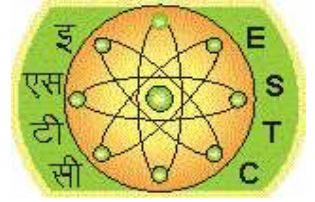


MSME

सूक्ष्म, लघु एवं मध्यम उद्यम

Micro, Small & Medium Enterprises

MSME – TECHNOLOGY DEVELOPMENT CENTRE RAMNAGAR



इलेक्ट्रानिकी सेवा एवं प्रशिक्षण केन्द्र

(भारत सरकार की सोसायटी)

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

ELECTRONICS SERVICE & TRAINING CENTRE

(A GOVT. OF INDIA SOCIETY)

Ministry of Micro, Small & Medium Enterprises

TRAINING CALENDAR

2011-2012



An ISO 9001:2008 Certified Organization

कानिया, रामनगर, नैनीताल (उत्तराखण्ड)

Kaniya, Ramnagar, Distt. Nainital (UTTARAKHAND) PIN 244715,

Ph: 05947 – 251294, 255951, 251530, 251201

Tele Fax : 05947 – 251294

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I. Skill Development Training Programmes for Employment

Sl. No.	Programme Code	Title of the Programme	Starting Dates	Duration	Max. Seats	Fee (Rs.)	Eligibility
1.	O-HW - 06	DOEACC 'O' level in Computer Hardware	01.07.2011	01 year (02 hours per day)	40	12000	Intermediate Science / ITI (one year after 10th pass) in Electrical / Electronics/ Computers/ Instrumentation Engg.
2.	TRP-40 to 41	Tool Room Practice	01.07.2011 and 02.01.2012	01 year (03 hrs. per day)	60	14400	Intermediate
3.	PCB - 24 to 25	Computer Aided PCB Design & Manufacturing	01.07.2011 and 02.01.2012	01 year (03 hrs. per day)	40	12000	Intermediate
4.	'O'-22 to 23	DOEACC 'O' Level Computer Course	01.07.2011 and 02.01.2012	01 year (2 hrs. per day)	200	12000	Intermediate / ITI after 10th
5.	'A'-13	DOEACC 'A' Level Computer Course	01.07.2011	01 year (04 hrs. per day)	40	16000	'O' level pass / Graduate/3 years Diploma in Engg.
6.	ACC-01 to 02	Advance Certificate Course in Industrial Instrumentation	01.07.2011 and 02.01.2012	05 months (03 hrs. per day)	15	15000	Diploma/Degree (Electronics/Electrical /other relevant branches) or TI from ESTC; Final Semester degree in Engineering
7.	ET- 15	Electrician Trade Practices	01.08.2011	01 year (03 hrs. per day)	70	12000	Intermediate/ High School with 06 months Practical experience in Electrical field
8.	AE-10 to 11	Auto Electrician	01.08.2011 and 01.02.2012	06 months (03 hrs. per day)	25	6000	High School/8th Pass
9.	TI - 07	Electronics & Instrumentation Technician	01.09.2011	01 year (03 hrs. per day)	25	12000	ITI (Electronics/ Electrical/ Wireman) / Inter Science/Industry Sponsored Candidates
10.	RAC-1	Refrigeration and Air Conditioner Repair & Maintenance	01.08.2011	06 months (03 hrs. per day)	30	6000	High School/8th Pass with two year experience in the filed

