




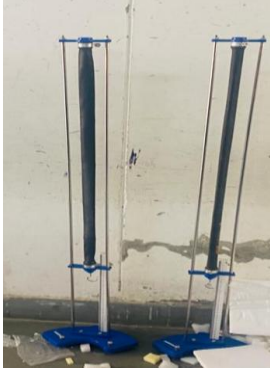


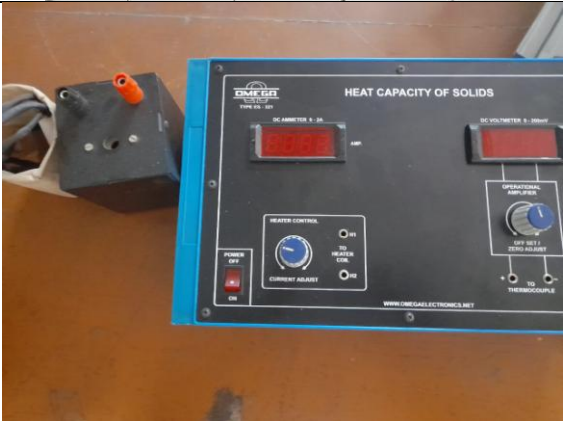

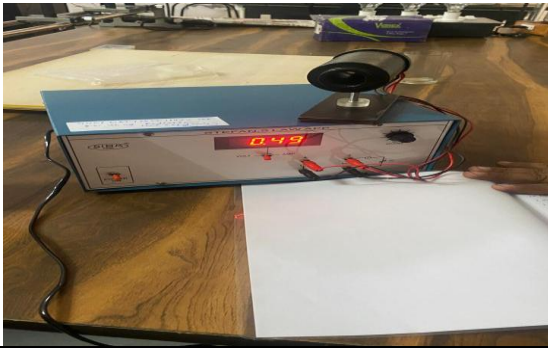


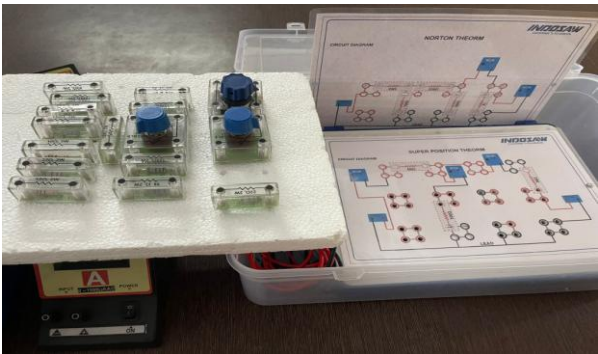


**Guru Nanak College, Sri Muktsar Sahib**  
**Details of equipment procured under DBT Star College Scheme**  
**Name of the Department: PG Department of Physics**


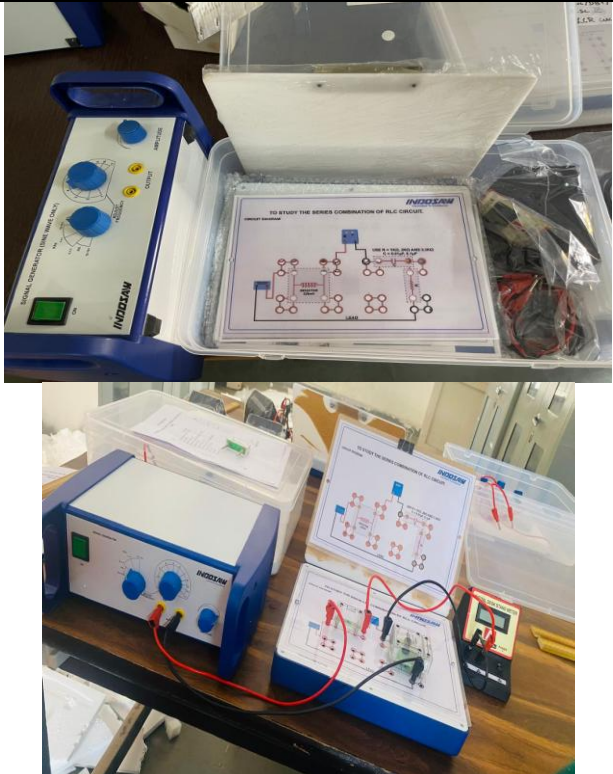
S.No.	Name of the equipment	Number of units	Proof of the apparatus
1.	Frequency of A.C. mains using sonometer setup	2	 
2.	Coefficient of Viscosity of water by Capillary flow method (Poiseuille's method)	1	





