

Pharmacy					
List of Testing/ Synthesis/ Characterization/Machining equipment at MAU					
S. No	Name of Equipment	Brand/Model/ Make	Type of Equipment	Testing/ Characterization Parameter	Department & School
1	Centrifuge	Remi Lab World/RM-12C	Testing	For centrifugation of samples	School of Pharmacy
2	Melting Point Apparatus	Popular India, D.K, Scientific Industry, 2015	Testing	For melting point determination	School of Pharmacy
3	Hot air oven	Mars & NavYug India, 2015	Drying	For drying glasswares etc.	School of Pharmacy
4	Vacuum Pump	Tarsan, 2015	Drying	Used with rotatory evaporator to create vacuum	School of Pharmacy
6	Triple distillation assembly	D.K Scientific Industry, 2015	Water purification	For distilled water	School of Pharmacy
7	UV-visible double beam spectrophometer	Systonic, 2017	Testing	For analysis and detection of samples	School of Pharmacy
8	Laminar Air Flow Cabinet	Popular India, 2016	Testing	For contamination free environment.	School of Pharmacy
9	Autoclave	Popular India, 2015	Sterilization	For Moist heat sterilization for glassware	School of Pharmacy
10	UV cabinet for TLC Plate Visualization	D.K Scientific Industry, 2015	Testing	For the visualization after elution	School of Pharmacy
11	Incubator	D.K Scientific Industry, 2015	Incubation	To provide controlled environment for growth of bacterial cultures	School of Pharmacy
12	Deep Freezer	Blue Star, 2015	Freezer	For preservation	School of Pharmacy
14	Colony counter reader	Systonic, 2015	Testing	For the estimation of liquid cultures density of Microorganisms	School of Pharmacy
15	BOD Chamber	Lalita Laboratory Instruments, 2017	Testing	For determination of relative oxygen requirements of microbes in effluents.	School of Pharmacy
16	Polarimeter	D.K Scientific Industry, 2015	Testing	For measuring the optical Activity exhibited by chemical compounds	School of Pharmacy
17	Infrared Moisture Balance	Popular India	Testing	For the detection of moisture level in the sample	School of Pharmacy
18	Deionizer	D.K Scientific Industry	Purification	For the removal of mineral salts from water.	School of Pharmacy
19	Digital pH meters	AI-102,S-902	Testing	For the measurement the Hydrogen-ion activity in the solution	School of Pharmacy

20	Digital Balance	PGB-600, PGB-200	Weighing	To weigh the samples	School of Pharmacy
21	Potentiometer	Labtronics/LT-32	Testing	For the measurement of electrical potential of any given sample	School of Pharmacy
22	Refractometer	D.K Scientific Industry, 2015	Testing	For the measurement of refractive index of any sample	School of Pharmacy
23	Brookfield Viscometer	Labman Scientific Instruments/LMDV-100	Testing	Rheological Instrument used to conduct detailed analysis of various fluids	School of Pharmacy
24	Magnetic stirrer with hot plate	Popular, 2015	Synthesis	used in the synthesis	School of Pharmacy
25	Rotary vacuum Evaporator	Popular India	Evaporation	For the separation of high boiling point liquids mixtures	School of Pharmacy
26	Antibiotic Zone Reader	D.K Scientific Industry, 2015	Testing	For testing of antibiotic potency	School of Pharmacy