

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



STUDY OF R – C PHASE SHIFT OSCILLATOR,

MODEL – RC – 12.

FEATURES :

- ** Circuit is engraved and components are mounted on the top of the decorated bakelite sheet to facilitate better and clear understanding.
- ** I. C. Regulated and short circuit proof ± 15 , Volt Power Supply suitable to the experimental board is builtin.
- ** A complete working manual containing theory, circuit details and operating instructions will be supplied alongwith experimental board.
- ** Stackable type connecting leads suitable to the terminals are supplied with the board for easy inter – connections and longer working life of the terminals.



EXPERIMENTS :

1. To obtain the Phase Shift Vs. Frequency Characteristics of the feedback Network.
2. To study the Frequency Variation with change in R – C Values.

OTHER APPARATUS REQUIRED :

1. A General purpose C.R.O., Model – 201. To see the waveform shape.
2. Audio Frequency Oscillator, Model – 712.
3. True R.M.S. A.C. Millivoltmeter, Model – ACM – 536.
4. Frequency Counter. (Optional)