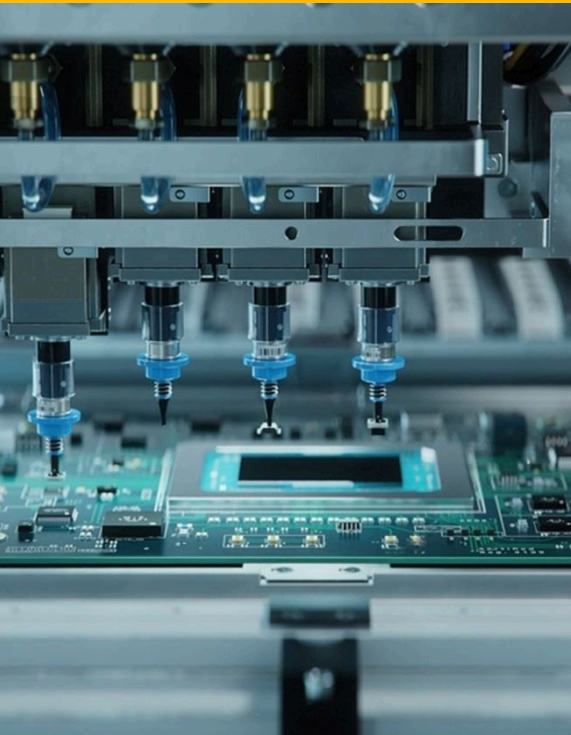


## SURFACE MOUNT TECHNOLOGY



Electronics appliances have become indispensable and find its application in all activities of human life from Toys to Space applications.

With rapid advancements in electronics Industry, a PCB assembly has seen a sea change during the past few decades with the miniaturization of components and the advent of newer devices and technologies. The new technology has replaced assemblies using conventional components populated on large PCBs, with more compact circuits having dense population of components. The footprint of these new components occupies a much smaller area in the PCBs. However, handling these devices and producing PCBAs with high reliability and high yield certainly calls for an automated process in component assembly.

### Who can Participate

Operators, Technicians, Engineers engaged in electronics manufacturing process.

### Certificate

Participation certificate will be provided

### Benefits of Participation

The course will highlight various process stages and handling requirement involved in the manufacture of quality assemblies. The session helps introduce participants to the process in the SMD assembly and control methodologies to mitigate failures that may affect the assembly.

### Mode of Training

Instructor-led Training

### Instructor

Master IPC Trainer (MIT) or Certified IPC Trainer (CIT)

## Duration: Full Day

Session No	Session Name	Description
1	Overview Introduction to IPC Standards	General overview of the course
	<ul style="list-style-type: none"><li>ESD, Personnel and equipment safety</li><li>Physical damage and contamination of electronic assemblies</li></ul>	Registration and Introduction of participants
	<ul style="list-style-type: none"><li>Surface Mount Devices</li><li>Safety and Handling</li></ul>	Presentation and Video
2	Stencil Printing	Presentation and Video
	SMD component assembly	Presentation and Video
3	<ul style="list-style-type: none"><li>Reflow Soldering</li><li>Cleaning Requirement</li></ul>	Presentation and video
4	<ul style="list-style-type: none"><li>Inspection</li><li>Conformal coating</li></ul>	Presentation
	Q&A and Conclusion	

### IMPORTANT NOTES

- GST applicable at 18% on the quoted price
- 100% payment to be made before 7 working days of the course commencement
- Minimum 10 & maximum 20 candidates/batch
- Company will share candidates name & details (as per Global Electronics Association format) 7 days in advance before commencement of the course
- Session can be organized on Saturdays
- Participation Certificate shall be provided to the candidates on Global Electronics Association India letterhead
- For In-house Training, Travelling charges to and fro and stay of trainer should be booked by members only

Price	<b>Non Member</b>	<b>Member</b>
	<b>INR 5,900</b>	<b>INR 4,200</b>

### For more information, please connect

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