

Engineering/Applied Physics Lab

Highlights

Area of the General Lab	90 sq.ft
Area of the Optics Lab	60 sq.ft
Cost of the Lab Equipment	Rs 6,92,000 (approx)

List of Major Equipment

S.No	Name of the Equipment	Quantity	Functioning
1	Melde's Apparatus	6	Frequency of Electrically driven tuning fork
2	Spectrometer	7	Wavelength of spectral lines of white light
3	Travelling Microscope	8	Radius of curvature of lens and thickness of paper
4	Stewart – Gee's Apparatus	4	Magnetic field strength
5	Energy Band Gap Kit	4	Energy Band Gap of a semiconductor
6	Regulated Power Supply	8	To Supply input power for various electronic circuits
7	Fiber Optics Kit	4	Numerical Aperture
8	Function Generator	6	Frequency response characteristics of electrical circuits
9	Sonometer	6	Verification of laws of transverse vibrations

List of Equipment Available in PHYSICS Laboratory as on 31/01/19.

S.NO	DESCRIPTION OF APPARATUS	MAKE/TYPE	QUANTITY
1.	Spectrometer Cat no: 4230	INCO	7
2.	Travelling Microscope with Micrometer heads. Cat No: 4201	INCO	8
3.	Melde's Apparatus. Cat. No: 5052	INCO	6
4.	Stewart & Gee's Apparatus: Cat. No:6042	INCO	6
5.	Battery Eliminator: 2 to 12 volts Dc at 2 amp	INCO	15