




INSTRUMENTATION FACILITY

DEPARTMENT OF NANOTECHNOLOGY

UNIVERSITY OF KASHMIR





PG Laboratory						
S. No.	Instrument	Model & make	Year of Installation	Funding Agency	Status	Location/Physical Appearance of the Instrument
1.	Spin Coater	Spin NXGP4A Apex	2019	University Grant	Functional	
2.	Hot Air Oven	REMI	2016	University Grant	Functional	
3.	-86 Degree Deep Freezer	Thermo	2019	University Grant	Functional	

4.	UV-Visible Spectrometer	Shimadzu 1900	2019	University Grant	Functional	
5.	RotaEvaporator With Chiller	RV8/M3ci	2019	University Grant	Functional	
6.	Muffle Furnace	SM Scientific	2019	University Grant	Functional	
7.	Benchtop Refrigerated Centrifuge	ThermoScientific Megafuge 8R	2019	University Grant	Functional	




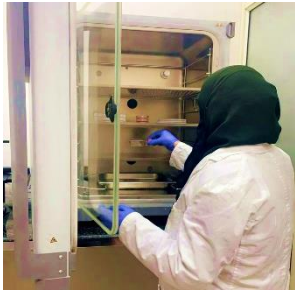
8.	Homogenizer	IKA	2019	University Grant	Functional	
9.	Ultrasonic Processor	Cole palmer CV188	2019	University Grant	Functional	
10.	Quartz Distillation	Scienocraft	2019	University Grant	Functional	
11.	Centrifuge	REMI	2019	University Grant	Functional	





12.	Cryocan	Cryocan	2019	University Grant	Functional	
13.	Autoclave	Scienocraft	2019	University Grant	Functional	
14.	Viscometer	Systonic	2016	University Grant	Functional	
15.	Ph Meter	Hanna	2016	University Grant	Functional	




Multifunctional Nanostructures Laboratory (MNL)
Principal Investigator: Dr. Shafquat Majeed





16.	PI Spectrometer	Agilent Cary Eclipse-9800 Fluorescence Spectrometer (Agilent)	2018	DST SERB	Functional	
17.	UV-Visible Spectrometer	Shimadzu 1800	2018	UGC-BSR	Functional	
18.	Microwave Synthesizer	Monowave 200 (Anton Paar)	2018	DST SERB	Functional	
19.	Hot Air Oven	REMI RDHO50	2018	DST SERB	Functional	

**Cellular Signalling & Nanotherapeutics Laboratory (CSNL)
Principal Investigator: Dr. Mushtaq A. Beigh**



20.	Inverted Microscope	Olympus, Japan. Cx43	2018	DST SERB	Functional	
21.	Refrigerated Shaking Incubator	Crystal, USA. 17W	2024	DBT	Functional	
22.	Chemi-Doc Station	GE (LAS 500)	2019	CSIR	Functional	
23.	CO ₂ Incubator	Eppendorf 170S	2018	DST SERB	Functional	

24.	Laminar Flow Hood (Biosafety Cabinet)	Esco	2019	CSIR	Functional	
25.	Refrigerated Centrifuge	Centurion UK R42R	2018	UGC-BSR	Functional	
26.	Microplate Spectrophotometer	EPOCH BioTek, USA	2019	CSIR	Functional	
<p>Nanostructured and Biomimetic Laboratory (NABL) Principal Investigator: Dr. Faheem Arjamend</p>						
27.	Tensile Tester	Labthink Xlw Auto Tensile Tester	2022	UGC-BSR	Functional	


28.	3D - Printer	Mekuva Technologies Akar 200 Mekuva	2023	UGC-BSR	Functional	
29.	Freeze Dryer	Roch Mechatronics Lyophilizer Fd-50	2023	UGC-BSR	Functional	
30.	Fume Hood	Niya Labs Chemical Fume Hood	2021	University	Functional	
31.	Laminar Air Flow	Protech Air Systems Laminar Air Flow	2022	CSIR	Functional	

32.	Viscometer	AMETEK Brookfield DVE Digital Viscometer	2022	CSIR	Functional	
33.	UV-Visible Spectrometer	Shimadzu Cooperation, UV-1900i	2022	CSIR	Functional	
34.	Muffle Furnace	LABOTECH Muffle Furnace BDI-72	2024	CSIR	Functional	
35.	Electrospinning	Royal ENTERPRISES Royal Electrospinner HD-30	2018	Nanomission	Functional	

**Regenerative Medicine and Nanotherapeutics Laboratory (RMNL)
Principal Investigator: Dr. Tariq Maqbool**

36.	Imaging Microscope with camera	Leica 9i	2018	UGC	Functional	
37.	Refrigerated Incubator	Thermo Scientific IMP80	2018	UGC	Functional	

**Nanomedicine and Therapeutics Laboratory (NTL)
Principal Investigator: Dr. Rabia Hamid**

38.	CO ₂ Incubator	Forma Stericult Thermo Scientific USA	2015	DBT Biocare	Functional	
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39.	ELISA Plate Reader	Multiskan FC wo/lnc Thermo Fischer 2014	2015	DBT BioCare	Functional	
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