance, Mixing of primers with correct Demonstration and practice of fadeout process. Spot Repair process. Application of WB Basecoat Clear coat system. Application of three stage paint system.

Solid works (CAD-CAM)

- Solid works-CAD- Course contents 1. Introduction to Solid Works Part Mode Assembly Mode Drawing Mode Menu Barand Solid Works, Solid Works Work flow customization Area Task Panes Understanding the Sketching environment Setting the Document options Drawing Lines Drawing. Applying Geometric Relations to Sketches Editing Sketched Entities Trimming Sketched Entities Extending Sketched Entities Creating Base Features by Extruding Sketches Creating Thin Extruded Feature Creating Simple Holes Creating Standard Oles Using the Hole Wizard Adding External Cosmetic Threads Creating Fillets Selection Methods Creating Fillets Creating Charmers Assembly Modelling Types of Assembly Design Approach Creating Bottom-Up. 8.Starting a New Drawing Document from the Part/Assembly Document Types of View.Drawing Views Manipulating the Drawing Views Modifying the Hatch Pattern in Section Views Properties Rollout Options Rollout. 10.Sheet Metal Design Designing the Sheet Metal Component

Electric Vehicle Technology

- Overview of Electric Vehicle.Types of electric vehicles. Demonstration of Hybrid Electric Vehicle (HEV) and Battery Electric Vehicle (BEV). HEV and BEV power train. EV battery and concept of BMS. EV charging system

Servicing and Maintenance of Electric Vehicle

- Overview of HEV and BEV. Identification of HEV and BEV systems and components. Safety practice in HEV and BEV. Periodic service schedules. Performing inspection and maintenance activities. Trouble shooting and fault analysis. Vehicle diagnosing using scan tool

Electric Vehicle Battery Management System

- Safety Standards for traction battery pack. Overview of traction battery pack for HEV and BEV construction and working of batteries and types of batteries. Overview of battery management system. Process of cell balancing. Thermal management system. Overview of regenerative braking system.

COURSE CONTENT

'IoT and its Applications"

- Identify various IoT Applications in smart city viz. smart environment, smart street light and smart water & waste management. Recognize the functions of various Internets of Things (Smart City) (IoT) applications., Demonstration on Arduino UNO IDE.Connect and test Arduino board to computer and execute sample programs from the example list. Identify and explore different functional building blocks of IOT enabled system/applicationUpload computer code to the physical board (Microcontroller) to blink a simple LED.

Microcontroller and its Applications

- Introduction to microcontrollers 8051, Addressing and concepts o Memory. Brief introduction to Programming of 8051. Various addressing modes of 8051 and, Instruction sets with examples. Programming 8051 using keil IDE. Practicing basics software programs. Programming 8051 using Embedded C. Practicing basic hardware using flash magic

MOBILE TECHNICIAN

- Basic Electronics, Electronic Components And Smd Components Power Supply Circuit Concepts Soldering And DE soldering Testing Electronics Components Different Mobile Opening and Study Circuit With Different Section (Nokia, Samsung Sony, China, Etc.)Understanding Block Diagram Of models, Different Chips, Schematic diagram, Understanding Problem And solution Diagram, Complains, Solution, Tips) From Internet And Assemble And Dismantle Differing Mobile Phones, Block Diagram, Section, Opening Mobile Phones Steps Samsung, Nokia, China, IPhone, Smartphone Service Manuals Of Mobile Phones View Service Manuals From Internet, Video To View How To Open Big Phones Mobile Block Diagram Old, 3g, To 5g Smartphone Mobile Identify Mobile Parts. Ics And Their Function Power Section Chip :- Uem Ic/Avilma/ Retu Ic, Power Ic/ Uem Ic,Charging Ic / Betty Ic / Thavo Ic, Audio Network Section:- Antenna, External Antenna, Antenna Switch,Pfo/Pa/Power Amplifier, Filter/Amplifier/ Coupler, If Ic/ Rf Ic, Vco/ Fdk Cpu Ic And Dead Mobile Tracing Steps, Short, Open, Close Values, Explanation, Problems And Solution)

"Fiber To The Home (FTTH)"

Name of the course: "Fiber To The Home (FTTH)" Overview of Fiber Optic Communication Properties of Light, Electromagnetic Spectrum, Fiber to Home Networks Overview (FTTH, PON, OLT, ONT/ONU), How Optical Fiber Works, Total Internal Reflection, Numerical Aperture, Fiber Types (SMF, MMF, Step-Index, Graded-Index), OTDR Testing and Power Meter Measurement

