



**Paper Code : ELL:106**

**Paper Name : Electronic Lab I (Basic Electronic Lab)**

1. Finding of Resistors value by color coding technique and using Multi-meter.
2. Study of CRO
3. Ohm's law verification.
4. Series circuit design using resistors
5. Parallel circuit design using resistors
6. V.I characteristics of PN-junction diode.
7. V.I characteristics of Zener diode.
8. V.I characteristics of LED (Light Emitting Diode)
9. Study of half-wave rectifier.
10. Study of full-wave centre-tapped rectifier.
11. Study of bridge rectifier.
12. Characteristics of Common Base (CB) Configuration
13. Characteristics of Common Emitter (CE) Configuration
14. Characteristics of Common Collector (CC) Configuration
15. FET Characteristics
16. RC phase shift oscillator
17. Class A power Amplifier
18. Mono-stable Mutivibrator
19. Bi-stable Mutivibrator
20. Astable Mutivibrator