

List of Facilities @ Centre for Nanoscience and Nanotechnology

Generic Name of Equipment	Model, Make & year of purchase
Field Emission Scanning Electron Microscope (FESEM) with EDX	CARL ZEISS Sigma & OXFORD, 2010
Bench top SEM Sputter Coater	Scan coat Six-HHV,2017
Atomic Force Microscope (AFM)/Scanning Tunneling Microscope (STM)	AGILENT 5550,2009
Low Temperature Photoluminescence @ $\lambda=325$ nm	HORIBA 1K3302R- D &CCS-100/202,2010
Raman Spectrophotometer @ 523 @ 633 nm	RENINSHAW INVIA ,2018
Dynamic Light Scattering (DLS)	MALVERN - ZS90 Nano & HORIBA,2018
Electroluminescence set-up/ I-V measurement set-up	USB 200 + RAD & KEITHLEY 2400,2011
Portable IV Probe Station	PE 4,2013
Solar Simulator with IV- PV set-up	LCS-100 & ORIEL NEWPORT,2015
Potentiostat / Cyclic Voltammetry	BIOLOGIC SP 150,2017
Gas Chromatography	SHIMADZU GC-2014,2017
Xenon Lamp Source- 300 W	ORIEL OPS-A500,2017
Dual Source RF/ DC Magnetron Sputtering Unit with Chiller	HHV-12"MSPT,2008
Semi-Automatic Hydraulic Pressure	KIMAYA-30 TON,2010
Thermal Evaporation with Glove Box	VACUUM TECHNOLOGIES,2010
Electron Beam Evaporation	SMART COAT 3.0 HHV/Edwards , 2018
Chemical Vapor Deposition (CVD) for Nitride activity	"TECHNICO", 2008
Two Zone Furnace for High Temperature Annealing with Rotary Pump for Evacuation	"TECHNICO", 2010
Chemical Vapor deposition (CVD) with Pressure Monometer and Throttle Valve - III - Nitrides	MTI-OTF - 1200 X -III 3S,2010
Chemical Vapor Deposition (CVD)- Epitaxial Graphene	LABTHERM,2011
Rapid Thermal Annealing (RTA) Furnace	LABTHERM, 2017
Planetary Ball Mill	QM-3SP04,2010
Spin Coating Unit	APEX- SCU-2008C,2009
Rotary Evaporator	LABQUIP,2010
Fume Hood	MODERN LAB,2009