

Training Calendar 2023-24



इलेक्ट्रानिकी 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: 9917684846, 9536115836

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: 9999948317
E-mail: estc.sts@gmail.com, facebook-fb.com/msme.estc/
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: 8755252453
E-mail: estc.haldwani@estcindia.com
Calendar: https://estcindia.com/ESTC_Haldwani_Centre.php



www.fb.com/estcindia



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



pd_estc@estcindia.com



www.estcindia.com

ELECTRONICS SECTION

I. Skill Development Trainings for Employment

***Free for SC/ST**

Sl.No	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	ADIT (NSQF LEVEL-4)*	Analog & Digital Instrumentation Technician	1.8.2023	1 Year (6 Hrs./Day)	20000	Inter Science
2.	EET-04 (NSQF LEVEL-4)*	Electronic Equipment Technician	1.8.2023	1 Year (6 Hrs./Day)	20000	High School

II. Skill Oriented Entrepreneur Development Trainings

1.	ADMMA (NSQF LEVEL-6)*	Advance Diploma in Machine Maintenance & Automation	1.8.2023	6 Months (6 Hrs./Day)	25000	Degree/Diploma in Electrical, Electronics & Instrumentation
2.	ESD12W	Embedded System Design	24.7.2023, 3.10.2023 & 29.1.2024	12 Weeks (3 Hrs./Day)	15000	Degree/Diploma in Engg./ITI (in relevant field)
3.	MCCAPC (NSQF LEVEL-7)*	Master Certificate Course in Automation & Process Control	3.7.2023	6 Months (6 Hrs./Day)	25000	Degree/Diploma in Electrical, Electronics & Instrumentation
4.	MPR	Mobile Phone Repair	1.5.2023, 7.8.2023, 11.12.2023, 5.2.2024	8 Weeks (3 Hrs./Day)	6000	High School

III. Specialized Skill Upgradation Trainings

1.	DCS	DCS (Siemens)	4.12.2023	2 Weeks (3 Hrs./Day)	6000	Degree/Diploma in Engg. in relevant field/ Professionals
2.	AP1W	Arduino Programming	Every Month 1 st & 3 rd Monday	1 Week (6 Hrs./Day)	3000	
3.	MP1W	Microcontroller Programming	Every Month 1 st & 3 rd Monday	1 week (6 Hrs./Day)	3000	
4.	RP1W	Raspberry Pi Programming	Every Month 1 st & 3 rd Monday	1 week (6 Hrs./Day)	3000	
5.	DTA1W	Drone Technology & Application	Every Month 1 st & 3 rd Monday	1 week (6 Hrs./Day)	3000	
6.	IoT1W	Internet of Things	Every Month 1 st & 3 rd Monday	1 week (6 Hrs./Day)	3000	

ELECTRICAL & SOLAR SECTION

I. Skill Development Training for Employment

Sl.No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	DIE-05 (NSQF LEVEL 4)*	Domestic Cum Industrial Electrician	1.7.2023 & 1.1.2024	1 Year (6 Hrs./Day)	20000	High School
2.	CCEERM (NSQF LEVEL 6)*	Certificate Course in Electrical Equipment Repairing and Maintenance	1.7.2023 & 1.1.2024	6 Months (6 Hrs./Day)	10000	High School
3.	SPVI (NSQF LEVEL-4)	Solar PV Installer	12.6.2023 & 5.2.2024	8 Weeks (6 Hrs./Day)	12000	10 th pass+ ITI/ Diploma

II. Skill Oriented Entrepreneur Development Training

1.	RAC	Refrigerator and Air conditioner Repair Maintenance	1.7.2023, 3.10.2023, & 1.1.2024	3 Months (3 Hrs./Day)	8000	8 th Pass
2.	HW-MW	House Wiring and Motor Winding	1.7.2023, 3.10.2023 & 1.1.2024	3 Months (3 Hrs./Day)	8000	8 th Pass

