

## **PHY- 605 (PR): PRACTICALS**

### **Group – I**

1. An optical method for determining dielectric constant, dipole moment and polarizability of a polar liquid by Hollow Prism.
2. Young's modulus by optical method
3. G.M. Counter
4. Microwave
5. Fiberless optical communication using Laser
6. Fiber optics
7. Ultrasonic Interferometer-Determination of Velocity of Ultrasonic waves in a liquid/solid
8. C Programming

### **Group – II**

1. Frequency Modulation and Demodulation.
2. Phase shift Oscillator using IC-741.
3. Astable Multivibrator with IC -555
4. TRIAC characteristics
5. Biastable Multivibrator
6. R-S FLIP-FLOP
7. SCR as a Triangular wave generator  
Scmitt trigger using transistor.