CCTV TECHNICIAN

- Introduction to CCTV technology covering surveillance system architecture, applications and system design concepts. Introduction to CCTV connectors and cable types such as coaxial cables (RG59, Rg6), UTP and STPcables (Cat5e, Cat6), fiber optic cables, and power cables. Overview of video signal flow and system layout in CCTVinstallations. Practical session on CCTV components including identification of cable types and connectors such as BNC, RJ45, DC connectors and patch panels. Practice on cable routing, preparation and testing, understanding grounding and interference issues, and verifying signal continuity and quality. Networking concepts for CCTV systems including IP addressing, subnetting basics, LAN and WAN architecture PoE standards (IEEE 802.3af and 802.3at), networking tools and equipment types. Introduction to networking standards, bandwidth requirements, operational limitations, system preparation and testing procedures.

COURSE CONTENT

TCAD Modeling & Analysis of Semiconductor Devices

TCAD Modeling & Analysis of Semiconductor Devices This one-week short-term course on TCAD (Technology Computer-Aided Design) Modeling & Analysis ofSemiconductor Devices provides comprehensive hands-on training on simulation- driven device design and analysis. The course introduces participants to physicalmodeling of semiconductor devices, process simulation, and electrical characterization using industry-standard TCAD tools. Participants will learn how to model PN junctions, MOSFETs, FinFETs, and advanced nanoscale devices, analyze carrier transport mechanisms,

End-to-End PCB Design and Manufacturing

- This one-week short-term course on End-to-End PCB Design and Manufacturing is designed to provide participants with comprehensive, industry-oriented knowledge of printed circuit board (PCB) development-from concept to fabrication and testing. The course covers schematic design, component selection, layout techniques, signal integrity considerations, and design for manufacturability (DFM) using industry-standard EDA tools.

Industry-Oriented VLSI Design with Mentor Graphics

- This one-week short-term course is designed to provide participants with industry-relevant knowledge and hands-on experience in VLSI design using Mentor Graphics (Siemens EDA) tools. The course bridges the gap between academic concepts and real-world semiconductor design practices by covering the complete VLSI design flow-from design entry and simulation to synthesis, verification, and basic physical design.

Digital Electronics and its Application

- Difference between Analog and Digital signals. Logic families, Logic levels of different logic families, Characteristics of logic families, logic gates, De - Morgan's laws, Combinational logic circuits such as Adders, Subtracters, Comparators, Encoders, Decoders, Mux and Demux etc. Sequential circuits like flip flops, registers and counters. Construction of all the above ciruits and mini project.

ELECTRONIC CIRCUIT SIMULATION

- Study of various library components available in the software, various features of software, simulate and testing of analog and digital circuits, preparing layout from the schematic circuit. Performance of circuit under different conditions. Preparation of power electronic circuits and simulating them.

COURSE CONTENT

Soldering and De Soldering

- Introduction to Electronic industry, Need for soldering, types of soldering, types of fluxes used in soldering, Wave soldering and reflow soldering, Smd packages, PCB types, De soldering techniques, cleaning of PCB, Electro static Discharge and Personal Protective Equipment, Rework and repair of damaged tracks.

Computer Hardware & Software Application Installation

- Definition, types of computers, functional units (Input, Process, Output, Storage), Motherboard, CPU, RAM, ROM, Chipsets, Slots, Connectors Function of SMPS, types of connectors, voltage outputs, protection circuits, HDD, SSD, Optical Drives, Flash Drives - Types, capacity, interface (IDE, SATA, NVMe) Keyboard, Mouse, Monitor, Printer, Scanner - Functions and types, BIOS, CMOS, Bus architecture, Expansion slots (PCI, PCIe) Types of monitors (CRT/LCD/LED), Display cards, Resolution settings, Precautions, ESD safety, assembling order, cable management POST codes, BIOS setup utility, boot sequence, Common faults in system, display, input, storage, and power

IT Cabling and Networking

- Network Fundamentals & Safety,Networking basics and reference models Structured Cabling Systems (Copper),Media types,Termination skills Fiber Optic Infrastructure,fibre basics,installations
  Network Devices & Configuration, Hardware setup, IP Addressing,Maintenance & Troubleshooting, Network Management and Diagnostic tools

