Facilities Available

Electron Microscopy
ThermoFisher Scientific Apreo 2 Field Emission Scanning Electron Microscope (FE-SEM)

Atomic Force Microscopy
Bruker Bioscope Resolve Bio AFM with Nanoscope V controller
Digital Instruments Multimode AFM with Nanoscope III controller

Confocal Microscopy
Zeiss LSM 900 system equipped with Axio Observer 7 inverted microscope

Thermal Analysis
TA Instruments TGA Q500 for Thermogravimetric Analysis
TA Instruments DSC Q2000 for Differential Scanning Calorimetry

Surface Area and Pore Size Analysis
Coulter SA3100 Surface Area and Pore Size Analyzer

Elemental Analysis
ICP-AES, Vista Inductively Coupled Plasma Atomic Emission Spectrometer
EDS, Energy-Dispersive X-ray Spectroscopy using 30mm² detector in Apreo 2 SEM

Liquid Chromatography-Mass Spectrometry
ThermoFisher Scientific TSQ Altis Triple Quad Mass Spectrometer equipped with Vanquish binary pump and Triplus autosampler