



R & D Infrastructure

Sr. No.	Equipment Setup/ Software Details	Month and Year of Procurement	Cost	Details
1	Furnace	Sep-18	50,000/-	800-1000 °C
2	Ultrasonicator	Sep-18	7500/-	3 ltr, Digital timer
3	Centrifuge	Sep-18	4000/-	6 Tubes, 5000 rpm
4	Magnetic Stirror	Sep-18	2000/-	2000 rpm with heater
5	Magnetic Beads	Sep-18	1700/-	Teflon coated
6	Micro Pipette	Sep-18	1400/-	Plastic (100-1000 microlit.)
7	Micro Pipette Tips	Sep-18	600/-	Plastics 1000 nos.
8	Sample vials	Sep-18	500/-	100 nos.
9	Steel Tweezers	Sep-18	500/-	5 nos. set
10	Hot air Blower	Sep-18	1500/-	Two stage, 500 °C
11	Teflon Tape	Sep-18	300/-	--
12	HCP,DC,NaCl Crystal model	Sep-17	2790/-	Plastic Crystal model



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13	Cathod Ray Oscilloscope	Aug-17	57240/-	APLAB 30 MHz
14	Function generator	Aug-17	14310/-	APLAB
15	Dual DC power supply	Aug-17	26368/-	APLAB CV and CC mode
16	Determination of Planck's constant by LED	Aug-17	18000/-	
17	Multimeter, digital	Jan-17	2690/-	
18	Newton's Ring setup	Jan-17	13230/-	
19	Sodium Lamp	Jan-17	3290/-	Phillips Sodium Lamp (35W)
20	Magnifying Lens	Jan-17	110/-	
21	Table Lamp	Jan-17	880/-	
22	Travelling Microscope (2 Motion)	Jan-17	15370/-	2 Motions
23	Airwedge Slides with box	Jan-17	1490/-	Glass
24	He-Ne Laser with Stand(2mW)	Jan-17	17960/-	He-Ne Laser with Stand (2mW)



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25	Meter-Scale	Jan-17	76/-	Meter-Scale(wooden)
26	Ultra Sonic Interferometer	Jan-17	23545/-	1 and 2 MHz
27	Crystal Cubic models	Aug-13	19800/-	
28	Hall Effect Setup	Jul-13	47480/-	Hall Probe, Electromagnet, Current and Voltmeter
29	Ultrasonic Interferometer	Jul-13	33845/-	2
30	Energy Band Gap setup	Jul-13	9990/-	Diode with heater and thermometer
31	Photo diode apparatus with digital meter and power supply	Jul-13	7380/-	