PEC-101/201 Fundamental of Electronics Engineering Lab
Course Contents

Laboratory Components:

1. Study of diode characteristics.
2. Study half wave and full wave rectifier circuits.
3. Determination of ripple factor of capacitive and non-capacitive filter for half wave and full wave diode rectifier circuits
4. Study logic gates (AND, OR, NOT, EXOR).
5. Verification of universal gates (NAND & NOR)
6. Study of characteristics of zener diode as constant voltage.
7. Verification of Application of zener diode as shunt regulator
8. Study of Clipper and Clamper Circuit with different waveforms.
9. Determination of the characteristics of BJT in CB and CE configuration.
10. Determination of the characteristics of FET in CS and CD configuration.
11. Study of BJT as single stage amplifier and determination of Ai, Av, Ri and Ro.

Any 8 of the above.