

Course details:

Electrical Installation and Maintenance:

1. Duration : 04 Months/360 Hours
2. Date : From January to April, May to August, Sep to December
3. Number of Trainees : 30 (Thirty)
4. Course Fee : Free
5. Admission Qualification : JSC /Equivalent. Age 18 to 45.
6. Accommodation : Non Residential
7. Selection Procedure : Written test/viva.
8. Course Objective :
 - To make the unemployed person technically sound so that they may join in the work force of the country.
 - To upgrade the skill of unskilled & Semi skill person as per requirement of local & foreign market.
9. Course Contents :

Fundamental of Electrical knowledge, Electricity, Safety, Electric shock, First aid, Introduction of hand tools, Instrument measuring. Molecules, Atoms, To learn about current, Voltage, Resistance, Voltage, Resistance, Conductance, Wire, Cables, PVC Armored cables, Joints, Soldering & Tapping, Conductor, Non conductor, Ohms law, Series circuit, Parallel circuit, Series parallel circuit, To learn about switch, Socket main switch, Holder, ceiling rose, Fuse, Circuit breaker, MCB, DFB. Electric lamp, Chock Coil, Starter, To learn about domestic appliance, to learn about domestic & industrial house wiring. To learn about testing of wiring, Insulation test, Earth test, Polarity & continuity test. To learn about Ammeter, Voltmeter, Watt meter, Megger of energy meter,. AVO meter, To learn about earthling testing of earth resistance & ELCB earth electrode, To learn about capacitor, To learn about ceiling fan, Table fan, Pump motor, Three phase circuit of three phase motor, star delta & C.O.L starter, X-former, Winding & Rewinding.
10. Training Method : Class room lecture, Hands on Training in workshop/Lab, Group discussion, individual Practice.
11. Evaluation System : NTVQF Level-1 (Written, Practical and viva)
12. Certification : Bangladesh Technical Education Board.
13. Course Coordinator : Mr. Prodip Kumar Das, Instructor.