

**MSME-SAMSUNG TECHNICAL SCHOOL****REGISTRATION CUM ADMISSION FORM FOR ARISE-2 TRAINING PROGRAMME**

(PLEASE FILL IN USING BLOCK LETTERS AND PUT ✓ MARK IN THE BOX)

- NAME OF THE PROGRAMME:**  Tablets, Mobile Phone, Smart Phone etc. (Handheld Products-HHP)
- LED, LCD, Plasma TV, Home Theater (Audio Video-AV)
- Split AC, Cassette AC (Room Air Conditioner-RAC)
- Refrigerator, Washing Machine, Microwave Oven etc (Home Appliances-HA)

Paste your  
latest passport  
size  
photograph

**DURATION** \_\_\_\_\_ **FROM:** \_\_\_\_\_ **TO** \_\_\_\_\_

1. First Name : \_\_\_\_\_ Middle Name \_\_\_\_\_ Last Name \_\_\_\_\_

2. Father's Name: \_\_\_\_\_

3. Date of Birth : 

D	D	:	M	M	:	Y	Y	Y	Y

4. Gender : Male  Female

5. Category : GEN  OBC  SC  ST

6. Physically Challenged : YES  NO

7. Whether Minority : YES  NO

If Yes, Minority Type : \_\_\_\_\_

8. Educational Qualification: i) ITI  Discipline \_\_\_\_\_

ii) Diploma  Discipline \_\_\_\_\_

iii) Bsc.  Discipline \_\_\_\_\_

iv) B-Tech  Discipline \_\_\_\_\_

v) Others  Discipline \_\_\_\_\_

9. UID(AADHAR CARD NO.): \_\_\_\_\_

10. Address Details : \_\_\_\_\_

City/Town: -

District:-

State: -

Pin :-

11. Mobile/ Phone No.:  
(Compulsory)

Email:-

12. Fee Type : Self  Sponsored  Course Fee in Rs. \_\_\_\_\_

13. Present Status : Self Employed  Wage Employed  Unemployed

14. Employer's Address:  
(If employed)

15. Preferred Work Location i)  ii)  iii)   
(City Name Only)

I do hereby declare that the information given in this application is true and complete to the best of my knowledge & belief.

**Place:**

**Date:**

**Signature of the Applicant**

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**For Office use only**

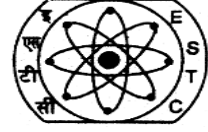
**ROLL No. :**

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**BATCH No. :**



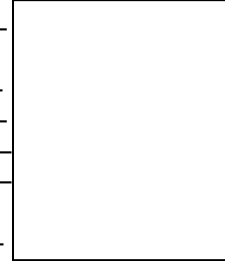
**MSME-SAMSUNG TECHNICAL SCHOOL**  
MSME-DI Extension Centre  
Bal Sahyog (Opp. L.Block) Connaught Place New Delhi - 110001  
H.O. – ELECTRONICS SERVICE & TRAINING CENTRE  
KANIYA, RAMNAGAR, DISTT. NAINITAL-244715 (U.K.)



ESTC  
A GOVT. OF INDIA SOCIETY  
011- 23412611, 05947-251294

**REGISTRATION FORM**  
(To be filled by the Candidate)

Name of the Course & Date \_\_\_\_\_  
1. Name of the applicant \_\_\_\_\_  
2. Father's Name \_\_\_\_\_  
3. Date of Birth \_\_\_\_\_ 4. Sex \_\_\_\_\_  
5. Postal Address :- \_\_\_\_\_  
Pin \_\_\_\_\_ Mob. \_\_\_\_\_  
6. Category whether SC/ST/General \_\_\_\_\_  
7. Name of the sponsoring organisation (if any) \_\_\_\_\_



8. Amount deposited Rs. \_\_\_\_\_ /-Bank Draft No. \_\_\_\_\_ dt. \_\_\_\_\_

9. Academic / Professional qualification :-

Sl. No.	Name of the Exam passed	Total % Marks Obtained	Subjects	Name of the School/College	Name of the University / Examining Body

10. Professional Experience (if any) \_\_\_\_\_

**11. UNDERTAKING :**

I hereby undertake that in the event of unforeseen circumstances if Training programme is cancelled / postponed I shall abide by the decisions of ESTC. However, I understand that in case programme is cancelled, the fee deposited by me will be refunded to me. The fee will not be refunded / transferred to other course in the event of not joining the course / leaving the course in between due to personal reasons or act of indiscipline.

