

EQUIPMENT FACILITY

Genomic Cell



Whole Genome Sequencer
(SOLiD 5500)



Genome Sequencer
(Ion Torrent)



Genome Sequencer
(Ion S5)



Capillary Sequence
(16 Capillary)



Capillary Electrophoresis



RT PCR



PCR



PCR Setup Chamber



Hydroshear

Biotech Cell



Thermo cycler



Multimode Reader



Gel Doc



Pico Drop



Liquid Handling System



Plate Centrifuge



Concentrator



Tissue lyser



Blotting Device



Electrophoresis



Transilluminator



Dry Bath



Multi rotor



Fluorometer



Live gel viewer

Microbial Cell



Scanning Electron
Microscope



Flow Cytometer



Micro-manipulator



Photo Bioreactor



laminar flow



Fluorescence microscope



Media preparator



Fermenter



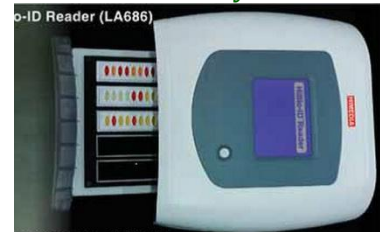
BOD Analyser



Shaker



Incubator



Hi-Bio reader



Automatic Autoclave



Anaerobic Jar

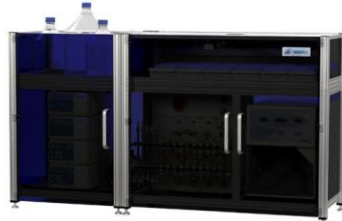


Inverted Microscope

Separation Cell



Accelerated Solvent Extractor



2D HPLC



Amino Acid Analyzer



UV-Spectrophotometer



NIR



Soxtherm



Lyophilizer



HPLC



Texture Analyser

GFQA Cell



Gluten analyser

Moisture meter

Rancimat



KF Colimeter

Spectrofluorophotometer

Rheometer



Microtrac Particle analyzer

Prep HPLC

Auto Titrando

MS/MS Cell



LCMS

GCMS

Proteomic Cell



LCQTOF



GCQTOF



SPR



2 D Gel Electrophoresis with DIGE System



Ultra Centrifuge



SNAP id



Protein Scanner



Spot Picker and Digester



Solvent Extractor

Elemental Cell



ICPMS



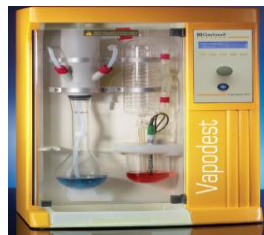
XRF



FTIR



CHNS Analyzer



Micro Kjeldahl unit



VA Analyzer



Digital Flame Photometer



MPAES

General Equipments



Analytical balance



Water Purification System



Sonicator



Centrifuge



pH meter



Water bath



Microbalance



Hot air oven



Deep freezer



Hot plate



Vortex mixture



Microwave oven



Ice making machine



Cyclone Grinder Mill



Bomb Calorimeter

List of Major Equipment / Instruments

Sr. No.	Name of laboratory	Name of Equipment / Instrument	No of Equipment / Instrument
1.	PG Laboratory	Water Purification system	1
2.	PG Laboratory	PCR with Accessories	1
3.	PG Laboratory	Ultra high-speed Refrigerated centrifuge (Plastocraft)	1
4.	PG Laboratory	Capillary electrophoresis	1
5.	PG Laboratory	DE -Auto clave	1
6.	PG Laboratory	U. V. 220 Volt Spectrophotometer with Accessories (PC)	1
7.	PG Laboratory	Sartorius German Make Micro Balance	1
8.	PG Laboratory	Gel Documentation System GDS 8000 with Accessories	1
9.	PG Laboratory/ UG Laboratory/ FTL	Freeze vertical -25 C	4
10.	PG Laboratory/ UG Laboratory/ FTL	Various Capacity Balance	7
11.	PG Laboratory/ FTL	Pico drop Spectrophotometer	2
12.	UG Laboratory/ FTL	Alico U.V. spectrophoto.	2
13.	FTL and PG Laboratory	Veriti-96 Thermal cycler PCR machine	2
14.	FTL	Inverted Microscope	1
15.	FTL	Express Grinder	1
16.	FTL	Gene sequencer	1
17.	FTL	Micro Manipulator	1
18.	FTL	Vario scan flash top/bottom	1
19.	FTL	Snap ID	2
20.	FTL	Fully Automatic nucleic acid extraction system	1
21.	FTL	Gel Documentation system	1

22.	FTL	High Through Sequencer system	1
23.	FTL	Blotting Device system	1
24.	FTL	Bioinformatics setup system	1
25.	FTL	Deep fridge with Accessories	1
26.	FTL	Concentrator System	1
27.	FTL	Refrigerator Shaking Incubator	1
28.	FTL	Biocare Autoclave Fermented	1
29.	FTL	Laminar Air Floor	1
30.	FTL	Lovibond BOD	1
31.	FTL	BOD Incubator	1
32.	FTL	Microbiological Blender	1
33.	FTL	Photobio Reactors with Accessories	1
34.	FTL	Media Preparator with system	2
35.	FTL	Microscope	1
36.	FTL	Flowcyto meter	1
37.	FTL	HPLC Model LC 10-A with Accessories	1
38.	FTL	Lyophilizer with accessories	1
39.	FTL	Gerhardt soxhtherm	1
40.	FTL	Altra Centrifuge Max (Backman Culter)	1
41.	FTL	Ingns rotary flash evaporator	1
42.	FTL	Pre requisite ASE-300	1
43.	FTL	Solvent extraction dinox	1
44.	FTL	Sapbox	1
45.	FTL	IKA Digital Block Heater	1
46.	FTL	FTIR with Accessories	1
47.	FTL	HPLC system with Accessories	1
48.	FTL	Elan-9000 Mass Spectrophotometer (ICPMS)	1
49.	FTL	836-tietrendo with aces.	1
50.	FTL	797-voltramic system	1
51.	FTL	GCMS QP-2010 Plus	1
52.	FTL	IR moisture balance	1
53.	FTL	Nitrogen Gas Generator (HPLC)	1
54.	FTL	LN-2 Safety Cooling System	1
55.	FTL	Spectrofloro photometer	1
56.	FTL	"JASCO" Infrared spectrophotometer	1

57.	FTL	LCMS Accessories	1
58.	FTL	Microtrac Particle Size Analyzer	1
59.	FTL	T.Q.D. Aquity UPLC	1
60.	FTL	Acquity UPLC system	1
61.	FTL	Automatic Fibre Extraction System (Gerhardt)	1
62.	FTL	Rio meter	1
63.	FTL	Ion Mater	1
64.	FTL	Rotary Evaporator	1
65.	FTL	Pan analytical with Accessories	1
66.	FTL	XRF Spectro.with Accessories	1
67.	FTL	Gerhardt turbotherm	1
68.	FTL	Gluten Analyzer (LCGC)	1
69.	FTL	C.H.N. Analyzer	1
70.	FTL	Atomic Absorption Spectrophotometer (MP-AES)	1
71.	FTL	Heating Mental 2 litre Capacity	1
72.	FTL	Stud cell-25mm	1
73.	FTL	Multi skin vacu.minifold	1
74.	FTL	K F coulometer	1
75.	FTL	Protein Fractionators System	1
76.	FTL	Spot Spicker & Digestor System	1
77.	FTL	Protein Analysis Scanner	1
78.	FTL	Surface Plasma Resonance System (SPR)	1
79.	FTL	2 D Gel Electrophoresis	1
80.	FTL	PCR mycycler System	1