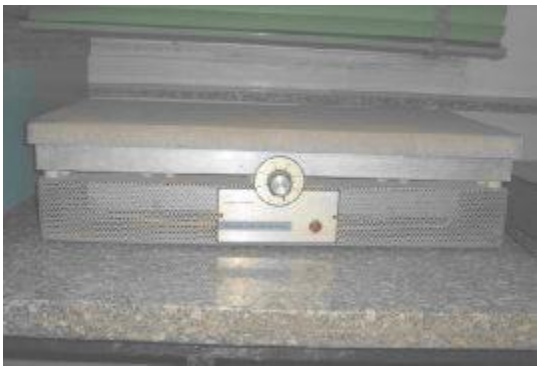
Department of Biochemistry

Chemical Studies Lab.

Name of the Equipment	Function
Dry Oven **Model: Heraeus Oven**	**Drying of glassware and incubation of samples at certain temperatures**
	

Top Balance **Model: Sartorious 1106**	**Weighing of lab animals**
	
Electric Analytical Balance **Model: Sartorious 2001 MP2**	**Weighing chemicals**
	
Hot Plate	**Heating samples for dissolving chemicals to prepare chemical solutions**
	

Centrifuge **Model: Minifuge2 & Labofuge1**	**Separation of samples**
	
Gama Counter **Model: Mini assay,type 6-20**	**Measurement of gamma radiations**
	
Double water still **Model: REL-5**	**Preparation of double distilled water**
	

Cooling Centrifuge **Model:Zentrifugen EBA-12 R**	**Centrifugation and separation of samples at low temp -10**
	
Spectronic 21 **Model: Baush & Lamb**	**Measurment of absorbance**
	
Warburg Appartus **Model: 13-position circular model**	**Measurement of enzymatic activity**
	

Water Bath **Model: Model-YCM-035**	**To keep samples at certain tempratures**
	
Flame Photometer **Model: Jenway-PFP7**	**Quantitative estimation of elements**
	
Homogenizer **Model: MSE- 775505**	**Homogenization of tissues**
	

Analytical Balance **Model: Sartorious 2405**	**Weighing of chemicals**
	
PH meter **Model: Sartorious**	**Measrument of pH of solutions**
	
Electrophoresis **Model: Cleaver CS 300V**	**Separation of proteins and amino acids**
	

Bio Doc Imaging System **Model: 3UV Transilluminator**	**Imaging of separated proteins**
	
Blotters **Model: ECL Semi - dry Blotters**	**Transfer of proteins to membranes**
	
Micrplate Reader **Model: Universal Microplate Reader ELX-800**	**Measurement of the conc of some chemicals**
	

Microplate Reader **Model: STAT FAX-2100**	**Measurement of the conc of some chemicals**
	
Automatic Water still **Model: G.F.L**	**Water distillation**
	
Centrifuge **Model:Hettich Universal 320**	**Separation of samples**
	

Spectrophotometer **Model: Unico 1200**	**Measuring the conc of different chemical solutions**
	
Chromatography **Model: Waters**	**Separation of samples from mixtures and determination of the conc**