

1. Name of the Lab : CIRCUITS AND DEVICES LABORATORY

Subject Code : EC8261 (EVEN SEMESTER) Regulations: R17

1. Characteristics of PN Junction Diode
2. Zener diode Characteristics & Regulator using Zener diode
3. Common Emitter input-output Characteristics
4. Common Base input-output Characteristics
5. FET Characteristics
6. SCR Characteristics
7. Clipper and Clamper & FWR
8. Verifications Of Thevinin & Norton theorem
9. Verifications Of KVL & KCL
10. Verifications Of Super Position Theorem
11. verifications of maximum power transfer & reciprocity theorem
12. Determination Of Resonance Frequency of Series & Parallel RLC Circuits
13. Transient analysis of RL and RC circuits

CONTENT BEYOND THE SYLLABUS

14. Study the V-I Characteristics of LED.
15. UJT characteristics
16. RL & RC circuits for DC input

Estd - 2001