

4.1.1: The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

Class Rooms	Area (Sq. ft.)	ICT Enabled
Class Room A	178.56	No
Class Room B	210.49	No
Class Room C	748.00	No
Class Room D (Smart Classroom)	748.00	Yes
Class Room E (Smart Classroom)	594.00	Yes
Class Room F	591.30	No
Class Room G	780.69	No
Class Room H	569.97	No
Class Room I	574.94	No
Class Room J	748.00	No
Seminar cum Auditorium Room	1563.39	Yes

Laboratories:

Laboratory	Equipment	Quantity
Biochemistry Laboratory 	Weighing Balance	1
	Magnetic Stirrer	1
	Oven (18x18x18)	1
	Electrophoresis Unit Horizontal	1
	Colorimeter	2
	Refrigerator (170 lit)	1
Bioscience Laboratory 	Incubator (24x24x24)	1
	Water-Still(Distillation Unit)8-Lit	1
	B O D Incubator	1
	Laminar Air Flow Vertical	2
	pH Meter	1
	Refrigerator (251 lit)	1
Biotechnology Laboratory 	Autoclave Vertical	1
	Autoclave Portable	1
	Weighing Balance	1
	Magnetic Stirrer	1
	Micro-Centrifuge	1
	Centrifuge (R-8)	1
	Incubator(18x18x18)	1
	Electrophoresis Unit	1
	Mini Vertical Gel Electrophoresis Unit(10x10cm)	1

	Mini Vertical Gel Electrophoresis Unit(13x13cm)	1
	Electrophoresis Unit (7 Well)	1
	Electrophoresis Unit 13 Well)	1
	Laminar Air Flow Vertical	1
	Laminar Air Flow Horizontal	1
	Colorimeter	2
	Air Conditioner	2
	Refrigerator (310lit)	1
	Turbidity Meter	1
	Tissue Culture Rack	2
PG Laboratory 	Weighing Balance	1
	Incubator (14x14x14)	1
	Assembled Distillation Unit	1
	Colorimeter	1
	Vortex Mixer	2
	Programmable Micro-centrifuge	1
Common Facility Centre 	Magnetic Stirrer With Hotplate	1
	Water Bath (06 holes)	1
	Centrifuge (R-8)	1
	Tissue Homogenizer	1
	Vacuum Pump	1
	Double Beam Spectrophotometer	1
	U.V Trans-illuminator	1
	Inverted Tissue Culture Microscope	1
	Cooled Gradient Palm Cycler (PCR)	1
	CO ₂ Incubator	1
	Cooling Centrifuge with Stabilizer	1
	Rotary Shaker	1
	Quick Freezer -20 with Stabilizer	1
	Lab Mini Fermentor	1
	Vortex Mixer	1
Computer Laboratory	Computers	21
	Printer	1
	Network Router	1
	Network Router Cabinet	1
	UPS	1
	Backup Batteries (26mA)	11

Computer Laboratory:



- For tissue culture work and plant science studies we have Green Shed Net of area 600 sq.ft.



- Discussion Zone:



Website Link for Infrastructure facility:

<http://vgshivdarecollege.com/Infrastructure.aspx>