

# Lab Facilities

## **Nano Science and Technology Laboratory:**

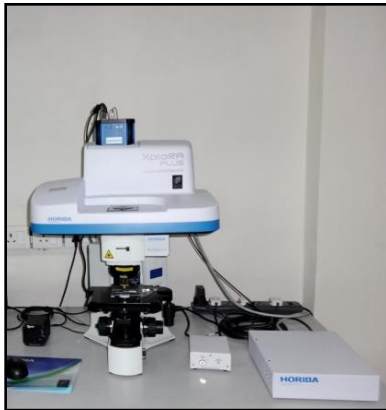
- ✦ Atomic Force Microscope (AFM)
- ✦ X-Ray Diffractometer (XRD)
- ✦ UV-VIS-NIR Spectrophotometer
- ✦ Micro-Raman Spectrometer
- ✦ Surface Area Analyzer
- ✦ RF/DC Magnetron Sputtering system
- ✦ Thermal Evaporator
- ✦ High Temperature Furnace
- ✦ High Speed Centrifuge

## **Technology Resource Centre:**

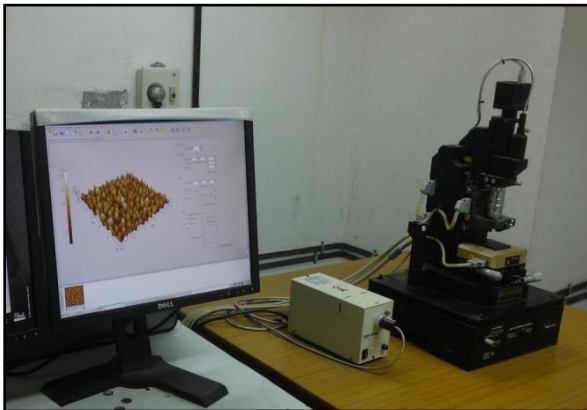
- ✦ Scanning Electron Microscope (SEM)
- ✦ Nuclear Magnetic Resonance Spectroscopy (NMR)
- ✦ Differential Scanning Calorimeter (DSC)
- ✦ Dynamic Light Scattering set up (DLS)
- ✦ UV-Visible Spectrophotometer
- ✦ Fourier Transform Infra-Red Spectrometer (FTIR)
- ✦ High Performance Liquid Chromatography (HPLC)
- ✦ Dynamic Mechanical Thermal Analyzer (DMTA)
- ✦ Gas Chromatography (GC)
- ✦ Viscometer



**X-Ray Diffractometer**



**Raman Microscope**



**Atomic Force Microscope**



**Dynamic Light scattering  
(Malvern Nano-S)**



**SEM**



**NMR**