3.	Value of $e/m$ by magnetic focussing	1	
4.	One dimensional hanging sphere setup	1	
5.	Poisson Ratio setup	2	

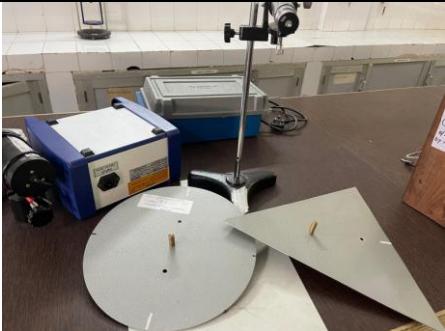



6.	Electric Energy meter setup	1		
7.	Torsional Pendulum	2		
8.	Heat Capacity of solids	1		
9.	Work function of material of filament of directly heated Vacuum Diode	1		





10.	Radiation law setup (Stefans Constant)	1	
11.	Dielectric constant (Capacitance demonstration)	1	
12.	Astable and monostable Multivibrator Setup	1	
13.	Thevenin and Norton theorem	1	






14.	Study of I-V and power curves of Solar Cell and find maximum power point and efficiency	2	
15.	RC circuit setup	2	


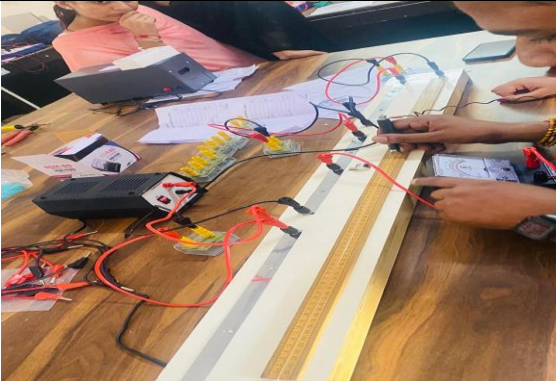
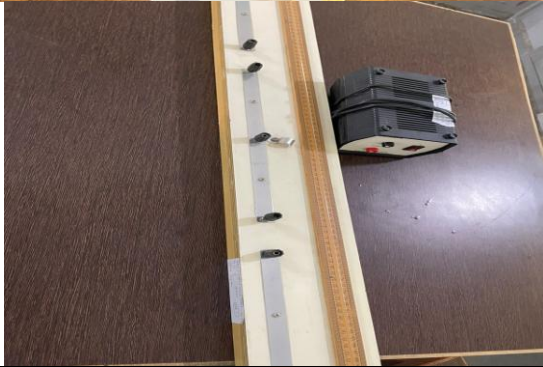

16.	Elastic Constant by Searle's method	1			
17.	High Resistance measurment by Leakage Method	1			
18.	Van-De Graff generator	1			
19.	Viscosity measurement setup	1			





20.	Different Geometrical Shapes	1	
21.	Melde Apparatus	1	
22.	Thermocouple setup	1	
23.	Spectrometer setup	1	

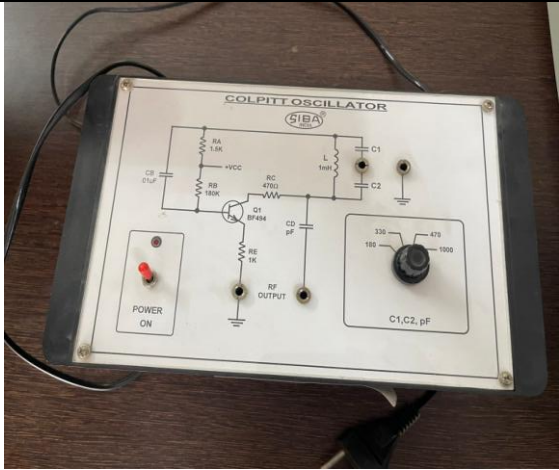


24.	Photoelectric phenomenon set up	1			
25.	Interference fringes setup	1			
26.	Thermo emf setup	1			
27.	G.M. Counter set up Accessories (detector holder) of G.M. Counter G.M. Detector sliding bench Aluminium Absorber Set	1			



