



सत्यमेव जयते
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Training Calendar 2024 - 25



इलेक्ट्रॉनिकी सेवा एवं प्रशिक्षण केन्द्र सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय, भारत सरकार

ELECTRONICS SERVICE AND TRAINING CENTRE

Ministry of Micro, Small & Medium Enterprises, Government of India



कानियां, रामनगर, नैनीताल, उत्तराखण्ड

Kaniya, Ramnagar, District - Nainital, Uttarakhand, 244715

Ph.: 05947-251530, 251294, 252168, Mobile: 6399000708, 9917684846

Registration @ <https://tinyurl.com/estctc>

EXTENSION CENTRES

NEW DELHI

MSME Technology Extension Centre,
First Floor, Opp. L-Block, Outer Circle, Connaught Place,
New Delhi 110001 Ph: 011-23412611, Mob: 8194060459
E-mail: estc.sts@gmail.com

Calendar: https://estcindia.com/ESTC_Delhi_Centre.php

HALDWANI

MSME Technology Extension Centre
Kham Bangla Campus, Kaladungi Road, Haldwani,
Distt.Nainital 263139 Ph:05946-292873, Mob: 7351462535
E-mail: estc.haldwani@estcindia.com

Calendar: https://estcindia.com/ESTC_Haldwani_Centre.php



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[/estc_ramnagar](https://t.me/estc_ramnagar)



pd_estc@estcindia.com



www.estcindia.com

ELECTRONICS SECTION

I. Skill Development Trainings for Employment

Sl.No	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	JT-EE*	Jr. Technician – Electronics Equipment (NSQF Level 3)	1.7.2024 & 1.1.2025	6 Months	20000	High School
2.	J-ED*	Jr. Embedded Developer (NSQF Level 4.5)	1.7.2024 & 1.1.2025	6 Months	20000	3 Year diploma after 10 th in relevant field
4.	ST-MMA*	Sr. Technician -Machine Maintenance and Automation (NSQF Level 4.5)	5.8.2024	6 Months	25000	Pass/Pursuing (3 rd Year) Diploma (in relevant field)
5.	PD-A*	Process Designer – Automation (NSQF Level 5.5)	1.7.2024	6 Months	25000	Pass/Pursuing (3 rd /4 th Year) Degree (in relevant field)
3.	T-HHP*	Technician - Hand Held Products (NSQF Level 4)	1.7.2024 & 1.1.2025	3 Months	15000	12 th Pass/ 2 nd Year of 3 Year Diploma after 10 th

II. Skill Oriented Entrepreneur Development Trainings

1.	ESD12W	Embedded System Design	22.7.2024, 30.9.2024 & 27.1.2025	12 Weeks	15000	Degree/Diploma in Engg./ITI (in relevant field)
2.	MPR	Mobile Phone Repair	5.8.2024,2.12.2024 & 3.2.2025	4 Weeks	5000	High School

III. Specialized Skill Upgradation Trainings

1.	DCS	DCS (Siemens)	6.5.2024, 5.8.2024, 2.12.2024 & 3.2.2025	2 Weeks	6000	Degree/Diploma in Engg. in relevant field/ Professionals
2.	AP1W	Arduino Programming	Every Month 1 st & 3 rd Monday	1 Week	3000	
3.	MP1W	Microcontroller Programming	Every Month 1 st & 3 rd Monday	1 Week	3000	
4.	RP1W	Raspberry Pi Programming	Every Month 1 st & 3 rd Monday	1 Week	3000	
5.	DTA1W	Drone Technology & Application	Every Month 1 st & 3 rd Monday	1 Week	3000	
6.	IoT1W	Internet of Things	Every Month 1 st & 3 rd Monday	1 Week	3000	

