

## Name Of Instruments

1. Hall Effect
2. Study Of Hysteresis
3. Measure curie Temperature
4. Malus law experiment (for plane Polarized light)
5. Babinet's Compensator
6. Polarimeter
7. Operational Amplifier
8. Cathode ray oscilloscope( for voltage & time period measurement)
9. Colpitt's oscillator
10. Thermal Conductivity of rubber
11. Joule's Calorimeter(for determination of J)
12. Thermal conductivity of Cu by Searl's apparatus.
13. Thermal conductivity of a bad conductor by Lee & disc method
14. Fly wheel ( for MI measurement)
15. PN Junction diode ( $V \sim I$  Characteristics)
16. PN Junction Diode( For determination of Boltzmann constant)
17. Zener diode ( $V \sim I$  Characteristics)
18. Zener Diode ( voltage regulator)
19. Gm Counter
20. Photo-Electric Effects
21. Michelson's Interferometer
22. Water Analyzer (Dissolved Oxygen Measurement, Salinity Measurement, Turbidity Measurement experiment for Environmental lab)
23. Digital UV -Visible Spectrophotometer/PC Based Single Beam UV- Visible / Micro Spectrophotometer (DNA-RNA experiment, Beer-Lambert law, Lambda Max experiment)
24. Digital Flame Photometer