

GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRONICS LABORATORY

VI Characteristics of FET.

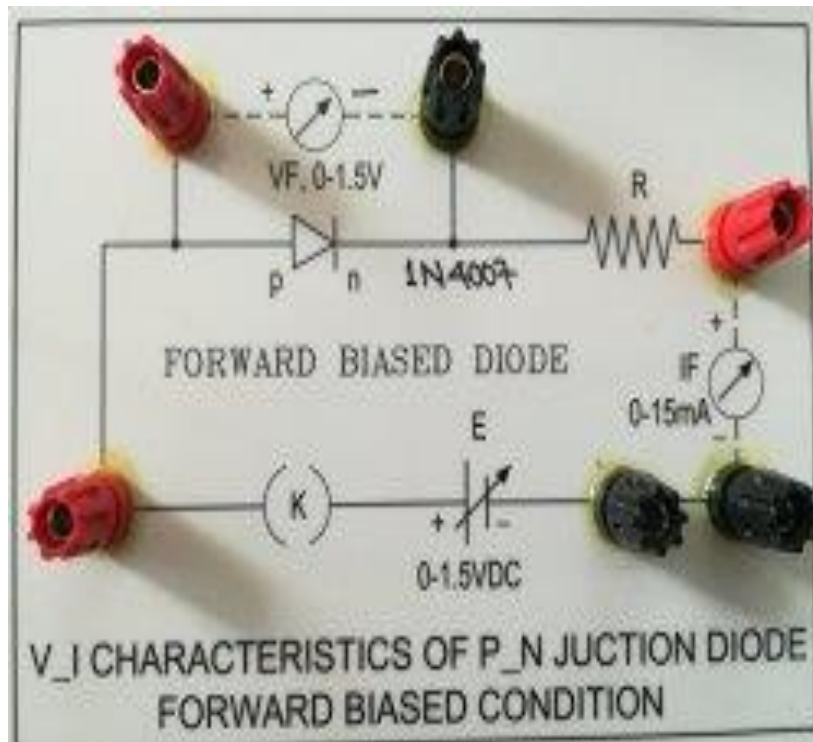


- **Basic Details: -**
- Variable DC regulated Power Supply of 0-5V at 250mA
- Variable DC regulated Power Supply of 0-12V at 250mA
- Dual Range DC Voltmeter of 1.5V/15V
- DC Ammeter of 0-20mA
- Required number of Patch Cords
- Operation Manual



GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRONICS LABORATORY

V-I CHARACTERISTICS OF P-N JUNCTION DIODE, LED & ZENER DIODE.