ELECTRICAL & SOLAR SECTION

I. Skill Development Training for Employment

Sl.No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	AE-DI*	Assistant Electrician (Domestic Cum Industrial) (NSQF Level 3)	1.7.2024 & 1.1.2025	6 Months	20000	High School
3.	T-RACHA*	Technician - Room Air Conditioner & Home Appliances (NSQF Level 4)	1.7.2024 & 1.1.2025	4 Months	20000	12 th Pass/ 2 nd Year of 3 Year Diploma after 10 th
2.	SPVI	Solar PV Installer (NSQF LEVEL-4)	10.6.2024 & 3.2.2025	8 Weeks	12000	10 th pass+ ITI/ Diploma

II. Skill Oriented Entrepreneur Development Training

1.	RAC	Refrigerator and Air conditioner Repair Maintenance	1.7.2024, 1.10.2024, & 1.1.2025	3 Months	8000	8 th Pass
2.	HW-MW	House Wiring and Motor Winding	1.7.2024, 1.10.2024, & 1.1.2025	3 Months	8000	8 th Pass

III. Specialized Skill Upgradation Trainings

1.	SETA (III)	Solar Energy Technology and Application	8.10.2024, 18.11.2024, 2.12.2024 & 3.3.2025	1 Week	3000	Open to all for Self-Employment
2.	SETA (II)	Solar Energy Technology and Application with PV-Sol Software	9.9.2024	2 Weeks	5000	Open to all for Self-Employment
3.	SSMT	PV- Sol, T-Sol Software & Solar Module Testing	19.8.2024, 9.12.2024 & 1.1.2025	1 Week	5000	Open to all for Self-Employment
4.	MT-LAB	MATLAB	Every Month 1 st Monday	2 Week	3000	Diploma in Engg /Degree
5.	STM(SMA)	Small Transformer Manufacturing (Semi- Automatic Machine)	Every Month 1 st Monday	2 Week	2500	10 th / Diploma in Engg /Degree
6.	MW	Motor Winding	Every Month 4 th Monday	1 Week	1500	8 th Pass/ 10 th / Degree / Diploma in Engg
7.	ELE (P)	Electrical Engineering Projects	As per Project Available	As per Project	As Per Size (Industry Standard)	Degree/ Diploma in Engg / Industries

COMPUTER SECTION

I. Skill Development Trainings for Employment

Sl. No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	'A'*	NIELIT 'A' Level Computer Course	1.7.2024	18 Months	30000	Graduate / 3 Years Diploma in Engg.
		NIELIT 'A' Level Computer Course	1.1.2025	12 Months	20000	'O' Level Pass
2.	'O'*	NIELIT 'O' Level Computer Course	1.7.2024 & 1.1.2025	1 Year	18000	Intermediate / ITI (after 10 th Pass)
3.	JT-CHN*	Jr. Technician - Computer Hardware & Network (NSQF Level 3)	1.7.2024 & 1.12.2024	3 Months	15000	10 th or Equivalent
4.	T-CHNM*	Technician - Computer Hardware & Network Management (NSQF Level 4.5)	1.8.2024 & 1.1.2025	6 Months	20000	12 th or Equivalent/ 2 nd year of 3 year diploma (after 10 th) in relevant field*
5.	JWD*	Jr. Web Designer (NSQF Level 4)	1.8.2024 & 1.1.2025	4 Months	15000	12 th pass or equivalent/ Completed 2nd year of 3-year diploma

II. Skill Oriented Entrepreneur Development Training

1.	CHRN	Computer Hardware Repair, Maintenance & Networking	1.7.2024 , 1.10.2024 & 1.1.2025	12 Weeks	8000	10 th Pass with Computer background
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PCB SECTION

I. Skill Development Training for Employment

Sl. No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	JT-PCBF*	Jr. Technician - PCB Fabrication (NSQF Level 3)	1.7.2024 & 1.1.2025	6 Months	20000	High School

II. Skill Oriented Entrepreneur Development Training

1.	PCB(S)	PCB Design & Manufacturing	1.7.2024 & 1.1.2025	3 Months	5000	High School
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III. Specialized Skill Upgradation Trainings