III. Specialized Skill Upgradation Trainings

1.	SETA (III)	Solar Energy Technology and Application	9.10.2023, 20.11.2023, 4.12.2023 & 4.3.2024	1 Week (6 Hrs./Day)	3000	Open to all for Self Employment
2.	SETA (II)	Solar Energy Technology and Application with PV-Sol Software	11.9.2023	2 Weeks (6 Hrs./Day)	5000	Open to all for Self Employment
3.	SSMT	PV- Sol, T-Sol Software & Solar Module Testing	21.8.2023, 11.12.2023 & 1.1.2024	1 Week (4 Hrs./Day)	5000	Open to all for Self Employment
4.	MT-LAB	MATLAB	Every Month 1 st Monday	2 Week (3 Hrs./Day)	3000	Diploma in Engg /Degree
5.	STM(SMA)	Small Transformer Design & Manufacturing	Every Month 1 st Monday	2 Week (3 Hrs./Day)	3000	10TH / Diploma in Engg /Degree
6.	MW	Motor Winding	Every Month 4 th Monday	1 Week (3 Hrs./Day)	1500	8th Pass/ 10TH / 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

***Free for SC/ST**

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	1.7.2023	18 Months (5 Hrs./Day)	30000	Graduate / 3 Years Diploma in Engg.
1.	'A'*	NIELIT 'A' Level Computer Course	1.1.2024	12 Months (5 Hrs./Day)	20000	'O' Level Pass
2.	'O'*	NIELIT 'O' Level Computer Course	1.7.2023 & 1.1.2024	1 Year (2 Hrs./Day)	18000	Intermediate / ITI (after 10 th Pass)

II. Skill Oriented Entrepreneur Development Training

1.	CHRN	Computer Hardware Repair, Maintenance & Networking	3.7.2023, 3.10.2023 & 1.1.2024	12 Weeks (3Hrs./Day)	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.	PCBDM (NSQF LEVEL-4)*	PCB Design & Manufacturing	3.7.2023 & 1.1.2024	1 Year (6 Hrs./Day)	20000	High School

II. Skill Oriented Entrepreneur Development Training

1.	PCB(S)	PCB Design & Manufacturing	3.7.2023 & 1.1.2024	6 Months (3 Hrs./Day)	10000	High School
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III. Specialized Skill Upgradation Trainings

1.	PCBD	PCB Design (Basic)	5.6.2023, 17.7.2023 & 29.01.24	1 Week (3Hrs./day)	2000	Degree/Diploma in Engg./ITI (in relevant field)
2.	PCB	PCB Design (Advance)	12.6.3023, 10.7.2023 & 15.01.24	2 Weeks (3Hrs./day)	3000	Degree/Diploma in Engg./ITI (in relevant field)
3.	PCB-CNC	Operation of PCB CNC Machine with CAM	5.6.2023, 17.7.2023 & 29.1.24	1 Week (3Hrs./day)	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 Standard)	Degree/ Diploma in Engg/ ITI/ Industries

ESTC is also organizing One/Two day online Workshops in following Topics

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

Fee (₹): 200/- 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

***Free for SC/ST**

I. Skill Development Training for Employment

Sl.No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	CCMO (NSQF LEVEL-3)*	Certificate Course in Machine Operation	1.8.2023 & 1.1.2024	1 Year (6 Hrs./Day)	24000	8 th Pass

II. Skill Oriented Entrepreneur Development Trainings

1.	CCM (NSQF LEVEL-5)*	Certificate Course in Machining	1.8.2023 & 1.1.2024	6 Months (6 Hrs./Day)	15000	ITI Fitter or Equivalent
2.	BW	Basic Welding Techniques	11.9.2023	2 Weeks (3 Hrs./Day)	3000	8 th Pass

