

Physics Lab –Instrument/ Components

1. Diode Laser -2 no (red light)
2. Spectrometer-3 no
3. Grating –(500 lines/inch) & grating holder -2 no
4. e/m – Thomson's apparatus – Bar magnet/magnetic focusing-2 no
5. Rheostats-(280 ohm- 2.8 A, 40-70 ohm- 2.8-.5 A)-20 no
6. Realization of Half adder/ Full adder using gates – Verification of truth table
7. Potentiometer – Calibration of ammeter -2 no
8. LCR series and parallel resonant circuit analysis
9. Rechargeable battery SMF 12 V & 5 V (5 no) + battery charger (1 no)
10. Newtons ring horizontal telescope and setup -01
11. Searle's vibration magnetometer-3
12. Magnet-4
13. Planck's constant-2
14. Characteristics of LED-2
15. Characteristics of solar cell/Photo diode- V-2
16. Stop watch-5
17. DC voltmeter-0-10 V -5
18. Ac voltmeter 0-5 V
19. Micro ammeter 0-500 Micro ampere-5
20. Milli Ammeter 0-100 mA - 5 no
21. 20 MHZ CRO with attenuation probe- 1
22. 2MHZ function generator-2
23. 0-10 V variable power supply -04
24. Storage cell (2-3V) and Daniel Cell Combination (For potentiometer experiment).-04



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