II. Skill Oriented Entrepreneur Development Training Programmes

Sl. No.	Programme Code	Title of the Programme	Starting Dates	Duration	Max. Seats	Fee (Rs.)	Eligibility
1.	II-01 to 04	Industrial Instrumentation	04.04.2011, 16.08.2011, 31.10.2011 and 20.02.2012	08 weeks (3 hrs. per day)	15	6000	Degree / Diploma / ITI (in relevant field)/
2.	CHR-35 to 36	Computer Hardware Repair Maintenance & Networking	01.06.2011 and 21.11.2011	24 weeks (03 hrs. per day)	25	9000	Intermediate with 06 months training in Computer Application
3.	PCB(S)	PCB Design & Manufacturing	06.06.2011, 04.07.2011 and 02.01.2012	04 weeks (3 hrs. per day)	20	3000	Vocational Training for the students of Polytechnic and Engg. Colleges
4.	VTCH	Vocational Training on Computer Hardware	06.06.2011 and 04.07.2011	04 weeks (3 hrs. per day)	20	3000	Vocational Training for the students of Polytechnic and Engg. College
5.	VB	Visual Basic	06.06.2011 and 05/12/2011	04 weeks (3 hrs. per day)	20	3000	Vocational Training for the students of Polytechnic and Engg. College
6.	MP (S)	Microprocessor programming (8085)	06.06.2011	04 weeks (3 hrs. per day)	25	3000	Vocational Training for the students of Polytechnic and Engg. Colleges
7.	PLCP(S)	PLC Programming (Siemens / ABB)	06.06.2011	04 weeks (3 hrs. per day)	25	3000	Vocational Training for the students of Polytechnic and Engg. Colleges
8.	WS(S)	Advance Level Workshop Practice	06.06.2011 and 05.12.2011	04 weeks (3 hrs. per day)	15	3500	Vocational Training for the students of Polytechnic and Engg. Colleges
9.	RM-TEL	Repair Maintenance of Telecom Equipment	06.06.2011	04 weeks (3 hrs. per day)	20	3000	Vocational Training for students of Polytechnic & Engg. Colleges
10.	STM-01	Small Transformer Manufacturing & Voltage Stabilizer Assembly	06.06.2011	04 weeks (3 hrs. per day)	30	3000	Vocational Training for the students of Polytechnic and Engg. Colleges
11.	JS	Java Script	04.07.2011 and 02.01.2012	04 weeks (3 hrs. per day)	20	3000	Vocational Training for students of Polytechnic & Engg. Colleges
12.	PIC-03	Microcontroller Programming PIC / P16F877	04.07.2011	04 weeks (3 hrs. per day)	25	3000	Vocational Training for the students of Polytechnic and Engg. Colleges
13.	CAD/CNC-03-04	CAD-CNC Operator	05.09.2011 and 02.01.2012	12 weeks (3 hrs. per day)	15	9000	ITI Fitter

14.	SP	Screen Printing	05.09.2011	08 weeks (3 hrs. per day)	15	3000	8th Pass / High School
15.	MBR - 01-02	Mobile Repair	03.10.2011 and 28.11.2011	08 weeks	25	3000	High School
16.	OER - 01-02	Repair & Maintenance of Office Equipment, CTV & DVD	14.11.2011 and 09.01.2012	08 weeks	25	3000	High School

III. Specilized Skill Upgradation Training Programmes

Sl. No.	Programme Code	Title of the Programme	Starting Dates	Duration	Max. Seats	Fee (Rs.)	Eligibility
1.	SE-01 to 04	Sensortronics	04.04.2011 16.08.2011 31.10.2011 and 20.02.2012	01 week	15	1500	Degree / Diploma in Engg./ITI (in relevant field)
2.	MPS-02 to 05	Microprocessor Programming (8085)	04.04.2011 16.08.2011 31.10.2011 and 20.02.2012	02 weeks	15	3000	Degree / Diploma in Engg./ITI (in relevant field)
3.	PIC(S)-02 to 05	Microcontroller Programming PIC / P16F877	18.04.2011 29.08.2011 14.11.2011 and 05.03.2012	02 weeks	15	3000	Degree / Diploma in Engg./ITI (in relevant field)
4.	SCADA - 01 to 04	SCADA (ABB / IGSS)	02.05.2011 03.10.2011 and 12.12.2011	01 week	15	3000	Degree / Diploma in Engg./ITI (in relevant field)
5.	PLC(P)-33 to 36	PLC Programming (Siemens / ABB)	02.05.2011 12.09.2011 28.11.2011 and 19.03.2012	02 weeks	15	3000	Degree / Diploma in Engg./ITI (in relevant field)
6.	OMADD-28 to 31	Operation & Maintenance of AC/DC Drives	16.05.2011 26.09.2011 and 05.12.2011	01 week	15	1500	Degree / Diploma in Engg./ITI (in relevant field)
7.	WEDM-02-03	Operation & use of EDM Wire Cut Machine	13.06.2011 and 14.11.2011	02 weeks	15	3000	Degree/Diploma in Engg./ ITI Turner/Machinist / MTRP
8.	CNC-55 to 58	Operation & Use of CNC Lathe & Milling Machines	04.07.2011 10.10.2011 02.01.2012 and 19.03.2012	02 weeks	15	3000	Degree/Diploma in Engg./ ITI Turner/Machinist / MTRP
9.	CAD-36 to 39	Computer Aided Design	04.07.2011 05.09.2011 05.12.2011 and 13.02.2012	04 weeks	15	4000	Degree/Diploma in Engg. / ITI Turner /Machinist / MTRP
10.	CAM-01 to 04	Computer Aided Manufacturing (BOB. CAD/CAM)	01.08.2011 03.10.2011 30.01.2012 and 12.03.2012	01 week	10	2000	Degree/Diploma in Engg. / ITI Turner /Machinist / MTRP with training on CAD

