

Major Research Facilities at IISER Kolkata



CHN Analyzer



Digital Polarimeter (Rudolph)



Electron paramagnetic resonance spectrometer (EPR)



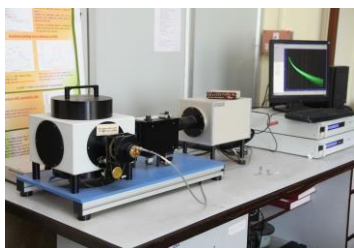
Matrix-Assisted Laser Desorption Ionization (MALDI)



Differential scanning calorimeter (DSC)



FIELD EMISSION SCANNING ELECTRON MICROSCOPY (FESEM)



Fluorescence-lifetime imaging microscopy (FLIM)



Fluorescence spectrometer



Gel Permeation Chromatograph, GPC (Waters)



High Performance Liquid Chromatograph, HPLC (Waters)



LC-MS (Waters)



Micro-calorimeter (GE)

Major Research Facilities at IISER Kolkata



NMR Spectrometer



NMR Spectrometer



RHEOMETER



Surface area and Porosity analyzer



Single crystal X-ray diffractometer



Powder X-ray diffraction



Thermo Gravimetric Analysis (TGA)



UV-Vis-NIR spectrometer, Cary



Single crystal X-ray diffractometer(SXRD)



Dynamic Light Scattering, DLS (Malvern)



Electrochemical set-up



ELECTRON SPRAY IONIZATION MASS SPECTROSCOPY(ESI-MS)

Major Research Facilities at IISER Kolkata



Stable Isotope Ratio Mass Spectrometer



GC-TC



Elemental Analyzer



MC-ICPMS



GC-MS-MS



Central imaging facility