

  
 UNIVERSITY OF MYSORE  
**INSTITUTION OF EXCELLENCE**

Vijnana Bhavan, Manasagangotri, Mysore- 570 006

Ph. No.: 0821 – 2419437/459

SL. No	Name of the Equipments	Make	Model
01.	NMR System	Agilent	400MR DD2
02.	Mass Spectrometer(ESI/APCI-Hybrid Quadrupole, Time- of –flight, LCMSMS)  1.GC with integration to existing MS/MS, 2.MALDI attachment to existing LC/MS/MS	Waters, USA  Agilent Waters, USA	Synapt G2 HDMS. ACQUITY UPLC  7890A GC system
03.	XRD	Bruker	Microstar Proteum 8
04.	Preparative HPLC	Waters, USA	SPD 4245
05.	DNA Sequencer  Next generation Sequencer	Applied Biosystem  Life technologies	GA3500  Proton PGM
06.	IMAGING FACILITY 1. Advanced Spectral Confocal Microscope System, 2. Scanning Electron Microscope, 3. Advanced Fluorescence Research Microscope with Digital Imaging, 4. Live cell Imaging Inverted Microscope, 5 .Polarizing Microscope, 7. Research Stereo Zoom Microscope, 8. Student Compound Binocular Microscopes 9. Student Stereo Microscopes	Carl Zeiss, Germany	LSM 710  EVO LS 15  AXIO Imager A2 AXIO Observer Z1 AXIO Imager A2 M Stereo Discovery V20  Primo Star Stemi DV 4
07.	Flow Cytometer	Beckman Coulter	Cell Lab Quanta™ SC
08.	1. Ultracentrifuge, 2. High Speed Refrigerated Centrifuge (Floor Model), 3. Refrigerated Table Top Centrifuge	Thermo Fischer  Thermo Fischer  Thermo Fischer	Sorvall WX 100 Ultra  Evolution RC  Ligand XTR
09.	Realtime PCR machine	Applied Biosystem, USA	ABI, Step One Plus

10.	Animal Cell Culture Facility  1. Biosafety cabinet, Class II, Type A2, 2. Inverted Microscope with Digital Imaging 3. Carbon-di-oxide Incubators	Thermo Fischer  Zeiss, Germany  New Brunswick Scientific, USA	1300 Series  Axiovert A1  Galaxy Co-170
11.	Multimode Plate Reader-Varioskan	Thermo Fischer	Varioskan Flash Top
12.	Freeze Drier (Bench Top)	Thermo Fischer	Power dry LL1500 - 1
13.	Ultra LowTemperature Upright Freezer(-80 <sup>0</sup> C)	Thermo Fischer	994Ult Frzr 17 DBLDR 220
14.	UV-Visible Spectrophotometer	Beckman Coulter	DU 730 “Lifesciences”
15.	Nanospectrophotometer	Thermo Fischer	2000C
16.	Water Purification System - Diamond Nano	Thermo Fischer	Diomond RO/Nanopure
17.	Vacuum Concentrator	Thermo Fischer	Integrated Speed Vac
18.	Thermal Cycler (Gradient - PCR - Machine)	Eppendorf, Germany	Master Cycler gradient
19.	Orbital Shaker Incubator (Bench top model)	New Brunswick Scientific, USA	M1335-0016, 142R
20.	Open Air Shaker (Bench top model)	New Brunswick Scientific, USA	Excella E5
21.	Fermentor System (Autoclavable and bench top model)	New Brunswick Scientific, USA	BF115, Advanced Ferm Kit, 14L
22.	Bioreactor System(Autoclavable and bench top model)	New Brunswick Scientific, USA	BF115, Advanced Ferm Kit, 14L
23.	Electrophoresis Facility 1.Electrophoresis System 2.2D - Gel Electrophoresis System 3.Gel Documentation System	Hofer Inc, USA  BioRad, USA	MINIEV, SE660, PS265, SUB15, SUB25, PS300B Geldoc XRT
25.	Liquid Nitrogen		

<b>Minor Equipments</b>		
1. Laminar Air Flow		
2. Water bath		
3. Bacteriological incubators		
4. Incubator shaker		
5. Magnetic striers		
6. pH Meter		
7. Vortex mixer		
8. Hot plate		
9. Dry bath		
10. Gel rocker		
11. Tube rotator		
12. Hot air oven		
13. Autoclave (Small)		
14. Analytical Electronic balance		
15. Microcentrifuge		
16. Blotting unit (Semi dry blotter)		
17. Water Distillation unit		
18. Catalytic hydrogenator		
19. Sonicator		
20. Vertical Autoclave (Big)		
21. Rotary Evaporator		

**Contact:**

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