Linux Basics for Beginners

- Background and Introduction, Linux Distributions, Installing VirtualBox on Windows, Installing Linux Using an Image for Virtual Box, Welcome to Shell.
  Linux Directory Structure, Basic Linux Commands, Working with Directories, Listing Files and Understanding LS Output.
  File and Directory Permissions Explained, Finding Files, Viewing and Editing files, Comparing Files, Determining a File's Type, Searching in Files.
  Deleting, Copying, Moving, and Renaming Files, Sorting Data, Creating a Collection of Files, Compressing Files To Save Space,Compressing Archives, Redirection, Transferring and Copying Files, Welcome Back to Shell.
  Processes and Job Control, Switching Users and Running Commands as Others, Installing Software, The End and the Beginning.

COURSE CONTENT

Phython Basics for Beginners

- Introduction to Python Language, Python Features and Applications, How to Install Python?, Hello World Program in Python, Integrated Development Environments (IDEs) for Python.
  Data Types | Variables in Python, Global and Local Variables in Python. Operators in Python, Operator Overloading in Python, Python Programming Examples for Practice.
  Decision-Making Statements in Python.

Network Security Concepts

- Security:- Computer security concepts and objectives, OSI security architecture, secure design principles. Cryptography (Symmetric):- Symmetric encryption principles and message confidentiality, cryptanalysis,Data Encryption Standard, random and pseudorandom numbers, block encryption algorithms. Cryptography (Asymmetric):- Message authentication, secure hash function, public-key cryptography principles and algorithms, digital signatures. Key distribution and user authentication:- Remote user authentication principles, key distribution, Kerberos, federated identity management.Network access control and cloud security:- Network access control, cloud computing, cloud security risks and countermeasures, data protection in the cloud, cloud security as a service.

Networking Basics Concepts

- Networking: Needs and Advantages, Network, Types-
- Client, Server and Peers, introduction to
- Various types of servers, client/server architecture.
- Classification of Networks: LAN, MAN, WAN.

Operation and Maintenance of ECG Recorder

- Definition of ECG, Importance of ECG in healthcare.
  Electrical conduction system of heartSA node, AV node,
  Basic idea of cardiac cycle Electrical activity of the heartECG waveform components, P wave, QRS complex, T wave, Normal ECG waveform. Limb leads, Chest (precordial) leads,
  Introduction to 12-lead ECG system Basic block diagram of ECG machine Signal detection using electrodes Amplification of weak signals, Filtering of noise, Display and recording of ECG

COURSE CONTENT

Electro Pneumatic and Hydraulic Controls

- Introduction to Electro-Pneumatics
  Electrical Components
  Electro-Pneumatic Valves
  Control Circuits
  Introduction to Electro-Hydraulics
  Electrical Control of Hydraulic Valves
  Electro-Hydraulic Circuits
  INDUSTRIAL APPLICATIONS TROUBLESHOOTING & SAFETY Common pneumatic faults,

Programming of PLC S7-1200 with TIA Portal

- Introduction to PLC, Introduction to Siemens S7-1200 PLC, PLC Hardware Components, TIA Portal Software, PLC Programming Languages, PLC Programming Basics, Advanced Programming Concepts, PLC Communication, Troubleshooting and Maintenance, Applications

Electrical Safety Testing for Bio Medical Equipment

- Importance of Biomedical Equipment Safety, Protects patients from electrical and mechanical hazards, Prevents injury to healthcare staff, Ensures accurate diagnosis and treatment, Extends the life of biomedical equipment, Electrical Safety Precautions, Patient Safety Precautions, Operator Safety Precautions, Equipment Handling and Maintenance Safety,

Automatic Process Control

- Introduction to Process Control, Basic Control System Concepts,Process Variables and Control Elements, Sensors and Transducers, Controllers, Control Valves and Actuators, Control System Performance, Industrial Process Control Applications, Automation and PLC in Process Control, Safety and Maintenance

COURSE CONTENT

Biomedical Sensors and Their Application

- Importance of Biomedical Equipment Safety, Protects patients from electrical and mechanical hazards, Prevents injury to healthcare staff, Ensures accurate diagnosis and treatment, Extends the life of biomedical equipment, Electrical Safety Precautions, Patient Safety Precautions, Operator Safety Precautions, Equipment Handling and Maintenance Safety,

