

**Product Code . JL-AET-1467**

## Training Board for MOSFET



### Description

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#### Characteristics of MOSFET

##### Object:-

- To determine experimentally the Drain characteristics of a given MOSFET
- To study the use of MOSFET as an amplifier and to measure its voltage gain in common source configuration

##### Features:-

##### The board consists of following built-in parts:-

- 0-15V D.C. at 50mA, continuously variable regulated Power Supply
- 0-4V D.C. at 10mA, continuously variable regulated Power Supply
- 0-1V D.C. at 10mA, continuously variable regulated Power Supply
- Metal Oxide Semiconductor Field Effect Transistor (MOSFET)
- Adequate no. of other electronic components
- Mains ON/OFF switch, Fuse and Jewel light
- The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains
- Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length  $\frac{1}{2}$  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

##### Other Apparatus Required:-

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- Audio Frequency Generator
  - A.C. Milli voltmeter
  - Cathode Ray Oscilloscope 20MHz
  - Digital Voltmeter DC 3½ Digit range of 20V
  - Digital Current meter DC 3½ Digit range of 20mA

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