

## SOME OF THE LABORATORY INSTRUMENTS

No.	Instrument	Type
1	X Ray Diffraction (XRD)	Rigaku Miniflex 600 Benchtop
2	Surface Area and Porosity Analyser	Micrometics ASAP 2020
3	Voltammetry eDAQ	ED 410
4	Potentiometry	Orion Model 710A+
5	Particle Size Analyser (PSA)	Microtrac Nanotrac Wavell
6	Atomic Absorption Spectrometry (AAS)	AA-700 Shimadzu
7	UV-VIS-NIR Spectrophotometer	3600 plus, Shimadzu
8	Spectrophotometer UV-VIS	2450, Shimadzu
9	Spectronic	20 and 200
10	Rotavapor	R-215



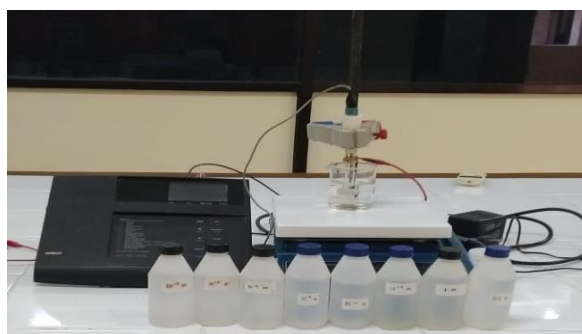
X-Ray Diffraction (XRD)-Rigaku Miniflex 600 Benchtop



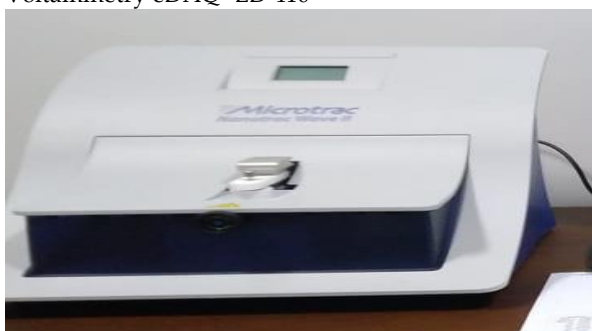
Surface Area and Porosity Analyser- Micrometrics ASAP 2020



Voltammetry eDAQ- ED 410



Potentiometry-Orion Model 710A+



Particle Size Analyser (PSA)- Microtrac Nanotrac Wavell



Atomic Absorption Spectrometry (AAS)- AA-700 Shimadzu



Figure 2.9 UV-VIS-NIR Spectrophotometer-3600 plus, Shimadzu



Figure 2.10 Spectrophotometer UV-VIS-2450, Shimadzu



Figure 2.11 Spectronic-20



Figure 2.12 Spectronic-200



Figure 2.13. Rotavapor R-215