Drone Technician

- Introduction of Drones, types of drones, categories and their applications. DGCA Safety Regulations & Identification Fundamentals of Flight, Working of Bernoulli's Principle and Newton's Laws of motion. Basics of electronics, Identification of drone components, Identifications of component's specifications. Schematic diagram explanation Identification of different types of Sensors in flight controller. Identify and test various electronic components using proper measuring instruments. Practice soldering and de-soldering for the electronic components. Introduction about open source and closed source flight controllers,

Basic Troubleshooting of computer (Repair)

- Open CPU safely, identify parts, clean dust, check loose cables and fix PC not power ON. Check power cable, connectors, front panel wires and clear CMOS to fix no power / no display.Reseat RAM, change slot, check SATA cable, check disk in BIOS and test monitor.Safe Mode, Startup Repair, Device Manager, run chkdsk and sfc, fix slow system.

Cable Crimping & Router Configuration

Identify UTP cable, RJ-45 and crimping tool. Arrange wires in T568B order. Make one straight cable, make one crossover cable and test using cable tester. Connect PC and router, login to router page, check IP using ipconfig. Change Wi-Fi name, set password and check internet connection.

COURSE CONTENT

MS office word, excel, power point

- Introduction to msoffice, bundle applications with their uses, versions of msoffice, othe bundle software like msoffice. File Commands in word, Find and ReplaceInsert-table, image from clipart, image wrapping with text, table, row heading, cell merge / split. Mail Merge with formatting data, Hyperlink Excel-for data manipulation, formula, functions, vlookup, sumif, dsum Excel-Sort, Filter - advance filter, Cell Refrence - relative, absolute,

Web Design - HTML, CSS -

- Web Design, domain name, web technologies Html-inserting paragraph, image, hyperlink, table - merging columns Using CSS, formatting text - change style, color, size of text, image with border and predefined size. Using List - UL, OL Html - simple form design. Css for to define input box size, color of text, border Html - form design with radio button, check box, snipper

Web Design Java Script, MySQL

- introduction to javascript, identifier, literal, scope of variables Identifier and different type of built-in-objects- string, math, number Programming style - if, loop - for, while, design of udf, form validation - mobile,. aadhar Introduction to mysql, creating database, table to store data, using phpMyAdmin. Simple command Select command in detail - using in, group by, where.

Basic Python

- Introduction to python, literal, scope of variables Identifier and different - string, int, float, boolean Programming style - if, loop-for, while, design of udf, List, range, set progrmmming Virtual environment creation, introduction to github Outcome

Revit Basic

- Introduction to Revit, How to Download and Install (educational version), How to open new file,Introduction to User interface, Versions and formats of Revit, Introduction to Ribbon, command line, Home Tab - Wall, Door, Windows- Their properties Introduction to floor, roof, site, coordinate's setting, TagsHome Tab- Grouping, properties; Insert Tab- PDF Import, Attach Annotate Creating schedule and sheets in Revit, Import to single PDF file

COURSE CONTENT

Estimation and costing basic

- Introduction to estimation and costing, Difference between estimate and BOQ, requirements and measurement units of different materials and work Types of Estimation - Prelim Estimate and detailed estimate types and their basic introduction and uses Basic calculation for Prelim estimates and Detailed estimate Basic introduction to Estimate Items and the format of an estimate Preparation of an estimate for a given task/ work.

FACIAL

- Introduction to facial therapy, skin types, cleanup procedure

Exfoliation techniques and products used

Complete facial steps - cleansing, massage, pack and toning

Skin routine daily skin care practices

Day care and after care, do's & don'ts, practical assessment

MAKEUP

- Introduction to makeup, basic makeup products

Trolley setting and tool handling Skin analysis

and base selection Day makeup techniques Makeup

practice and assessment

HAIR CUT

- One length haircut tools and technique U-cut haircut
- V-cut haircut Trolley setting and safety practices
- Blow drying and finishing

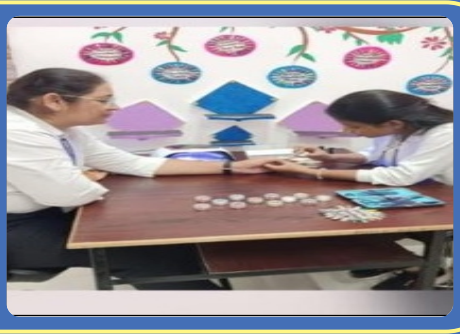
COURSE CONTENT

MANI-PEDICURE

- Trolley setting, tools, products and hygiene Manicure procedure
- and hand massage Client consultation and nail analysis Pedicure
- procedure and foot care Day care and after care,
- practical assessment