List of Encl. \_\_\_\_\_

Sign. of Candidate \_\_\_\_\_

\_\_\_\_\_  
Training Co-ordinator/Director (Training)

**(FOR OFFICE USE ONLY)**

Mr./Ms. \_\_\_\_\_ Son/Daughter of \_\_\_\_\_ has been admitted to the course on \_\_\_\_\_ starting at ESTC w.e.f. \_\_\_\_\_ to \_\_\_\_\_. The course fee of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) through Bank Draft / Cash receipt No. \_\_\_\_\_ dt. \_\_\_\_\_ is enclosed for depositing into the ESTC Account.

J.O.A./O.A. (Training) \_\_\_\_\_

Accounts Officer \_\_\_\_\_

\_\_\_\_\_  
Principal Director

**PROGRAMME TITLE** : PLC Programming

**DURATION** : 04 Weeks

**ELIGIBILITY** : Degree/Diploma in Engg.  
(Completed / Undergoing)

**CONTENTS** : Introduction to PLC, Need & Advantage, PLC Hardware Structure (CPU 224) & Operating Principles, Siemens (CPU 224) Hardware installation and wiring, Digital & Analog I/O Addressing, Master Software - Simatic Manager, Step-7 Micro win 32, PC to PLC Communication, Uploading / Downloading of User Program, PLC Programming Languages, Basic Logic Operations, Comparison & Arithmetic Operations, Flags, Timers and counters, Linear and structured Programming, Word Logic Operations, MMI Programming

Software - Simatic Manager, Step-7 Micro win 32

Hardware - PLC trainer kits

**PROGRAMME TITLE** : VLSI Design

**DURATION** : Four Week

**ELIGIBILITY** : Degree/Diploma in Engg.  
(Completed / Undergoing)

**CONTENTS** : Introduction to VLSI, Devices used in VLSI, VLSI Design Flow, PLD's and ASIC's, Comparison between PLD's, ASIC's and FPGA's,

Field Programmable Gate Arrays : Introduction, Basic elements of FPGA, Types of FPGA's, Advantages / Disadvantages of FPGA's, FPGA- ASIC hybrid, FPGA packaging, Vendors, Reading a FPGA IC, Front end and back end system designing, Front end designing using FPGA, VHDL and its advantages.

VHDL : Language Elements : Introduction, Identifiers and Keywords, Data objects and Data types, VHDL operators, VHDL design units.

VHDL : Behavioral Modeling : Introduction, Process statements, Components of a process statement, Delay in signal assignment.

VHDL : Structural Modeling : Introduction component declaration and Instantiation.

VHDL : Dataflow Modeling : Introduction, Concurrent signal assignment statement.

VHDL : Subprograms, Packages and Libraries - Introduction, Subprograms, packages, design libraries, Commonly used VHDL packages.

FPGA Design Flow : Introduction, FPGA based design flow, Programming and simulation with Xilinx ISE (Demo), Pin package assignment and generating bit file (demo), Configuring a Spartan 3 board (demo).

**Practical:** Basic gates (AND, OR, NAND, NOR, XOR, XNOR etc.) (Data flow), Half adder and full adder (dataflow), Multiplexer (4:1) using case statement (Behavioral), Encoder (4:2) using if statement (Behavioral), Implementing AOI circuits (Structural), JK flip flop (Asynchronous - Behavioral), JK flip flop (Synchronous - Behavioral), D flip flop (Asynchronous - Behavioral), D flip flop (Synchronous - Behavioral), Serial in Serial out Shift register (Behavioral), 8 bit up down counter (Behavioral).

**PROGRAMME TITLE** : AUTOCAD

**DURATION** : 04 Weeks

**ELIGIBILITY** : Degree/Diploma in Engg.  
(Completed / Undergoing)

**CONTENTS** :

**Auto CAD 2014** - Two dimensional drawing, Modifying the drawing, Dimension, Format, Edit, Modeling.

Different type of layers, limit, polygon, polyline, construction line, helix, ellipse, donut, mirror, chamfer & match properly.

Three Dimensional drawing, 3D basic property & dimension, Hide, Shade & Rendering, Make six view, Dimension & complete drawing sheet with title block, learning & cylinder, cone, sphere, pyramid.

Make assembly of different parts.

**Practical Training** - Practical on 2D, 3D, solid work model, drawing, assembly & "e"mail drawing, explain & make drawings for lathe & milling 2 dimensional & 3 dimensional.