

# **VIJAYANTA**

**VIJAI ELECTRONICS**  
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## **STUDY OF SINGLE STAGE TRANSISTOR AMPLIFIER** **IN COMMON BASE MODE, MODEL - CB - 12.**



### **FEATURES :**

- \*\* Built-in Regulated and short circuit proof Power Supply suitable the experimental board.
- \*\* Circuit is engraved on a decorated Bakelite sheet and component are mounted on the top of the sheet to give better and clear understanding.
- \*\* A complete working manual containing theory, circuit details and operating instruction supplied with the experimental board.
- \*\* Stackable type connecting leads suitable to the terminals are supplied with the board for easy inter - connections and longer life of the terminals.

### **EXPERIMENTS :**

1. Frequency Response of Single Stage CB Transistor Amplifier :
  - (a) Without Feed - Back.
  - (b) With Feed - Back.
2. Voltage - Shunt Negative Feedback Amplifier.

### **OTHER APPARATUS REQUIRED :**

1. A.F. Oscillator, Model - 712.
2. True RMS A.C. Millivoltmeter, Model - ACM - 536.  
(With 1 KHz Oscillator).
3. A General Purpose C.R.O.