NAIL ART

- Nail anatomy and basic nail art Dot nail art techniques
- French nail art Artificial nail art Nail art preparation,
- finishing and assessment



MEHNDI

- Basic features of mehndi, tools & materials, cone handling, basic motifs
- Arabian Mehndi - patterns, flow and practice Marwari Mehndi - traditional
- designs and detailing Bombay Style Mehndi - modern patterns and fillings

IoT Basics

- Principle of sensors and transducers for various IoT applications. Identify, test and troubleshoot. The various families of Microcontroller. Interface input and output devices to evaluate performance with microcontroller. Identify different IoT Applications with IoT architecture.

IoT Advanced

- Position the appropriate sensors and collect the information. identify and Select different wireless communication modules and topology to generate and record the data. perform installation, configuration and working of IoT devices, network, database, app and web services.

COURSE CONTENT

IoT Based automatic hydroponic farming system

- Introduction to hydroponic farming system. sensors used in hydroponic farming system. Interfacing and appliances to control the device in hydroponic system. Creating HMI and app to actuators monitor remotely. IoT Based Water Grid management system

IoT Based Water Grid management system

- Introduction to tank level sensors, motor controllers, solenoid valves and motorized val Introduction to LoRa communication. Gateway nodes and sensor nodes. Configuration of L based sensor modules.

IOT based smart irrigation system

- I Identify and install the devices used in green house.Monitor soil moisture, temperature etc. for controlling irrigation & record data. Select plant health monitoring system and apply proper water, fertilizer and pesticides.

Receptionist/ Front Office Assistant [R/FOA]

- Receptionist and front office Assistant are under the hospitality sector, the course focus on providing core administrative, communication, and customer service skills to manage the front desk professionally. Key subjects include telephone etiquette, visitor management, scheduling, Ticket booking system, basics of office file management.

Operation of Office Equipment's.

- Office automation is an integral part of the office; this Course facilitates to operate office equipments like Xerox Machines, Printer, Comb binder and Computer etc. This course enables the trainees or participants to become as a Technician of office equipments in any big or small business organization.

COURSE CONTENT

Drafting, Cutting, Stitching and finishing of Blouses

- Introduction to blouses, parts of blouse, tools & equipment, fabric selection, body measurements, basic blouse Four tucks blouse -pattern drafting, fabric cutting, stitching, finishing and fitting Cross cut blouse - drafting, cutting, stitching, neckline & sleeve attachment, finishing Princess cut blouse - panel drafting, cutting, stitching, shaping, fitting correction Katori blouse cup drafting, cutting, stitching, finishing, practical assessment & viva

Drafting, Cutting, Stitching and finishing of Punjabi suit

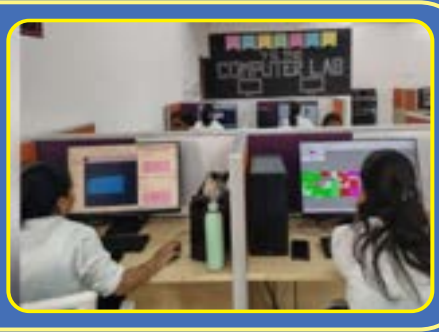
- Introduction of dresses, types of dresses, parts of dresses, tools & equipment, fabric selection, body measurement Ratiya Suit - drafting, cutting, stitching, finishing and fitting Punjabi Suit - drafting of kurta & salwar, cutting, stitching, neckline and sleeve finishing Anar kali Suit - panel drafting, cutting, stitching, flare setting and finishing Umbrella Frock drafting, cutting, stitching, hemming, final finishing, practical assessment & viva

Hand Embroidery

- Introduction to hand embroidery, tools, materials, fabrics, safety and design tracing
  Basic stitches - running, back, chain, stem and outline stitch
  Decorative stitches-satin, lazy daisy, herringbone, French knot and fly stitch Day
  Designing project - motif selection, colour combination and embroidery execution Day

CAD for Fashion designing

- Introduction to CAD, applications of CAD in garment designing, overview of CAD Interface and workspace Introduction to CAD tools-drawing tools, editing tools, measurement, scaling and layer management Creating pattern for basic bodice block-measurements input, drafting, editing and saving patterns Creating pattern for basic sleeve block drafting sleeve block, matching with bodice, corrections Creating pattern for basic straight skirt block - drafting, final checking, practical assessment



