



R.L. JALAPPA INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ALLIED SCIENCES

List of Major Experiments in PHYSICS LAB

SL.NO	NAME OF THE EXPERIMENTS	QUANTITY	REMARKS
1	B-H Curve Expt. Setup.	03 Nos.	
2	Black body radiator(Stefan's law) Expt. Setup	03 Nos.	
3	Black box Expt. Setup.	03 Nos.	
4	Charging and Discharging Expt. Setup.	03 Nos.	
5	Current Sensitivity of a Galvanometer Expt. Setup.	03 Nos.	
6	Diffraction Grating Expt. Setup.	03 Nos.	
7	Diode Zener diode Expt. Setup.	03 Nos.	
8	Fermi energy Expt. Setup.	03 Nos.	
9	Kirchhoff's law Expt. Setup.	03 Nos.	
10	N and I by Pendulum Expt. Setup.	03 Nos.	
11	Newton's rings Expt. Setup.	03 Nos.	
12	Photo diode Characteristics. Expt. Setup.	03 Nos.	
13	Planck's constant Expt. Setup.	03 Nos.	
14	Q-by Uniform bending Expt. Setup.	03 Nos.	
15	Resonance Expt. Setup.	03 Nos.	
16	Semiconductor energy gap Expt. Setup.	03 Nos.	
17	Single Cantilever Expt. Setup.	03 Nos.	
18	Sonometer Expt. Setup	03 Nos.	
19	Transistor characteristics Expt. Setup.	03 Nos.	
20	Ultrasonic interferometer Expt. Setup.	03 Nos.	
21	Moment Of Inertia Of Irregular Body and Rigidity Modulus. Expt. Setup.	03 Nos.	
22	Laser Diffraction. Expt. Setup.	03 Nos.	
23	Young's Modulus By Signal Cantilever. Expt. Setup.	03 Nos.	
24	Numerical Aperture of an optical fiber Experimental. Expt. Setup.	03 Nos.	
25	Magnetic Feld Intensity Along the axis of a coil. Expt. Setup.	03 Nos.	

26	Spring Constant. Expt. Setup.	03 Nos.	
27	Resistivity by Four Probe. Expt. Setup.	03 Nos.	
28	Forced Mechanical Oscillations. Expt. Setup.	03 Nos.	



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