1.	PCBD	PCB Design (Basic)	8.7.2024 & 2.12.2024	1 Week	2000	Degree/Diploma in Engg./ITI (in relevant field)
2.	PCB	PCB Design (Advance)	15.7.2024 & 9.12.2024	2 Weeks	3000	Degree/Diploma in Engg./ITI (in relevant field)
3.	PCB-CNC	Operation of PCB CNC Machine with CAM	19.8.2024 & 18.11.2024	1 Week	3000	Degree/ Diploma in Engg/ ITI/ Industries professional
4.	PCB-EP	Engineering Project (PCB Design & Manufacturing)	As per project	As per project	As per Size (Industry Rate)	Degree/ Diploma in Engg/ ITI/ Industries

ESTC is also organizing One day online Workshops in following Topics

Registration Link:- <https://tinyurl.com/estcolw>

Fee (₹): 250/- Including GST

➤ PHP	➤ Solar Energy Technology & Application
➤ AR/VR Technology	➤ Raspberry Pi Programming
➤ Web Designing	➤ Internet of Things (IoT)
➤ Python Programming	➤ Arduino Programming
➤ Android App Development	➤ Microcontroller Programming
➤ Computer Hardware & Networking	➤ Drone Technology & Application
➤ Cyber Security & Ethical Hacking	➤ Metrology
➤ PCB Design	➤ 3D Printing
➤ Industrial Automation	➤ Personality Development & Effective Communication
➤ Transformer Design & Manufacturing	➤ EV- Electric Vehicle

For offline workshops kindly send email to pd_estc@estcindia.com

MECHANICAL SECTION

I. Skill Development Training for Employment

Sl.No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	AO-CM*	Asst. Operator - Conventional Machines (NSQF Level-2.5)	1.8.2024 & 1.1.2025	1 Year	24000	8 th Pass
2.	CCM*	Certificate Course in Machining (NSQF LEVEL-5)	1.8.2024 & 1.1.2025	6 Months	20000	ITI Fitter or Equivalent
3.	AO-CNCM*	Asst. Operator – CNC Milling (Tool Room) (NSQF LEVEL-3)	1.8.2024 & 1.1.2025	6 Months	20000	10 th or equivalent
4.	JT-W*	Jr. Technician – Welding (NSQF LEVEL-3)	1.8.2024 & 1.1.2025	6 Months	20000	10 th or equivalent
5.	AO-CNCT*	Assistant Operator – CNC Turning (Tool Room) (NSQF LEVEL-3)	1.8.2024 & 1.1.2025	6 Months	20000	10 th or equivalent

II. Skill Oriented Entrepreneur Development Trainings

1.	BW	Basic Welding Techniques	11.9.2024	2 Weeks	3000	8 th Pass
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III. Specialized Skill Upgradation Trainings

1.	CNC	Operation & Use of CNC Lathe & Milling Machine	19.6.2024 10.7.2024, 7.8.2024 & 1.1.2025	2 Weeks	4000	Degree / Diploma in Engg./ITI
2.	TIG-MIG	Operation of TIG – MIG Welding	4.9.2024 & 18.12.2024	2 Weeks	4000	Degree / Diploma in Engg./ITI
3.	EHYD	Hydraulic-Pneumatic System	3.7.2024, 21.8.2024 & 15.1.2025	1 Week	2000	Degree/Diploma in Engg./ITI