Tie and Die

- Introduction to tie and dye, fabrics, dyes, tools and safety precautions Folding and binding techniques Dyeing techniques - hot and cold dyeing methods Creating unique colours, shades and effects Advanced tie and dye techniques, finishing, assessment & viva Assessment Pattern: Practical - 70%, Theory / Viva - 30%

SHORT TERM FEE STRUCTURE & ELIGIBILITY
(FEE IS SUBJECT TO CHANGE)

NSTI – V & NSTI-R

COURSE FEE

1	Registration cum admision fee	Rs.100 per course for all candidates
2	Gymkhana Fee	Rs. 10/- per course for Regular/Advanced level courses Rs. 15/- per course for tailor made courses (TMC)

	Category	Regular Courses	Tailor-Made
3.1	Candidates nominated by Government Departments such as Railways, Defence, etc.	Rs. 1250/- per trainee per week	Rs. 2500/- per trainee per week
3.2	Candidates sponsored from Medium & Large scale industries both Public & Private sector (including Autonomous bodies of Govt Dept.)	Rs. 2000/- per trainee per week	Rs. 4000/- per trainee per week
3.3	Candidates sponsored from Small Scale Industries & Private candidates	Rs. 1000/- per trainee per week	----
3.4	Candidates sponsored from Educational Institute like Polytechnic Engg. Colleges & other related Technical Institutions etc.	Rs. 1000/- per trainee per week	Rs. 2000/- per trainee per week

Note: There is NO training fee for ongoing and Ex-ITI trainees from State Govt ITI/Pvt ITI for courses 1– 4 weeks. Only Registration fee Rs. 100/- and Gymkhana Fee Rs. 50/- per trainee per course is applicable.

HOSTEL FEE

1	Accommodation Fee	Rs. 100/- per day per participant at the time of admission through online mode
2	Hostel Service Charge	Rs. 50/- at the time of admissionc
3	Food Charge	Extra as per policy

NSTI – W, Only for Women

General / OBC	SC / ST
Registration cum Admission Fee: Rs. 150/-	Registration cum Admission Fee: Rs. 25/-
Tuition Fee: Rs. 150/-	Tuition Fee: Rs. 50/-
Gymkhana Fee: Rs. 50/-	

HOSTEL FEE

1	Accommodation Fee	Rs. 100/- per day per participant at the time of admission through online mode
2	Hostel Service Charge	Rs. 50/- at the time of admissionc
3	Food Charge	Extra as per policy

ELIGIBILITY

Qualification:

1. ITI / DIPLOMA / DEGREE in related trades / Engineering based disciplines. 2. Qualification is relaxable for industrially sponsored candidates having industrial experience for tailor made course. 3. Pre-Final/Final year students of the polytechnic/Engineering College/ ITI Colleges. 4. 10th Passout.

- Registration fees: Rs. 100/- Gymkhana Fee: Rs. 10/- for Regular, Rs. 15/- for Tailor Made, Rs. 50/- for Educational/ Technical Institutions.
- Payment Mode: Online through Bharat Kosh in favor of NSTI Hyderabad. Online transaction / NEFT / Physical Cash Deposition.
- Hostel : Available Rs. 100/- per day and Rs. 50/- service charge at the time of admission

Note:-

- The Regional Director/Principal reserves the right to cancel or postpone the scheduled course without assigning any reason.
- In the event of any closed or declared holiday, the course will commence on the next working day and conclude on the last working day of the schedule.

HOW TO APPLY:

https://bit.ly/4c1aqLr

HIGHLIGHTS

Contact No: 1. TVN Ushendera Rao (Asst.Dir) – 9963442783 (for NSTI-V)
2. Rakhi Kumari (Asst.Dir) - 8179379123 (for NSTI-W)
3. B. Saranappa (Asst.Dir) - 6305273309 (for NSTI-R)
E-Mail ID: rao_ushendra@yahoo.co.in avts.rdsdehyd@gmail.com

NSTI-V & NSTI-W
Link: http://bit.ly/4rVThYd

NSTI-R
Link: https://bit.ly/3ZOkcJA

Address:
1.National Skill Training Institute (NSTI-V&W), Sivam Road, Vidyanagar, Hyderabad- 500007.
2. National Skill Training Institute (NSTI-R), Ramanthapur, Opp-Bharat Petrol Pump, Hyderabad- 500013.