11.	PCB-06 to 08	PCB Design & Manufacturing	01.08.2011 14.11.2011 and 06.02.2012	02 weeks	15	2000	Degree / Diploma in Engg.
12.	Hy. / Nu Control-01 to 02	Operation & use of Hydraulic & Pneumatic control	10.10.2011 and 16.01.2012	02 weeks	10	3000	Degree/Diploma in Engg./ ITI Turner/Machinist / MTR

In addition to tuition fee mentioned above the cost of raw material shall also be charged from each trainee as per details given below :

- Computer Hardware Repair Maintenance & Networking (24 Weeks), Auto Electrician (06 months), CAD-CNC Operator (12 Weeks), Refrigerator & Air Condition Repair & Maintenance (06 Months), Computer Aided PCB Design & Manufacturing & Electronics and Instrumentation Technician (One year) = Rs. 1000
- Electrician Trade Practices & DOEACC 'O' level in Computer Hardware (One year) = Rs. 1500
- Tool Room Practice (One year) & Advance Certificate Course in Industrial Instrumentation (05 Months) = Rs. 2000
- PCB Design & Manufacturing (04 Weeks), = Rs. 400
- Operation & Use of CNC Lathe & Milling Machines (02 Weeks), Operation & Use of EDM Wire Cut (02 Weeks), Advance level work shop practice (04 Weeks), Small Transformer Manufacturing & Voltage Stabilizer Assembly (04 Weeks), Repair & Maintenance of Office Equipment, CTV & DVD (08 Weeks), Mobile Repair (08 weeks), Computer Aided Manufacturing (BOB. CAD/CAM) (One week) and Screen Printing (08 weeks) = Rs. 500
- Repair Maintenance of Telecom Equipment (04 weeks), = Rs. 800
- PCB Design & Manufacturing (02 Weeks) = Rs. 200
- Industrial Instrumentation (08 Weeks) = Rs. 900
- Microprocessor Programming (8085) (04 weeks), PLC Programming (Siemens/ABB) (04 weeks), Microcontroller Programming PIC/P16F877 (04 weeks) and Sensortronics (One week) = Rs. 300

ADMISSION PROCEDURE

Admission in all programmes are open on first come first serve basis subject to meeting the eligibility criteria and payment of tuition 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 tuition fee for physically handicapped candidates. Tuition fee & cost of raw material is payable in cash or through crossed demand draft in favour of Principal Director, ESTC, Kaniya, Ramnagar at SBI Code (0701) Distt. Nainital (Uttarakhand) Pin 244715. Fee once paid will not be refunded / transferred to other course.

HOSTEL FACILITY:- (For Boys & Girls separately)

Hostel facility is available on payment of hostel maintenance charges as follows :-

(1) LODGING :-

- @ Rs. 200 per month for long term course
- @ Rs. 30 per day for short term (upto two weeks) courses
- cot & mattress only will be provided.
- cot, mattress and bedding will be provided.

(2) FOOD:-

Is available in ESTC canteen on direct payment basis.

FOR MORE DETAILS PLEASE CONTACT :-

**Director (Training)-05947-251294
Head, Computer Deptt. - 05947-255951**

CORE COMPETENCE OF ESTC

- Training in Computer Software – DOEACC 'O' & 'A' level courses.
- Training in Computer Hardware Maintenance - DOEACC 'O' level course.
- Training in Printed Circuit Board (PCB) design & manufacturing.
- Training in Programmable Logic Controller (PLC), Microcontroller Programming, SCADA and AC/DC drives.
- Training in Office Equipment, Cell Phone repair etc.
- Training in Machine Tool Room Practices, CAD/CAM.
- Training in Transformer Winding / Manufacturing.
- Design & manufacturing of microprocessor based equipment.
- Software development work.
- Design & Manufacturing of PCBs.

ESTC's ACTIVITIES

To meet the objectives of the Centre, three main activities are carried out in the Centre i.e. Specialised 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 specialised 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 in the areas of Tool Design, Jigs & Fixture, CAD, Injection Moulding Machine, EDM Wire Cut Machine, Transformer Design & Manufacturing.

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

MAJOR FACILITIES IN THE CENTRE ARE :- PCB Design and Manufacturing Lab, Telecommunication Lab, Mechanical Tool Room, Computer Cell (Software & Hardware), PCB Assembly Lab, Electronics & Microprocessor Cell, Wound Component Lab & Optical Fibre Lab etc.

ESTC also conduct training on **Computer Hardware Repair Maintenance & Networking, Mobile, Telephone & Cordless Telephone Repair and Maintenance & Desk Top Publishing (DTP) and Microcontroller Programming** at extension centre Patparganj Delhi. For more details please contact : **09999948317, 011-22236129**

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 - Kalagarh Road in Electronics Complex, Kaniya, which is 4 Km. from Ramnagar.