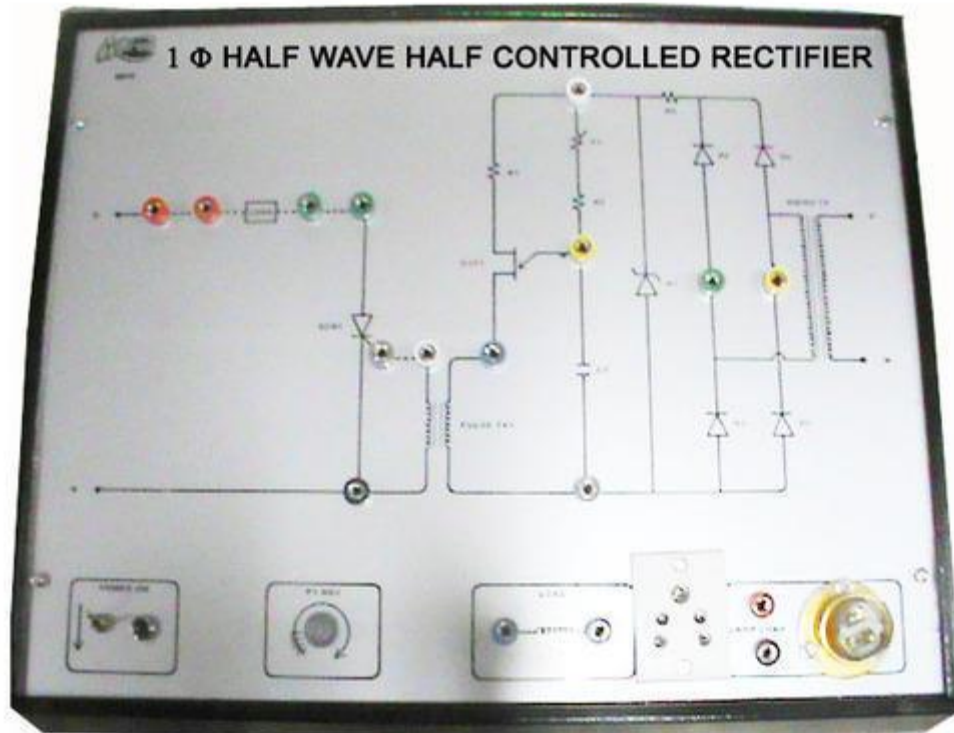


Basic Details: V-I characteristics of p-n junction diode can be performed



GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRONICS LABORATORY

HALF WAVE RECTIFIER INPUT OUTPUT CHARACTERISTIC.

