



WMO Arts & Science College, Muttil
Department of Electronics
Certified Course on
LED Assembling and Repairing(30hrs)

Module 1

Basics of Electronics & LED 1.1: Basic of Electronic Components & Electricity 1.2: Surface Mount Components 1.3: Basic Electric Components 1.4: Manual Soldering 1.5: LED Basics 1.6: Basic Parameters of LED 1.7: LED Power Sources 1.8: Thermal management of LED 1.9: LED Configuration

Module 2

LED Luminary Assembly 2.1: LED Luminary Assembly 2.2: Components of LED Luminary 2.3: Product Assembly Instruction Module 3: LED Luminaire Design 3.1: Selection of LED Driver 3.2: Thermal Management Module 4: Diagnose & Repair Fault in LED Light 4.1: Diagnose & Repair Fault in LED Light 4.2: Diagnose and Repair Fault in LED Driver 4.3: Trouble Shooting & Rectification of LED