

INSTRUMENTS UNDER CENTRAL FACILITY & USIC

Room No.	Name of Instruments	Incharge	Email	Contact No.
101	a) 500 MHz NMR b) 400 MHz NMR Spectrometer	Dr. Tejwant Singh Dr. Prabhpreet Singh	tejwantsinghkang@gmail.com prabhpreet.chem@gndu.ac.in	7508500017 8427101534
102	a) Field Emission Scanning Electron Microscope (FESEM) b) Atomic Force Microscope (AFM)	Dr. Anupinder Singh	anupinders@gmail.com	9988191852
103	Confocal Microscope	Dr. Satwinderjeet Kaur	satwinderjeet.botenv@gndu.ac.in	8283808508
104	Scanning Electron Microscope (Biological)	Dr. Palwinder Singh	palwinder_singh_2000@yahoo.com	9876062406
105	High Resolution Mass Spectrometer	Dr. Tejwant Singh Dr. Prabhpreet Singh	tejwantsinghkang@gmail.com prabhpreet.chem@gndu.ac.in	7508500017 8427101534
106	Raman Spectroscope	Dr. Atul Khanna	atul.phy@gndu.ac.in	7973668032
107	a) Pulsed Laser Deposition (PLD) b) LC-MS	Dr. Anupinder Singh Dr. Jatinderveer Singh	anupinders@gmail.com jatinderpharma.rsh@gndu.ac.in	9988191852 8427788388
108	X-Ray Diffractometer	Dr. Atul Khanna	atul.phy@gndu.ac.in	7973668032
109	Vibrating Sample Magnetometer	Dr. Tejwant Singh Dr. Anupinder Singh	tejwantsinghkang@gmail.com anupinders@gmail.com	7508500017 9988191852
112	High Resolution Transmission Electron Microscopy (HRTEM)	Dr. Anupinder Singh Dr. Tejwant Singh	anupinders@gmail.com tejwantsinghkang@gmail.com	9988191852 7508500017

201	a) UV- Spectrophotometer b) Flash Chromatography	Dr. Palwinder Singh	palwinder_singh_2000@yahoo.com	9876062406
	c) Ion Chromatography	Dr. M.S. Bhatti	mbhatti.dobes@gndu.ac.in	9417107598
203	a) Capillary DNA Sequencer (AB3500xL Genetic Analyzer)	Dr. Kamlesh Guleria	kamlesh.human@gndu.ac.in	9815948779
	b) Next Generation Sequencer	Dr. Sanjana Mehrotra	sanjan.human@gndu.ac.in	7508269887
	c) PCR	Dr. Vanita	vanita.human@gndu.ac.in	9872694099
	d) Vacuum Concentrator	Dr. Manpreet Kaur	dr.manpreetdhuna@gmail.com	9888475886
204	ICP- MS	Dr. A.P. Vig Dr. Rajinder Kaur Dr. Mayank Dwivedi	adarsh.botenv@gndu.ac.in rajinder.botenv@gndu.ac.in mayank.bot@gndu.ac.in	9873651058
205	a) UV-VIS-NIR Spectrometer	Dr. Ritu Bala	rituhatta@yahoo.com	8872203609
	b) Surface Area and Porosity Analyzer	Dr. Tejwant Singh	tejwantsinghkang@gmail.com	7508500017
	c) Differential Light Scattering	Dr. Tejwant Singh		
	d) Vector Analyzer (Electronics)	Dr. Pawandeep Kaur	pawandeep.elec@gndu.ac.in	9501013384
208	a). Amino Acid Analyzer	Dr. Astha Bhatia	asthabhatia66@gmail.com	8198888320
	b) Ultra HPLC	Dr. Rajinder Kaur	rajinder.botenv@gndu.ac.in	9814860975

	b) LC-MS d) Semi preparative HPLC e) Ultra Centrifuge f) Density and Sound meter g) Isothermal Titration Calorimeter	Dr. Pooja Chadha HOD, Mol.Bio. and Biochemistry Dr. Tejwant Singh	poojachadha77@yahoo.co.in tejwantsinghkang@gmail.com	9417312861 7508500017
303	a) Physical Vapor Deposition (HHV) b) Ellipsometer c) Semiconductor Characterization System (Keithley 4220 SCS)	Dr. Aman Mahajan	aman.phy@gndu.ac.in	9417932547
304	MP- AES	Dr. Rajinder Kaur	rajinder.botenv@gndu.ac.in	9417312861
305	a) Atomic absorption spectrometer b) Leica cytovision GSL10 system	Dr. Jatinder Kaur Dr. Vasudha Sambyal	jatinder.botenv@gndu.ac.in vasudhasambyal@yahoo.co.in	9501012458 9569555331
401	FTIR Spectrophotometer	Dr. Satwinderjeet Kaur	satwinderjeet.botenv@gndu.ac.in	8283808508
403	WORKSTATION (Gel dock, Reader, Gel Rocker, Cyclomixer)	Dr. PK Patti Dr. Navdeep Kaur	pkpati@yahoo.com	9915091910

404	a) Zetasizer b) HPLC c) Rheometer d) Spray Dryers of Accessories e) Texture Analyzer	Dr. Subheet Jain	subhjeetjain@rediffmail.com	9815899705
405	a) Total Antioxidant Capacity Analyzer b) Flow Cytometer c) Real time PCR d) CHNS-O-Analyzer	Dr. Astha Bhatia Dr. Satwinderjeet Kaur Dr. Gagandeep Gahley Dr. Arvinder Kaur	asthabhatia66@gmail.com satwinderjeet.botenv@gndu.ac.in gagandeepgahlay@gndu.ac.in arvinder.zoology@gndu.ac.in	8198888320 8283808508 9878755211 9988803135
408	a) BOD incubator cum shaker b) Microwave digester c) Hot air oven b) Ultra micro tom e) Multimate Elisa Reader f) Micro tom g) Rions Lab Water System RO-DI h) -80 deep freezer i) UV Visible Spectorophotometer j) Elisa plate reader	Dr. A.P. Vig Dr. Rajinder Kaur Dr. Subheet Jain	adarsh.botenv@gndu.ac.in rajinder.botenv@gndu.ac.in subhjeetjain@rediffmail.com	9417062796 9417312861 9815899705