



**EC 291**

**ELECTRONIC ENGINEERING - II LAB**

**Experiments on The Following :**

- 1.Voltage series feedback amplifier
- 2.Voltage shunt feedback amplifier
- 3.Current series feedback amplifier.
- 4.Current shunt feedback amplifier
- 5.Hartley Oscillator
- 6.Colpitt's oscillator
- 7.RC Phase shift oscillator
- 8.Wein Bridge Oscillator
- 9.Linear wave shaping - Integrator & Differentiator
- 10.Nonlinear wave shaping - Clipping
- 11.Class-B Power Amplifiers
- 12.Clamping Circuits (Diode)
- 13.Difference Amplifier (Op. Amp)

***Suggested Reading :***

1. Paul B. Zbar, Albert P. Malvino, Michael A. Miller, *Basic Electronics, A Text-Lab Manual*, 7th Edition, TMH, 1994.

2. Paul B. Zbar, *Industrial Electronics, A Text – Lab Manual*, 3rd Edition, TMH, 1983.

**General Note :**

i. There should not be more than 2 students per batch while performing any of the lab experiment.

ii. Mini Project cum design exercise :

a) The students must design, rig-up, and test the circuits wherever possible and should carry out the experiments individually.

b) This exercise carries sessional marks of 10 out of 25, while the remaining 15 marks are for the remaining lab exercises.