

## **List of experiments**

1. Study of basic configuration of OPAMP (IC-741), simple mathematical operations and its use as comparator and Schmitt trigger
2. Differentiator, Integrator and active filter circuits using OPAMP (IC-741)
3. Phase shift oscillator using OPAMP (IC-741)
4. Study of various logic families (DRL, DTL and TTL)
5. Study of Boolean logic operations using ICs
6. Design and study of full adder and subtractor circuits
7. Design and study of various flip flop circuits (RS, D, JK, T)
8. Design and study of various counter circuits (up, down, ring, mod-n)
9. Design and study of astable multivibrators using IC 555