

**Semester – III
EC8311 - ELECTRONICS LABORATORY**

LIST OF EXPERIMENTS

- ❖ **Characteristics of Semiconductor diode and Zener diode**
- ❖ **Characteristics of a NPN Transistor under common emitter , common collector and common base configurations**
- ❖ **Characteristics of JFET and draw the equivalent circuit**
- ❖ **Characteristics of UJT and generation of saw tooth waveforms**
- ❖ **Design and Frequency response characteristics of a Common Emitter amplifier**
- ❖ **Characteristics of photo diode & photo transistor, Study of light activated relay circuit**
- ❖ **Design and testing of RC phase shift and LC oscillators**
- ❖ **Single Phase half-wave and full wave rectifiers with inductive and capacitive filters**
- ❖ **Differential amplifiers using FET**
- ❖ **Study of CRO for frequency and phase measurements**
- ❖ **Realization of passive filters**