Training Programmes Running @ Haldwani Extension Centre

Phone - 05946-292873, Mobile- 6399000709, 7351462535

E-mail- estc.haldwani@estcindia.com

Registration @<https://tinyurl.com/estchld>

Skill Development Trainings for Employment

Sl.No	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	AO-CM*	Asst. Operator - Conventional Machines (NSQF Level-2.5)	1.7.2024, 1.1.2025	1 Year	24000	8 th Pass
2.	CCM*	Certificate Course in Machining (NSQF Level – 5)	1.7.2024 & 1.1.2025	6 Months	20000	ITI Fitter or Equivalent
3.	T-CNCM*	Technician – CNC Machining (NSQF Level – 4)	1.7.2024 & 1.1.2025	6 Months	20000	12 th or equivalent*
4.	T-RACHA*	Technician - Room Air Conditioner & Home Appliances (NSQF Level 4)	1.7.2024 & 1.1.2025	4 Months	20000	12 th Pass/ 2 nd Year of 3 Year Diploma after 10 th
5.	JT-CHN*	Jr. Technician - Computer Hardware & Network (NSQF Level 3)	1.7.2024 & 1.1.2025	3 Months	15000	10 th or Equivalent
6.	T-HHP*	Technician - Hand Held Products (NSQF Level 4)	1.7.2024 & 1.1.2025	3 Months	15000	12 th Pass/ 2 nd Year of 3 Year Diploma after 10 th
7.	DCAP	Diploma in Computer Application & Programming	1.7.2024 & 1.1.2025	1 Year	10000	10 th Pass
8.	CCA	Certificate Course in Computer Application	1.7.2024 & 1.1.2025	6 Months	5000	10 th Pass
9.	COMP FUND	Computer Fundamental	Every Month 1 st Monday	1 Month	1000	10 th Pass
10.	COMP TYPING	Computer Typing (Hindi & English)	Every Month 1 st Monday	2 Month	2000	10 th Pass

Skill Oriented Entrepreneur Development Training

1.	MPR	Mobile Phone Repair	Every Month 1 st Monday	4 Weeks	5000	12 th /ITI/Diploma/Degree/B.Tech in relevant field
2.	RACHA	Room Air Conditioner & Home Appliances	Every Month 1 st Monday	6 Weeks	7500	
3.	WELD	Welding & Fabrication	Every Month 1 st Monday	4 Weeks	4500	
4.	ALWP	Advance Level Workshop Practice	Every Month 1 st Monday	4 Weeks	7000	

Specialized Skill Up-Gradation Trainings

1.	PLCP*	PLC Programming	Every Month 1 st Monday	4 Weeks	6000	12 th /ITI/Diploma/Degree/B.Tech in relevant field
2.	CAD*	AutoCAD Mechanical	Every Month 1 st Monday	4 Weeks	6000	
3.	SW*	Solid Works	Every Month 1 st Monday	4 Weeks	7500	
4.	NX*	Unigraphics (NX-CAD)	Every Month 1 st Monday	4 Weeks	7500	
5.	CNCLT*	CNC Programming Lathe (Turning)	Every Month 1 st Monday	4 Weeks	7500	
6.	CNCM*	CNC Programming Milling	Every Month 1 st Monday	4 Weeks	7500	
7.	CNC-M(M)*	CNC Machining Lathe	Every Month 1 st Monday	4 Weeks	7500	
8.	CNC-M(L)*	CNC Machining Milling	Every Month 1 st Monday	4 Weeks	7500	
9.	3DP*	3D Printing	Every Month 1 st Monday	4 Weeks	7500	
10.	CNC	Operation & Use of CNC Lathe & Milling Machine	Every Month 1 st Monday	2 Weeks	4000	
11.	CATIA*	CATIA	Every Month 1 st Monday	4 Weeks	6000	
12.	SCADA*	SCADA	Every Month 1 st Monday	4 Weeks	6000	

