



## Tamil Nadu Adi Dravidar Housing & Development Corporation Ltd



### Training for Embedded Sensor Testing Program & PCB Design & Layout Program

# 1. Embedded Sensor Testing Program



## Introduction

- TAHDCO provides various Skill based training program for the students who belongs to SC/ST categories. Now it has been proposed to offer free skill Training of Embedded Sensor Testing program and PCB Design program to the students a comprehensive understanding of embedded systems, combining both theoretical knowledge and practical, hands on experience. To empower youth in Tamil Nadu with industry- relevant Technical and soft skills to enhance their employability, independence confidence





# Criteria

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- Course Duration:160 Hrs
- No of Days:20 Days
- Training Cost:9,500/- (Exclusive of food & Accommodation)
- **Age:** 18 to 35 Years
- **Qualification:** B.E/BTech-Mechanical, ECE, EEE, Civil, Production, Industrial Engineering etc.,
- Diploma Candidates are also Eligible



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## **Training Outcomes**

The Course will equip them with the ability to students will be able to identify and describe the main components that make up embedded systems, including microcontrollers, sensors, memory, power supply and communication interfaces(eg. UART,SPI,I2C).

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Understand the role and functionality of microcontrollers in embedded systems.

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## **Placement Opportunities:**

Easy Jobs Innovations PVT Ltd

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TATA Electronics- Housr, Tamlinadu

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Coramandel Electronics- Perungudi, Chennai.

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VI-Microsystems-Perungudi, Chennai

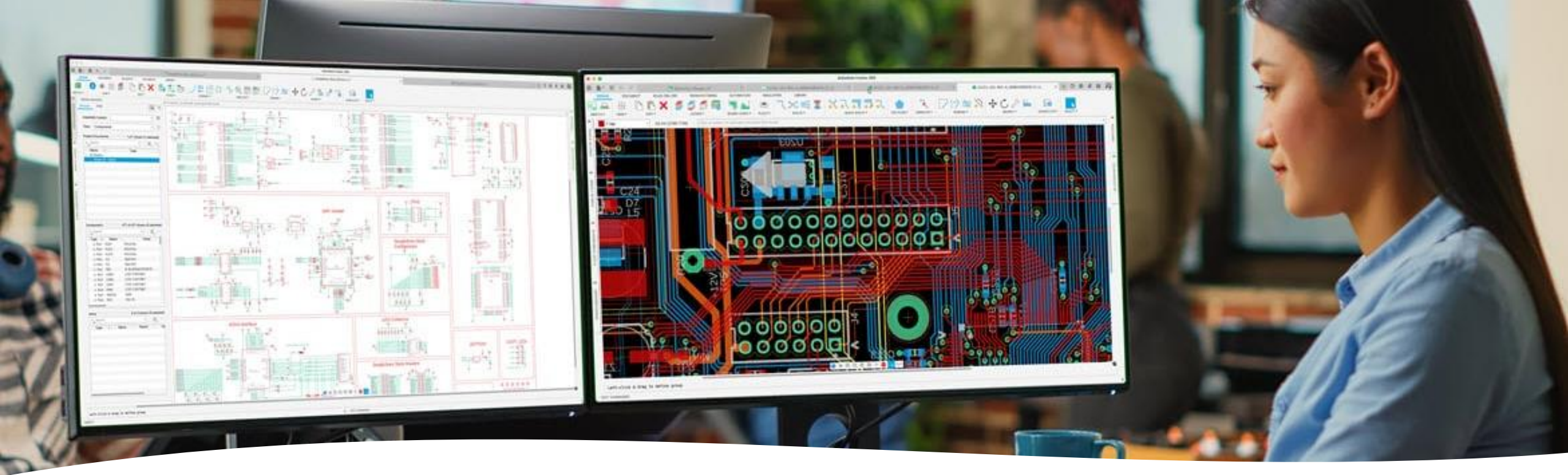
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Jasmine Infotech Pvt Ltd-Pallikaranai, Chennai

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Plugz Mart-E Block, IITM Research Park, Kanagam, Tharamani, Chennai

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## 2. PCB Designing Program

- Course Duration: 120 Hrs
- No of Days: 15 Days
- Training Cost: Rs.9,500/- (Exclusive of food & Accommodation)
- **Age:** 18 to 35 Years
- **EducationalQualification:** B.E(ECE,EEE,EIE,MECHATRONICS,AEROSPACE)
- Diploma Candidates are also Eligible



## Training Outcomes

- The Course will equip them with the ability to troubleshoot and repair basic electronic devices
- Understand the principles of digital electronics including logic gates and micro controllers and design simple printed circuit boards using basic software tools.
- Emphasis will also be placed on workplace safety, industry best practises, preparing them for entry-level roles such as Electronic Technician, PCB Assembler or Maintenance support in the electronics and manufacturing sectors.

## Placement Opportunities:

- Easy Jobs Innovations PVT Ltd
- TATA Electronics- Housr, Tamlinadu
- Coramandel Electronics- Perungudi, Chennai.
- VI-Microsystems-Perungudi, Chennai
- Jasmine Infotech Pvt Ltd- Pallikaranai, Chennai
- Plugz Mart-E Block, IITM Research Park, Kanagam, Tharamani, Chennai



**Online Registration:**  
**[www.tahdco.com](http://www.tahdco.com)**

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Managing Director

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