

List of equipment available in Biotech Hub

1. Equipments for molecular biological activities:

Sl. No.	Equipments with Model No. & Brand Name
1	96 well Gradient Thermal Cycler, TC-5000, Techne
2	Digital pH Meter, MK VI, Systronics
3	Gel Documentation System, XS-D56-0MAUTO, UVITEC
4	Desktop Computer with Printer, HP S1935a
5	Midi Submarine System, Preparative Model, GeNei
6	Electrophoresis Power Pack (Supply), BGPS 300/400, GeNei Merck
7	Cooler Box, GeNei Merck
8	Vortex Mixer, 11-160, GeNei Merck
9	14000rpm Microcentrifuge, SLM-MCF-14K, GeNei
10	Vertical Deep freezer, BFS-150, Cellfrost
11	Single Channel Micropipette (a set of 5 with stand), T2, T1000, T20, T10; Tarson
12	Dry bath, LI-DB-120, GeNei Merck
13	Microwave Oven, SHARP
14	UV-VIS Spectrophotometer, Systronics
15	Online UPS with battery & stand, 3KVA (2hr), ELNOVA
16	Silent Generator, 25A5-C, Kirloskar

2. Equipments for Plant tissue culture activities:

Sl. No.	Name of Equipment
1	Refrigerated Liquid Bath inner chamber made of S.S., size 450x300x300mm
2	Incubator Bacteriological 19"x18"x18" S.S. Chamber
3	Deep Freezer, Ultra Low cabinet 4 cu feet, ambient to -30
4	Tissue Culture Hood, size 1200x600x 600mm height at back, S.steel top
5	B.O.D. Incubator [650(W)x580(B)x900(H)mm Automatic cyclic Timer Digital Humidity Controller, Automatic Voltage Stabilizers
6	Shaking Incubator cum BOD incubator 635x550x550mm, Digital Speed meter, & Digital Temp indicator cum Controller with Stabilizers
7	Laminar Flow Cabinet Horizontal (SS) 3'x 2'x 2' UV Light, Transparent front door, HEPA filters & PRE filters, Steel Revolving chair, Cooling System (1.0 tone), Automatic Voltage Stabilizers
8	Tissue Culture Rack with Florescence Tubes & 5-shelved, 0-24 h Timer, & Stabilizers

9	Distillation Apparatus Glass, (Double Stage) Accessories – Flask Capacity 5Lit, Automatic Low water level cut off device.
10	Hot Air Oven size 455x455x605mm built in air fan and digital temp. controller
11	Rotary Flask Shaker (Platform size 55 x 55 cm) Holding capacity 36 flask of 100ml, Digital Speed meter, Automatic 0-60minute Timer
12	Autoclave Vertical 350mmx550mm, Digital ON/ OFF mechanical device, Automatic 0-60minute Timer ss, Inner basket, Lifting device, Safety valve, Pressure release valve, Water level indicator.
13	Serological Water Bath double walled SS Chamber Size 605x300x175mm with digital temp. Controller & High-speed stirrer.
14	Test Tube Rotator for 36 tubes
15	Culture Vessels Magnetic stirring capacity 5 ltr built in Hot plate
16	Tissue Culture Trionocular Microscope with Microphotographic camera kit
17	Micropipettes multi channels Analogue model
18	Electronic Digital Balance, Analytical – Capacity 100gm, Sensitivity 1mg
19	LCD Projector “Sony”, Multimedia Projector – Remote control, Portable tripod plastic screen – 60" x 60"
20	Computers (Leonova Flat model) with UPS Accessories – Laser jet Printer-1, Inkjet Printer (1No.), Scanner (1No.)
21	Tissue Floatation Bath 200MMX70MM
22	PH Meter (Digital) built in stabilizer Accessories – Combined glass electrodes Buffer solution Stand.
23	Microprocessor based pH meter with accessories
24	Water Deioniser – Four bed Digital Model capacity 100Lit/hr.
25	Tissue Homogenizer, 10000 rpm with speed regulator
26	Tissue Processing Unit with S.S. basket, 24 tissues capsules, with thermostatic controlled wax bath
27	Research Micro Centrifuge (Table Top Model) with rotor head carrier for 1x18 (5ml) tubes
28	Autoclave Portable 300mm x 300mm Doubled wall With swing nut type closing lid. Safety valve, Pressure release valve