

Central Instrument Facility

Sr.No.	Name of the Laboratory	Specialized Equipment Name	Equipment Details
1	Central Instrumentation Facility	Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	Thermo Fisher,
2		Gas Chromatography Mass Spectrometry (GC-MS)	Agilent, 7900C
3		Liquid Chromatography Tandem Mass Spectrometry	Agilent 1290 Infinity 1300 bar, 6470 QQQ
4		Benchtop NMR	Nanalysis, 100 MHz

Laboratory wise availability of Instruments

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1	Instrument Laboratory-1	Ultrasonic Bath sonicator	Labman LMOC6
2		Conductivity Meter	Labman LMCm20
3		pH Meter Digital	Eutech PH510
4		Water bath	SelecTc303
5		Cyclo Mixture	Remi
6		Shimadzu Electronic Top Loading Balance BL 220H	shimadzu BL-220H
7		Vaccum Oven (SS Inner MS Outer TempRT to 150 Deg C Dig. Temp Control With Vaccum Pump 12×12 inch)	NM-254B
8		Water bath - Stirred	Equitron8425
9		METTLER TOLEDO HE-53 Moisture Analyzer	Mettler Toledo HE-53
10		Hot Plate S.S Top	Janki Impex
11		Thermo Static Oven	Neuman and miller M-NM-ALU-E

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12	Instrument Laboratory-2	High Pressure Liquid Chromatography (HPLC)	Agilent, 1260
13		Fourier Transform Infra-Red spectrophotometer	Shimadzu, IR Spirit
14		High Performance Thin Layer Chromatography with Mass Interface	CAMAG, HPTLC 4
15		Differential Scanning Calorimeter (DSC)	TA Instruments, DISCOVERY DSC 25
16		Water System Purificaion	Milipore
17		Refrigerated Centrifuge with Rotor(12×15ml And 24×1.5ml)	Remi
18		Shimadzu UV-VIS Spectrophotometer Model : UV-1900	Shimadzu UV-1900
19	Instrument Laboratoy-3	Research Microscope with Camera	Nicon
20		Tablet Hardness Tester (Monsato type) / (Pfizer type)	Patel Scientific Instruments
21		Friability Tester	Electrolab EF2W
22		Disintegration Testor	Lab India DT 1000+
23		Rheometer	Antonpaar, 102e
24		Freeze dryer	Labconco, Freezone Triad
25		Dissolution Test Apparatus with Auto Sampler (Inspire-08)	Electorlab, Inspire -08
26	Instrument Laboratoy-4	Spray Dryer with nano Nozzle	Technopress, 2021
27		Tablet Punching Machine	Ratankar Tools, 12 station
28		Spheronizer and Extruder	NA
29		Magnetic Stirr with hot plate	Remi MLH-5
30		Tap density	ETD - 1020
31		Autoclave	Lab Line
32		Tray Dryer	Impex-01/janki implex
33		Probe Sonicator	Oscar Ultrasonics Sonaparas PR-750MP

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34	Instrument Laboratory-5	Flash Chromatography	Advion Interchim -
35		Rotary Flask Evaporator	IKA, RV10Auto
36		Spice Grinder	Nilsan NS-MG-500CB
37		UV Cabinet	JSGW 1179
38		Melting Point Appratus	Lalco Scintific -
39		Fuming Hood	Citizen 6907.01.2021
40		Handheld UV Lamp	GeNei 120029GB
41		Preprative TLC Chamber	JSGW 1175/2