

A. List of Equipments available for Under-Graduate (UG) students of this faculty

Department of Plant Biotechnology

Sr. No.	Name of Equipment	Quantity
1	-40°C freezer (Heal Force®)	1
2	-80°C freezer (Thermo Fisher®)	1
3	Laminar Flow (Microfilt®)	1
4	High speed centrifuge (Hitachi®)	1
5	Hot air oven (Labtop®)	1
6	Sorvall® RC 5C Plus	1
7	Ice Flaker	1
8	Horizontal autoclave	1
9	Distillation Unit	2
10	Plate reader (Biotrak®)	2
11	Gel Documentation Unit	1
12	Femtolet (Eppendorf®)	1
13	Weighing balance (Sartorius®)	2
14	pH meter (Elico®)	1
15	CO2 incubator (Thermo Scientific®)	1
16	UV Transilluminator (Hoefor®)	1
17	Magnetic Stirrer (Remi®)	1

Department of Microbial and Environmental Biotechnology

Sr. No.	Name of Equipment	Quantity
1	20°C freezer (Siemens®)	1
2	Microscope (Labomed®)	10
3	Centrifuge (Eppendorf®)	2
4	UV Transilluminator (Macrovue®)	1
5	Autoclave (Equitron®)	2
6	Orbital Shaker incubator (Remi®)	1
7	Vertical Electrophoresis Unit	2
8	Horizontal Electrophoresis Unit	1
9	Desiccators (Rivotek®)	1

Department of Animal Biotechnology

Sr. No.	Name of Equipment	Qty.
1	CO ₂ incubator (Thermo Scientific®)	1
2	Thermal cycler (Eppendorf®)	1
3	Microscope (Labomed®)	2
4	pH meter (Elico®)	1
5	Weighing balance (Sartorius®)	1
6	Magnetic stirrer (Remi®)	1

Bioinformatics Section:

Sr. No.	Name of Item (Accessories/ Softwares)	Qty.	Remarks
1	LENOVO® Desktops	12	It is utilized for UG and PG practicals as well as PG students research work analysis
2	HCL® PCs for Window	10	
3	HP® Color LaserJet Printer	01	
4	HP® Photocopier	01	
5	HP® Scanner	01	
6	Server	01	
7	BSNL Leased Line (1:4) Internet connectivity in LAN	01	
8	Utilization of online and stand-alone packages viz., ExcelStat, PHYLIP, ClustalW, SPSS, SAS 9.3, AutoDock, WinQTL, QTLICI mapping, PCA, NTSYS, AntMap, GOLS Language lab etc	-	It is utilized for analysis of the data for M.Sc. project works and faculty research works of the institute

Equipments available at Central Instrumentation Facility:

Sr. No.	Name of Equipment (Make)	Quantity
1	Hybridization Oven (Amarsham Biosciences®)	1
2	Spectrophotometer (Hitachi®)	1
3	Spectrophotometer (Shimadzu®)	1
4	Ultra Centrifuge (Hitachi®)	1
5	Thermal cycler (Eppendorf)	1
6	Gel Documentation unit (Alpha Innotech®)	1
7	DNA concentrator (Thermo Scientific®)	1
8	HPLC Unit (Hitachi®)	1

B. List of Equipments available for Post-Graduate (PG) students of this faculty

PG Laboratory-1

Sr. No.	Name of Equipment (Make)	Quantity
1	-20°C freezer (Siemens)	1
2	-80°C freezer (New Brunswick Scientific)	1
3	-80°C freezer (Elcold)	1
4	Refrigerator 4°C (Healforce)	1
5	Refrigerator 4°C (Samsung)	1
6	Laminar Flow (Microfilt)	2
7	Microscope (Labomed)	7
8	Centrifuge (Eppendorf)	1
9	Gel Documentation Unit	1
10	Weighing balance (Sartorius)	1
11	Weighing balance (Fivestar)	1
12	Orbital Shaker incubator (Remi)	1
13	Horizontal Electrophoresis Unit	6
14	Microwave Oven (Samsung)	1
15	BOD incubator	1
16	Water bath (Biosan)	1
17	Shaker incubator	2
18	Computers	3

PG Laboratory- 2

Sr. No.	Name of Equipment (Make)	Quantity
1	Refrigerator 4°C (Samsung)	1
2	Refrigerator 4°C (LG)	1
3	Laminar Flow (Microfilt)	1
4	Centrifuge (Eppendorf)	1
5	Hot air oven (Unix96)	1
6	Weighing balance (Sartorius)	1
7	pH meter (Elico)	1
8	UV transilluminator (Hoefor)	1
9	Magnetic stirrer (Remi)	2
10	Incubator (Labto)	1
11	Mixmate (Eppendorf)	1
12	Boiling Unit/ Heater (Rivotek)	1
13	Microwave Oven (Samsung)	1
14	GCMS (Varian)	1

15	BOD incubator (Remi)	1
16	Computers with Bioinformatics software (DELL)	1

List of equipments at Central Instrumentation facility:

Sr. No.	Name of Equipment (Make)	Quantity
1	Hybridization Oven (Thermo Scientific)	1
2	Spectrophotometer (Hitachi)	1
3	Ultra Centrifuge (Hitachi)	1
4	Thermal cycler (Eppendorf)	2
5	Thermal cycler (BioRad)	1
6	Thermal cycler (Biometra)	1
7	Real time PCR (Eppendorf)	1
8	Gel Documentation unit (Alpha Innotech)	1
9	Gel Documentation unit (Syngene)	1
10	ELISA reader (BioRad)	1
11	Biophotometer (Eppendorf)	1
12	Microscope with Camera (Labomed)	1
13	Minispin (Eppendorf)	1
14	Orbital Shaker (Genexy)	1
15	Protean IEF Cell (BioRad)	1
16	IPGphor (GE Healthcare)	1
17	Concentration Plus (Eppendorf)	1
18	Centrifuge (Eppendorf)	1
19	MixPlate (Eppendorf)	1
20	Kingfisher ml (Thermo Scientific)	1



