



## ENGINEERING PRACTICES LABORATORY

Laboratory In-charge : Ms. V. Brinda AP/ECE

Technical supporting staff: Mrs.K.Kasthuri



Snapshot of Engineering Practices Laboratory

Area of the laboratory: 92.39 Sq.m



**Major Equipment:**

- Cathode Ray Oscilloscope
- Function Generators
- Dual Regulated Power Supply

**List of Experiments:**

- Study of Electronic components and equipments – Resistor, colour coding measurement of AC signal parameter (peak-peak, RMS period, frequency) using CR
- Study of logic gates AND, OR, EOR and NOT
- Generation of Clock Signal.
- Soldering practice – Components Devices and Circuits – Using general purpose PCB
- Measurement of ripple factor of HWR and FWR

**Beyond the syllabus experiments:**

- Adder and Subtractor using basic ICs

**Utilization of the laboratory:**

- Engineering Practices Laboratory for I year ECE/II sem