



The experimental set up has been designed specially for the study of Wien Bridge Audio Oscillator using JFET. The Training board helps us to understand the utilization of Audio OSC and obtain oscillation at different frequencies.

Practical Experience on these boards carries great educative value for Science and Engineering students.

Object:

To design and setup a Wien Bridge Oscillator using JFET to generate a sinusoidal signal of three frequencies at 3V . pp

Feature:

The board consists of the following built in parts :

01. 12V DC at 100 mA, IC Regulated Power Supply internally connected.
 02. Potentiometer to vary the amplitude.
 03. Two JFET.
 04. Adequate no. of electronic components.
 05. Mains ON/OFF switch, Fuse & Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz AC Mains.
 - * Adequate no. of patch cords stackable 4mm spring loaded plug length 1/2 metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:

- * Digital Frequency Counter
- * Cathode Ray Oscilloscope 20MHz.

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