**POWER SUPPLY TRAINERS**

**Rectifiers and Filter Circuits**

 Built in AC power supply of 9-0-9V @ 250mA

 Half,Full wave, Bridge rectifiers are provided on board with L and C filters

 10K Potentiometer is provided for load variation

**Zener Diode Regulated Power Supply with Two Meters**

 Variable DC regulated power supply of 0-15V @ 250mA

 Different values of three zener diodes on board.

 Different values of three resistors on board.

 Dual range DC Voltmeter of 1.5V/15V.

 Dual range DC Ammeter of 250μA/250mA.

 One 10KΩ potentiometer is provided for load variation.

**Voltage Doubler**

 Built in 10V AC power supply.

 Diodes are provided on board.

**3 Pin Regulator ICs Traine**

 Built in AC supplies of 18-9-0-9-18V @ 500mA.

 7805,7905,7812,7912,7815,7915 fixed voltage regulators and
LM 317T adjustable voltage regulator on board.

 Potentiometer, Different values of resistors, capacitors and diodes on board.

**Linear Power Supply Trainer**

 Built in AC voltages of 12-6-0-6-12V @ 500mA.

 LM 723 IC with configuration on board.

 Different values of resistors, capacitors, inductors and diodes, two
    potentiometers provided on board to vary the circuit output voltages.

### Voltage to Current Converter Trainer Current to Voltage Converter Trainer

 Built in fixed power supplies of +12V,-12V @ 250mA.

 Variable power supply of 0-10V

 Built in fixed power supplies of +12V,-12V @ 250mA.

 Variable power supply of 0-10V

**Series Voltage Regulator**

 Built in fixed AC supply of 0-12V @ 250mA

 Variable DC unregulated

 Variable Load

**Shunt Voltage Regulator**

 Built in AC power supply of 0-12V

 Variable DC unregulated

 Variable Load