



**CERTIFICATE VOCATIONAL TRAINING PROGRAMME**  
**ON**  
**INDUSTRIAL ELECTRICAL OPERATION & MAINTENANCE**  
**(DURATION: 4 WEEKS)**

**Objective:**

To provide participant a detailed knowledge about various electrical Equipments used in an Industry. Program will give overview of various maintenance practices, faults and repair, configurations, Wiring Diagram and connections. To introduce participant with various Industrial Applications & Control in Electrical Engineering.

**Who should Attend:**

Engineering student from Electrical/ Instrumentation/ Electronics doing under graduation with basic knowledge.

**Contents:**

1. Review of Basics of Electricity & Basic Calculation
2. Review and study of Electrical Symbols
3. Single Line Diagram and Distribution of Electrical Power
4. Electrical Tools, Cables requirement, Standards & Selection.
5. Protective Devices: Fuse, ELCB, MCB, MCCB etc.
6. Selection of Electrical Equipments: criteria and selection
7. Transformer: Fundamentals, Operation, Testing & Maintenance Practices.
8. Motor: Fundamentals, Operation, Testing & Maintenance Practices.
9. Fundamental of various other Electrical Equipments.

**Certification:**

Every successful participant will be awarded a course completion certificate.

**Duration:** 4 Weeks