



The “Electrical Safety Demonstrator” is a useful trainer for students to understand the basic concepts and fundamentals of many electrical safety standards. Before working with any electrical or electronic device, it is essential to learn about these electrical safety standards. The trainer is helpful to learn, how to avoid accidents, that generally occurring while handling any electric or electronic device. The trainer has been designed for the people who are working in an electrical environment.

### **Purpose**

The purpose of this trainer is to increase student's awareness of :

- How to use the electricity safely in home and laboratories ?
- The dangers associated with power lines and sub-stations.
- The effects of electrocution on the body.
- Strategies to avoid electrical accidents.

### **Features**

- Designed, considering all safety standards.
- Exclusive design and attractive presentation of each block.
- This trainer represents many essential safety precautions.
- Unique demonstration & importance of Earthing.
- Real time appearance of MCB to help the students to understand its mechanical arrangement.
- Demonstration of Fuse in very easy way.
- Provided with a manual containing coloured graphical representation of many safety standards and with very interesting activities which are to be performed by students.

### **List of Experiments**

- Performing different electrical activities to avoid electrical hazards.
- Study of importance of Earthing in any electrical device.
- Study of role of Fuse in any electrical or electronic circuit.
- Study of importance and working of Miniature Circuit Breaker (MCB).

Note: Specifications are subject to change.

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