

# **VIJAYANTA**

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

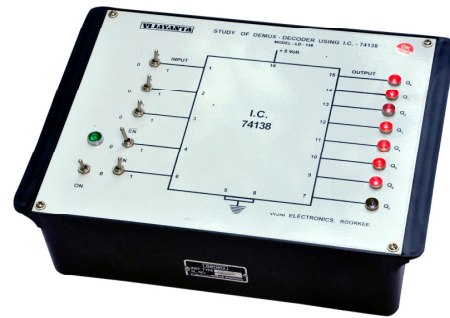


## **STUDY OF 3 TO 8 LINE DECODER / DEMUX – 74138,**

MODEL – LD – 138.

### **FEATURES:**

- \*\* Experimental board LD - 138 is designed to study the operation of Decoder / Demux using I.C. – 74138 having three inputs and eight decoded outputs.
- \*\* The complete pin diagram of I.C. – 74138 with individual terminals connections and control switches are provided with the experimental board for observing the combination of truth – table.
- \*\* For each outputs LED's are providing for indicating high or low position.
- \*\* Actual is printed on the top of the painted aluminum sheet to facilitate better and clear understanding.
- \*\* A complete working manual giving theory, circuit details and operating instruction supplied with the experimental board.
- \*\* Built in regulated and short circuit proof  $\pm 5$  Volt d.c. Power Supply suitable to 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. To study operation of 3 Line to 8 Line Decoder / Demux I.C. – 74138.

### **OTHER APPARATUS REQUIRED :**

1. Board is self sufficient.