

# Department of Physics

## Physics Lab (*Phy-503 & 603*)

*B. Sc. 3rd Year*

### *List of Experiments*

#### Section –B

14. Determine the  $\lambda_{na}$  by Fresnel prism.
15. Determine the velocity of ultrasonic waves in kerosene oil.
16. Diameter of Lycopodium powder using corona ring.
17. Study the double slit experiment by He-Ne laser.
18. Determine the diameter of a wire using (He-Ne laser) diffraction method.
19. Determine the young modulus 'Y' by searl' method.
20. Determine the resolving power of prism.
21. Thickness of paper using interference fringes in an air wedge.
22. Determine the resolving power of grating.



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Bahal - 127 028 (Distt. Bhiwani) Haryana