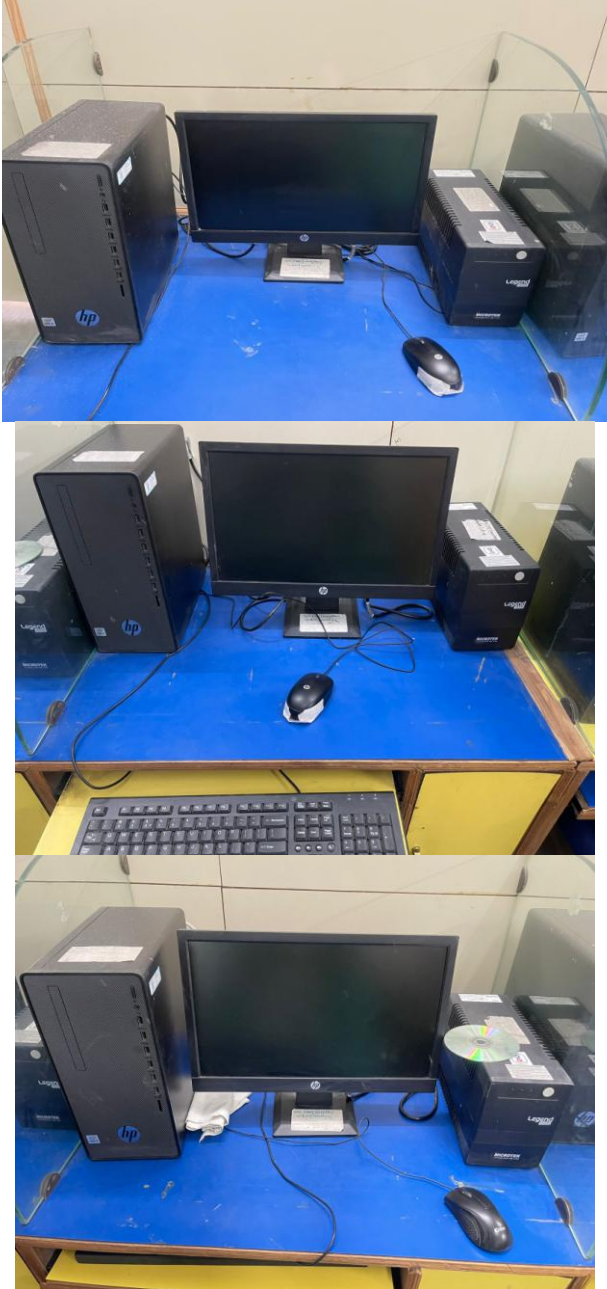

28.	Modulation and demodulation Setup	1	
29.	20 MHz Oscilloscope	1	
30.	Milikan oil drop Setup	1	


31.	Temperature Coefficient of Resistance by PRT(Platinum Resistance Thermometer)	1		
32.	Carey Foster	2		 
33.	Solenoid search coil	1		

34.	Anderson Bridge	1	
35.	Callender and Barne's constant flow method	1	
36.	Laser setup	1	
37.	Characteristics of MOSFET (Special Diode)	1	

38.	Colpitt Oscillator	1	
39.	Digital Multimeter	6	
40.	Stop watch	5	



41	Desktop HP and UPS	3	 <p>The first image shows an HP desktop tower, a monitor, a mouse, and a UPS unit on a blue desk mat. The second image shows the same setup from a slightly different angle, including a keyboard. The third image shows the setup with a CD/DVD drive visible on the side of the tower.</p>
42	Printer	1	 <p>The image shows a black Canon printer with a sheet of white paper loaded into the input tray.</p>

43	Projector	1			
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