III. Specialized Skill Upgradation Trainings

1.	CNC	Operation & Use of CNC Lathe & Milling Machine	5.6.2023 19.6.2023 10.7.2023, 7.8.2023 & 1.1.2024	2 Weeks (3 Hrs./Day)	4000	Degree / Diploma in Engg./ITI (Turner / Machinist/CCMO)
2.	TIG-MIG	Operation of TIG – MIG Welding	4.9.2023 & 18.12.2023	2 Weeks (3 Hrs./Day)	4000	Degree / Diploma in Engg./ITI (Turner / Machinist/CCMO)
3.	EHYD	Hydraulic-Pneumatic System	3.7.2023, 21.8.2023 & 15.1.2024	1 Week (3 Hrs./Day)	2000	Degree/Diploma in Engg./ITI (Turner/Machinist/CCMO) in relevant field

Training Programmes Running @ Haldwani Extension Centre
Phone - 05946-292873, E-mail- estc.haldwani@estcindia.com

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

Sl.No.	Course code	Course Title	Starting Date	Duration	Fee (Rs.)	Eligibility
1.	CCMO *	Certificate Course in Machine Operation (NSQF Level-3)	03.07.2023	1 year	24000	8 th Pass
2.	DCAP	Diploma in Computer Application & Programming	03.07.2023	1 year	7200	10 th Pass
3.	CCA	Certificate course in Computer Application	03.07.2023	6 Months	3600	10 th Pass
4.	COMP FUND	Computer Fundamental	03.07.2023	1 Month	1000	10 th Pass
5.	Comp-Typing	Computer Typing (Hindi & English)	03.07.2023	2 Month	2000	10 th Pass
6.	MPR	Mobile Phone Repair	Every Month 1 st Monday	4 Weeks	5000	12 th /ITI/Diploma/Degree/B. Tech. in relevant field
7.	RACHA	Room Air Conditioner & Home Appliances	Every Month 1 st Monday	6 Weeks	7500	
8.	WELD	Welding & Fabrication	Every Month 1 st Monday	4 Weeks	4500	
9.	3D-SP	3D Scanning & Printing	Every Month 1 st Monday	4 Weeks	7500	
10.	PLCP *	PLC Programming	Every Month 1 st Monday	4 Weeks	6000	12 th /ITI/Diploma/Degree/B. Tech. in relevant field
11.	CAD *	AutoCAD Mechanical	Every Month 1 st Monday	4 Weeks	6000	
12.	SW *	Solid Works	Every Month 1 st Monday	4 Weeks	7500	
13.	NX *	Unigraphics	Every Month 1 st Monday	4 Weeks	7500	
14.	CNCLT *	CNC Programming Lathe (Turning)	Every Month 1 st Monday	4 Weeks	7500	
15.	CNCM *	CNC Programming Milling	Every Month 1 st Monday	4 Weeks	7500	
16.	CNC-M(M) *	CNC Machining Milling	Every Month 1 st Monday	4 Weeks	7500	
17.	CNC-M(L) *	CNC Machining Lathe	Every Month 1 st Monday	4 Weeks	7500	

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

***Free for SC/ST**

Sl.No.	Programme Code	Title of the Programme	Starting Day	Duration	Fee (₹)
1.	MP4W *	Microcontroller Programming	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
2.	ES4W *	Embedded System	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
3.	PLC-P *	PLC Programming	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
4.	SCADA *	SCADA	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
5.	JP *	Core Java / Java Programming	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
6.	HW *	Computer Hardware & Networking	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
7.	CRE-O *	CRE-O Parametric	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	7000
8.	CAD *	AutoCAD (Mechanical)	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
9.	RVT-ARCT *	Revit Architecture	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	7000
10.	CNC-P (M) *	CNC Programming Milling	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	7500
11.	CNC-P (LT) *	CNC Programming Lathe (Turning)	Every Month 1 st Monday	4 Weeks(4 Hrs./Day)	7500
12.	CNC-M(M) *	CNC Machining Milling	Every Month 1 st Monday	4 Weeks(4 Hrs./Day)	7500
13.	CNC-M(L) *	CNC Machining Lathe	Every Month 1 st Monday	4 Weeks(4 Hrs./Day)	7500
14.	ACAD-E *	Electrical CAD	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000
15.	MT-LAB *	MATLAB	Every Month 1 st Monday	4 Weeks (4 Hrs./Day)	6000

