

# **VIJAYANTA**

**VIJAI ELECTRONICS**  
28/147, CIVIL LINES  
ROORKEE - 247667



## **DIFFERENT TYPES OF CHARACTERISTICS OF JUNCTION (PNP TRANSISTOR) TRANSISTOR IN CE, CB AND CE CONFIGURATION, MODEL - JT - 11.**

### **FEATURES :**

- \*\* Two Power Supplies (Regulated, continuously variable and short circuiting proof suitable for the experimental board are builtin.
- \*\* Circuit is printed and component are mounted on the top of the decorated sunmica bakelite sheet to give better and clear understanding.
- \*\* A complete working manual containing operating instruction, theory and circuit details will be supplied alongwith experimental set - up.
- \*\* Patch cords suitable to the terminals are supplied with the board for easy inter connections and longer working of the terminals.



### **EXPERIMENTS :**

1. Input, Output and Transfer Characteristics of the Junction Transistor in the following three configurations can be drawn :
  - (i) Common Emitter.
  - (ii) Common Base.
  - (iii) Common Collector.

### **OTHER APPARATUS REQUIRED :**

- |    |                       |               |         |
|----|-----------------------|---------------|---------|
| 1. | Digital Voltmeter.    | 0 - 20, Volt. | 01 No.  |
| 2. | Digital Milliammeter. | 0 - 20, mAmp. | 02 Nos. |
| 3. | Digital Voltmeter.    | 0 - 2, Volt.  | 01 No.  |
| 4. | Digital Milliammeter. | 0 - 2, mAmp.  | 01 No.  |