



**46554** Power Electronic Training Board has been designed specifically for the study of SCR Controlled Emergency Light. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

#### **Object**

- 01 To study SCR Controlled Emergency Light.

#### **Features**

The board consists of the following built-in parts:

- 01 A step down transformer 6V at 2Amp.
- 02 Silicon Control Rectifier (SCR).
- 03 Lamp load.
- 04 Four diodes.
- 05 6V 4AH Battery.
- 06 Adequate no. of other Electronic Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 09 Adequate no. of patch cords stackable 4 mm spring loaded plug length 50cm.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 12 Weight : 4 Kg. (Approx.)
- 13 Dimension : W 340 x H125 x D 210.

Note: Specifications are subject to change.