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

Sl.No.	Programme Code	Title of the Programme	Starting Date	Duration	Fee (₹)
1.	AP4W	Arduino Programming	29.5.2023, 26.6.2023, 24.7.2023, 21.8.2023, 1.1.2024 & 29.1.2024	4 Weeks (3 Hrs./Day)	6000
2.	DTA4W	Drone Technology & Applications	29.5.2023, 26.6.2023, 24.7.2023, 21.8.2023, 1.1.2024 & 29.1.2024	4 Weeks (3 Hrs./Day)	6000
3.	ARM4W	ARM Programming	5.6.2023, 3.7.2023, 31.7.2023, 28.8.2023, 8.1.2024 & 5.2.2024	4 Weeks (3 Hrs./Day)	6000
4.	RMLTV	Repair and Maintenance of LED, LCD TV	5.6.2023, 1.1.2024	4 Weeks (3 Hrs./Day)	6000
5.	MP(S)	Microprocessor Programming (8085)	5.6.2023, 3.7.2023 & 1.1.2024	4 Weeks (3 Hrs./Day)	6000
6.	MT	Mechatronics	1.5.2023, 5.6.2023, 3.7.2023, 7.8.2023, 4.9.2023, 3.10.2023 & 6.11.2023	4 Weeks (3 Hrs./Day)	7500
7.	SETA(I)	Solar Energy Technology and Application with Software PV-Sol	Every Month 1 st Monday	4 Weeks (3 Hrs./Day)	6000
8.	STM	Small Transformer Manufacturing & Voltage Stabilizer, Assembly	1.6.2023, 1.7.2023, 1.8.2023 & 1.1.2024	4 Weeks (3 Hrs./Day)	6000
9.	PCB(S)	PCB Design & Manufacturing	Every Month 1 st Monday	4 Weeks (3 Hrs./Day)	6000
10.	PCBD-OS	PCB Design on OrCAD (P-spise)	Every Month 1 st Monday	4 Weeks (3 Hrs./Day)	6000
11.	PCBD-A	PCB Design on Altium	Every Month 1 st Monday	4 Weeks (3 Hrs./Day)	6000
12.	WS(S)	Advance Level Workshop Practice	5.6.2023 & 1.1.2024	4 Weeks (3 Hrs./Day)	7000
13.	CNC(S)	Operation & Use of CNC Lathe & Milling Machine	5.6.2023 10.7.2023 7.08.2023 & 1.1.2024	4 Weeks (3 Hrs./Day)	7500
14.	PP	Python Programming	1.6.2023, 3.7.2023 & 1.1.2024	4 Weeks (3 Hrs./Day)	6000
15.	RP4W	Raspberry Pi Programming	5.6.2023, 3.7.2023, 31.7.2023, 28.8.2023, 8.1.2024 & 5.2.2024	4 Weeks (3 Hrs./Day)	6000
16.	IoT4W	Internet of Things	5.6.2023, 3.7.2023, 31.7.2023, 28.8.2023, 8.1.2024 & 5.2.2024	4 Weeks (3 Hrs./Day)	6000

Three Years AICTE Approved Polytechnic/Diploma Training Program

Sl.No.	Title of the Programme	Starting Date	Duration	Fee (₹)	Eligibility
1.	Diploma in Mechanical Engineering*	01.07.2023	3 years	30000 per Year [#]	10th Pass
2.	Diploma in Electrical Engineering*	01.07.2023	3 years	30000 per Year [#]	10th Pass
3.	Diploma in Computer Science and Engineering*	01.07.2023	3 years	30000 per Year [#]	10th Pass

ADMISSION PROCEDURE

Fee for 1st year ₹ 3000 extra
Personality development ₹ 1000.
& Security Amount (Refundable) ₹ 2000

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. The fee for Govt. sponsored candidates is double of fee mentioned in the calendar. 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 AICTE, NSQF & NIELIT Course.

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

HOD- Electronics & Computer: 7017193585, Mechanical: 8476817288



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

- (1) **LODGING:**
- ₹4000 per year for long term course
 - ₹350 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.
- (2) **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