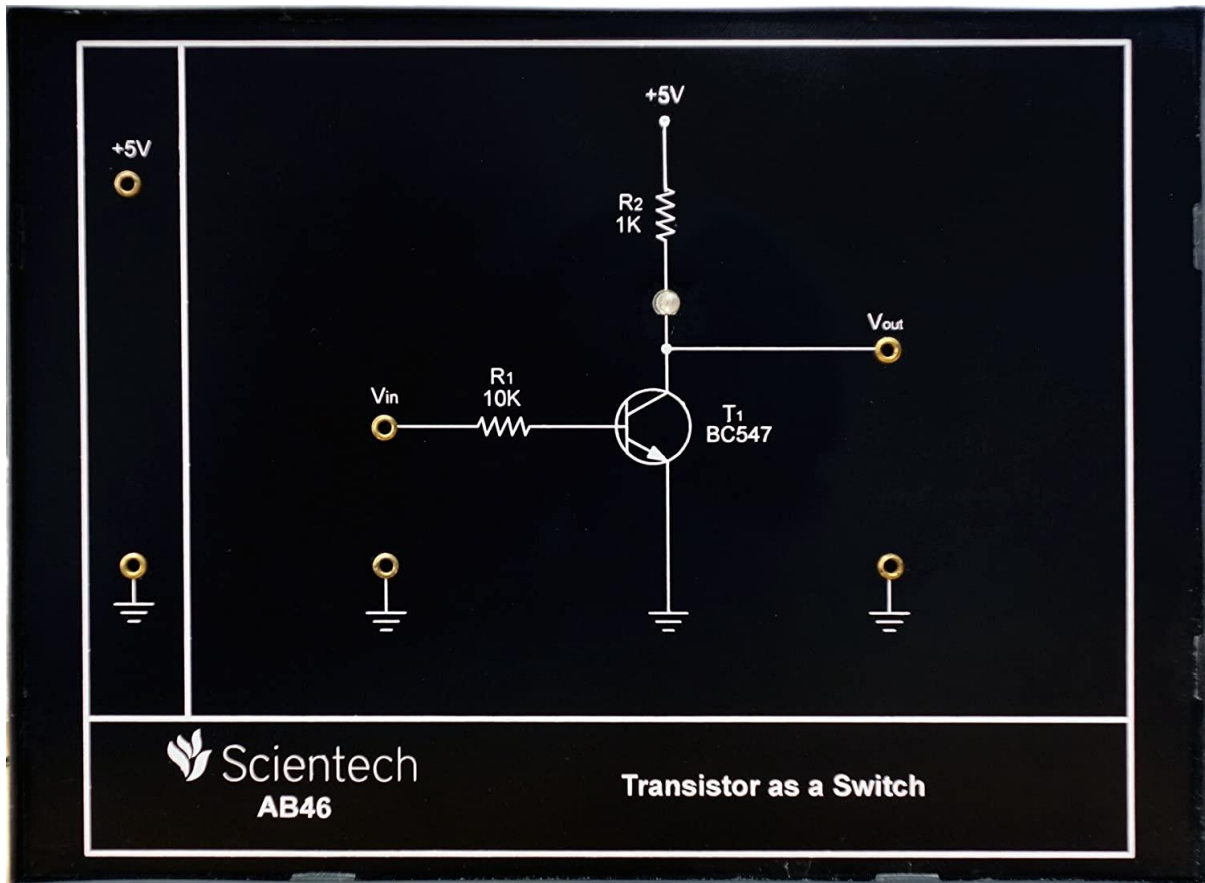


Basic Details: - Half wave rectifier input output characteristic can be determined.



GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRONICS LABORATORY

TRANSISTOR AS A SWITCH



Basic Details: -

- On board test points to observe signals
- On board schematic diagram
- Flexibility of making circuit connections
- Lightweight & compact
- Online product tutorial

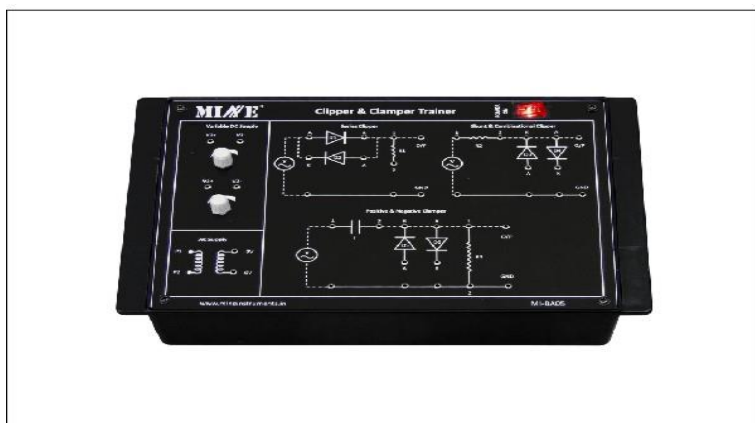


GOVERNMENT ENGINEERING COLLEGE, DAMAN

DEPARTMENT OF ELECTRICAL ENGINEERING

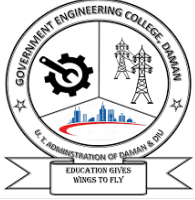
BASIC ELECTRONICS LABORATORY

CLIPPER AND CLAMPER CIRCUIT



Basic Details: -

- Inbuilt AC Source
- Inbuilt Dual DC Power Supply
- Good quality, reliable sockets and test points are provided
- Wide Range of Clipper & Clamper
- Strongly supported by systematic operating instructions
- Power On/Off Switch with Indicator



GOVERNMENT ENGINEERING COLLEGE, DAMAN DEPARTMENT OF ELECTRICAL ENGINEERING BASIC ELECTRONICS LABORATORY

VERIFY TRUTH TABLE OF BASIC DIGITAL LOGIC GATES OR, AND, NOT, NAND, NOR, EX-OR, EX-NOR



Basic Details: -

- 01 5V DC at 100mA IC Regulated power supply Internally connected.
- 02 IC for Different Gates (OR, AND, NOR, NAND EX-OR, EX-NOR, NOT)
- 03 4 SPDT, Data, Switch for logic input.
- 04 One LO? for output Logic indication.
- 05 Adequate No. of other electronic components .
- 06 Mains On/Off switch, fuse & Jewel light.
- 07 This unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
- 08 Adequate no. of patch cords stackable 2mm spring loaded plug length 50cm.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.