

1. Name of the Lab : ENGINEERING PRACTICES LABORATORY

Subject Code : GE8261 (EVEN SEMESTER) Regulations: R17

GROUP B (ELECTRONICS)

ELECTRONICS ENGINEERING PRACTICE

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

TOTAL: 60 PERIODS

CONTENT BEYOND THE SYLLABUS

1. Characteristics of PN Junction Diode
2. Square filing and V-fitting and square fitting experiments
3. Principle of Spontaneous emission and stimulated emission. Population inversion

Estd - 2001