

# **VIJAYANTA**

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



## **DIFFERENT TYPES OF TRIGGERING TECHNIQUE OF S.C.R.**

MODEL – SCR – 05.



### **FEATURES :**

- \*\* Regulated, continuously variable, short circuiting proof, one power supplies (Approximately 0 – 20, Volt DC for DC gate triggering and UJT triggering circuit and other power supply (Approx. 50 Volt R.M.S) for anode – cathode.
- \*\* Circuit is engraved and components are mounted on the top of the decorated bakelite sheet to facilitate 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 life of the terminals.

### **EXPERIMENTS :**

1. To study the different types of triggering techniques of S.C.R. :
  - (a) D.C. Triggering.
  - (b) A.C. Triggering i.e. R – C Phase Shift Triggering.
  - (c) U.J.T. Triggering without pulse transformer.

### **OTHER APPARATUS REQUIRED :**

1. Digital Multimeter, Model – 4011. (“Sciencetech” make.)
2. A General purpose C.R.O., Model – 201. (“Sciencetech” make.)