Vocational Trainings for the students of ITI/Degree/Diploma & Engg. Colleges

Sl.No.	Programme Code	Title of the Programme	Starting Day	Duration	Fee (₹)
1.	MP4W *	Microcontroller Programming	Every Month 1 st Monday	4 Weeks	6000
2.	ES4W *	Embedded System	Every Month 1 st Monday	4 Weeks	6000
3.	PLC-P *	PLC Programming	Every Month 1 st Monday	4 Weeks	6000
4.	SCADA *	SCADA	Every Month 1 st Monday	4 Weeks	6000
5.	JP *	Core Java / Java Programming	Every Month 1 st Monday	4 Weeks	6000
6.	HW *	Computer Hardware & Networking	Every Month 1 st Monday	4 Weeks	6000
7.	CRE-O *	CRE-O Parametric	Every Month 1 st Monday	4 Weeks	7000
8.	CAD *	AutoCAD (Mechanical)	Every Month 1 st Monday	4 Weeks	6000
9.	RVT-ARCT *	Revit Architecture	Every Month 1 st Monday	4 Weeks	7000
10.	CNC-P (M) *	CNC Programming Milling	Every Month 1 st Monday	4 Weeks	7500
11.	CNC-P (LT) *	CNC Programming Lathe (Turning)	Every Month 1 st Monday	4 Weeks	7500
12.	CNC-M(M) *	CNC Machining Milling	Every Month 1 st Monday	4 Weeks	7500
13.	CNC-M(L) *	CNC Machining Lathe	Every Month 1 st Monday	4 Weeks	7500
14.	ACAD-E *	Electrical CAD	Every Month 1 st Monday	4 Weeks	6000
15.	MT-LAB *	MATLAB	Every Month 1 st Monday	4 Weeks	6000
16.	AP4W	Arduino Programming	24.06.2024, 22.07.2024, 19.08.2024, 30.12.2024 & 27.01.2025	4 Weeks	6000
17.	DTA4W	Drone Technology & Applications	24.06.2024, 22.07.2024, 19.08.2024, 30.12.2024 & 27.01.2025	4 Weeks	6000
18.	ARM4W	ARM Programming	3.6.2024, 1.7.2024, 29.07.2024, 27.08.2024, 6.1.2025 & 3.2.2025	4 Weeks	6000
19.	RMLTV	Repair and Maintenance of LED, LCD TV	3.6.2024 & 5.1.2025	4 Weeks	6000
20.	MP(S)	Microprocessor Programming (8085)	3.6.2024, 1.7.2024, 1.1.2024	4 Weeks	6000
21.	MT	Mechatronics	3.6.2024, 1.7.2024, 5.8.2024, 2.9.2024, 7.10.2024 & 4.11.2024	4 Weeks	7500
22.	SETA(I)	Solar Energy Technology and Application with Software PV-Sol	Every Month 1 st Monday	4 Weeks	6000
23.	STM	Small Transformer Manufacturing & Voltage Stabilizer, Assembly	3.6.2024, 8.7.2024, 5.8.2024 & 1.1.2025	4 Weeks	6000
24.	PCB(S)	PCB Design & Manufacturing	Every Month 1 st Monday	4 Weeks	6000
25.	PCBD-OS	PCB Design on OrCAD (P-spice)	Every Month 1 st Monday	4 Weeks	6000
26.	PCBD-A	PCB Design on Altium	Every Month 1 st Monday	4 Weeks	6000
27.	WS(S)	Advance Level Workshop Practice	5.6.2024 & 1.1.2025	4 Weeks	7000
28.	CNC(S)	Operation & Use of CNC Lathe & Milling Machine	5.6.2024 10.7.2024 7.08.2024 & 1.1.2025	4 Weeks	7500
29.	PP	Python Programming	1.6.2023, 3.7.2023 & 1.1.2024	4 Weeks	6000
30.	RP4W	Raspberry Pi Programming	3.6.2024, 1.7.2024, 29.7.2024, 27.8.2024, 6.1.2025 & 3.2.2025	4 Weeks	6000
31.	IoT4W	Internet of Things	3.6.2024, 1.7.2024, 29.7.2024, 27.8.2024, 6.1.2025 & 3.2.2025	4 Weeks	6000

* No Training/Tuition Fee for SC/ST candidates.

