



# केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

**CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE**

AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA

REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT, GOVT. OF INDIA

REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA

An Autonomous Organization works for IT, HRD & Literacy

## भारत सरकार पंजीकृत. ITI Electronics

### Description

ITI in Electronic is a certificate-level course also known as a vocational training course having a duration of 1 years. It is one of the courses among electrical courses. Candidates will get to study different types of electronic instruments, devices, systems, motors, hardware parts, current, voltage, battery, circuits, etc. In this course, candidates will learn the skill of installing, repairing, fitting, drilling, riveting, soldering, assembling, etc.

### Course Content

- Electrical Terms and Cables
- AC and DC Current
- Types of Meters
- Cell and Battery
- Semi-conductors
- Ohm's Law
- Kirchhoff's Law
- Computer Networking
- Transistor and Resistors
- Soldering and De-soldering
- Opto Electronic
- Communication Electronics
- Sensor and Transducer
- Displays
- Uninterrupted Power Supply (UPS)
- LED Lights
- LCD and LED TV
- Printed Circuit Board (PCB)
- Microprocessor and Microcontroller