Experimental training board has been designed specifically for the study of Voltage Controlled Oscillator (V.C.O.)

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:
To study Volage Controlled Oscillator (V.C.O.) and varify the frequency variation in accordance with input voltage.
01. Constant frequency
02. Wide range VCO, variable from near zero to above 1.5 KHz.
03. Wide range VCO with frequency fully variable down to zero
04. Restricted range VCO
05. Universal Clock/Square wave Generator
06. FSK Generator.

Features:
The board consists of the following built-in parts :
01. +9V D.C. at 50mA, IC regulated Power Supply.
02. CMOS Phase Locked Loop (PLL) IC
03. Quad 2-input Nand schmitt trigger IC
04. Two Potentiometers.
05. Two diodes and adequate no. of other electronic components.
* Mains ON/OFF switch, fuse and jewel light.
* The unit is operative on 230V ± 10% at 50 Hz A.C. mains.
* Adequate no. of patch cords stackable 4mm spring loaded plug length ½ metre.
* Good quality, reliable terminals/sockets are provided at appropriate places on panel for connections/observations of waveforms.
* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:
* Cathode Ray Oscilloscope 20MHz (unearthed).

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.
IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in