

## Instruments available in the Department

<b>Research Laboratory</b>		
Sr. No.	Name of Equipment	Model No.
1	FT-IR Spectrophotometer	IR-Affinity-IS-WL (Schimadzu)
2	UV-Visble spectrophotometer	UV-18 (Schimadzu)
3	Centrifuge	ElteckcentifugeLEC-351
4	Oven	Ikon
5	Sonicator	Optics-Technology-9726
6	Refrigerator	Whirlpool-ff-2d-375-4s/2018
7	Microwave oven	LG-MS-2043-db
8	High Performance Liquid Chromatograph	1260-Affinity-Agilent
9	Guassian16	Software
10	HPC Workstation	Tyrone
11	Fluorescence Spectrophotometer	Rf-6000 (Schimadzu)
<b>Post Graduate Laboratories</b>		
1	Conductometer	Labtronics-mode 16 s.no. M72017.03.499
2	Balance	Contech cah-413
3	Double Distillation Apparatus	Es-2000-ddq-xl
4	Single Distillation	Labsil-1.5 kw-220-240
5	Oven	Popular. India. (s.no-5949) (cat no.pt400/05)
6	Heating mantle	Biomedical solution
7	Melting point apparatus	Macro scientific msw-403 (spl)
8	Magnetic stirrer	Ikon-Ik-163c
9	Oven	Ikon
10	Polarimeter	Labtronics – 750 (S.NO. MS.2107.03.521)
11	Potentiometer	Labtronics – 32 9s.no. 09j.2017.03.54)
12	pH. meter	Contech- Ph-102
13	Suction pump	Optics Technology (S.No. 9689)
14	Water bath	Optics Technology 7661
15	Water Analyzer Kit	Labtronics-59
16	Viscometer	Brook ficed dv2 tlvjtjo
<b>B. Tech Laboratory</b>		
1	Aniline point	Adarsh
2	Balance	Schimad z4 elb 300
3	Electric Oven	
4	Flash point Apparatus	Hemkunt electronics – hjm017
6	Muffle furnace	Optics technology 7659
7	Magnetic stirrer	Popular India
8	Molecular modal kit	Polylab 58001
9	pH meter	Labtronics-model-11-201001230
11	Refrigerator	Whirlpool 20287
12	UV spectrophotometer	Lasany (s.no. 20140702101)
13	Water bath shakher	Technology s.no. 7660