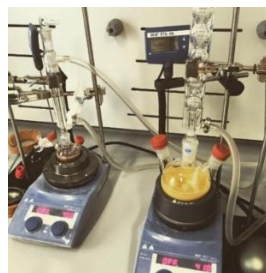


State of the Art Instrument Facilities at the Department of Chemistry, NIT Manipur



Buchi Rotavapor with vacuum pump & Chiller (BUCHI-23011V01112)



Synthesis Lab



High Speed refrigerated centrifuge machine with stabilizer (REMI)



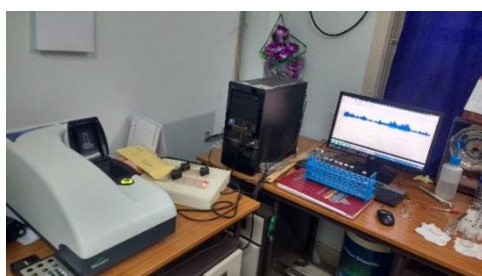
Florescence Spectrophotometer (Hitachi, F-7000)



FT-IR Spectrophotometer (Perkin Elmer Spectrum-2)



Thermo Gravimetric Analyse/DTA (Perkin Elmer)



DLS with zeta Potential ZETASIZER (Malvern ZETASIZER nanoZS90)



Powder-X-Ray Diffractometer (CIF) (Bruker)



FIRE view gel documentation system with accessories (MLSPL)



De-ionise Water Purification System (Thermofisher, 6 litres/hr)



High performance Liquid Chromatography system with accessories (Thermofisher-Scientific)



Double Beam UV-Visible Spectrophotometer with Peltier Temperature Control System from 0-100C (Perkin Elmer lambda-35)



High Temperature Furnace upto 1600 °C (Nabertherm)

Others

- pH Meter
- Conductivity meter
- Deep freezer
- Fridge
- Ice making machine
- Viscometer
- N₂ Cylinders
- Hydraulic press
- Vortex
- Magnetic stirrer & Hot plate
- Sonicator
- Hot-water bath

Software

- Gaussian 09, Ligand Scout, Chemdraw 15
- Rexys site license along with medicinal chemistry module, DATA Base system from Elsevier

For any query please contact to
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