Three Years AICTE Approved Polytechnic/Diploma Training Program

Sl.No.	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	Diploma in Mechanical Engineering*	1.7.2024	3 Years	32000 per Year [#]	10 th Pass
2.	Diploma in Electrical Engineering*	1.7.2024	3 Years	32000 per Year [#]	10 th Pass
3.	Diploma in Computer Science and Engineering*	1.7.2024	3 Years	32000 per Year [#]	10 th Pass

* Fee for 1st Year ₹ 4000 extra (Personality development ₹ 2000 & Security Amount ₹ 2000 Refundable.)

ADMISSION PROCEDURE

Admission in all programmes are open on first come first serve basis subject to meeting the eligibility criteria and payment of fee in full for courses upto 6 months duration. For training programmes of duration up to one year, 50% fee is payable at the time of admission and remaining 50% within 4 months from the date of start of the programme. There is discount of 50% in fee for physically handicapped candidates.

Online payment- http://estcindia.com/Online_payment.php (After payment, E-mail the filled application form & payment details to pd_estc@estcindia.com)

All Training Courses 18% GST Applicable Except NSQF & NIELIT Course.

* No Training/Tuition Fee for SC/ST candidates.

HOD- Electronics & Computer: 7017193585, Mechanical: 9740048906



HOSTEL FACILITY:- (For Boys & Girls separately) - Hostel facility is available on payment basis as follows :-

- LODGING:**
 - ₹4000 per year for long term course
 - ₹400 per month for medium term course
 - ₹ 50 per day for short term (upto two weeks) courses
 - cot & mattress only will be provided.
 - cot & mattress only will be provided.
 - cot, mattress & bedding will be provided.
- FOOD:**
 - Available in ESTC canteen on payment basis.

ESTC's ACTIVITIES

To meet the objectives of the Centre, three main activities are carried out in the Centre i.e. Specialized Training, Technical Services and Technical Consultancy.

TRAINING PROGRAMMES OF THE CENTRE AIM AT :-

- Updating knowledge and skills of Engineers, Diploma holders, Engg./Diploma Students, Supervisors, Technicians, Technical Trainers and Managers in the fields of Electronics, IT and Mechanical.
- Upgrading skills of VRS optees of Central Public Sector Undertakings and emigrant Indians.
- Designing and conducting self-employment oriented courses including product oriented EDPs.
- Designing and conducting tailor-made training programmes for specific needs of Industry/Institution.
- Developing trained manpower in specialized areas such as PCB Design & Manufacturing, Mechanical Tool Room Operations including CNC Machine Operations, Electronics Repair & Assembly and Computer Application etc.

TECHNICAL SERVICES OR EXTENSION/Common FACILITY SERVICES:- Technical Services or Extension/ Common services are provided to the industry on no profit basis from the Workshops/Labs having infrastructure of modern PCB facilities, Software Development, CNC machines, CAD, Transformer Design & Manufacturing, AR/VR development

TECHNICAL CONSULTANCY :- In the areas of Process Development, Product Design & Development, Reverse Engineering, setting up technical training centres including Computer and Electronic Training, Design and Implementation of Human Resources Development Activities. Consultancy is provided by well qualified and experienced staff of the Centre.

MAJOR FACILITIES IN THE CENTRE ARE :- PCB Design and Manufacturing Lab, PCB Assembly Lab, Telecommunication Lab, Mechanical Tool Room, Computer Cell (Software & Hardware), AR/VR, Industrial Automation Lab, Microcontroller & Embedded Lab, VLSI Lab, Wound Component Lab, Optical Fiber Lab & Solar Lab, Mechatronics, IoT, Industrial Robot, VMC, Mobile Repair, Home Appliances, Audio-Video, Additive Manufacturing (3D Printing), Laser cutting etc.

CLIMATE & APPROACH :

Summer - Max. Temp. 40 degree C, Min. Temp 20 degree C
Winter - Max. Temp. 20 degree C, Min. Temp 4 degree C

Ramnagar is connected by Rail to Delhi (250 Km) & Lucknow (400 Km) via Moradabad. ESTC is located on Ramnagar – Dhela Road, in Kaniya, is 4 Km from Ramnagar.

BOOK-POST
