Power Electronic Training Board has been designed specifically for the study of Fan Regulator Using Diac and Triac. 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:

To study Fan Regulator Using Diac and Triac.

Features:

The board consists of the following built-in parts:

01. Isolation Transformer 230V A.C., Power 70 watt.
02. Diac.
03. Triac.
04. Potentiometer to control the speed of Motor / Fan.
05. A universal motor of 1/12 H.P.
06. Adequate no. of other Electronic Components.
07. Mains ON/OFF switch, Fuse and Jewel light.

* The unit is operative on 230V ±10% at 50Hz A.C. Mains.
* Adequate no. of patch cords stackable 4 mm spring loaded plug length ½ metre.
* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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