

### List of Instruments and Equipment

S. No.	Equipment
1	Digital electronic balance (CA-233)
2	Twin Trough Chamber (CAMAG cat no. 022, 5155), Dip Tank with lid (CAMAG Cat no. 022, 6628).
3	CAMAG High Tech UV cabinet (CAMAG Cat no. 022, 9070)
4	Computer (Intel core I5 processor)
5	Labomed Trinocular research Microscope (LX 300) + Motic Digital Camera (Moticar 480)
6	Digital colorimeter-Systronic (C112)
7	Laminar Air Flow Cabinet (HM-1)
8	UV-VIS Spectrophotometer
9	Electrogravimetry apparatus from abrolins electrolyzers
10	Veego digital Karl-Fischer
11	Platinum 10% wire gauze electrode
12	Digital flame photometer with Na & K
13	Shimadzu digital electronic balance internal calibration model – aux-220 cap: 220 g acc: 0.1 mg
14	Systronics digital flame photometer model: 130 with Na, K, Ca, Li filter & compressor
15	Veego melting point apparatus model VMP –D
16	Bacteriological incubator Temperature control
17	Midi-vertical Gel Electrophoresis Set
18	Variable type power pack
19	Rotary senior microtome
20	Light trinocular research microscope with LCD camera
21	Dakshin Ultrasonicator Bath
22	Agarose Gel Electrophoresis system Large 10*15 15 well
23	Agarose Gel Electrophoresis system Single student unit with 4 wells Rs. 8000
24	Power Pack for 500v 200mAmp
25	Vertical 24*16 20 well
26	Thermo Scientific Finpipette Multichannel pipettes
27	Neolab Peristaltic pumps
28	Michelson interferometer with gas chamber and diode laser unit

29	Collimating stand with linear slides
30	Diffraction grating 100/300/600 lines/inch
31	Total internal reflection equipment with rotating table
32	Hologram – transmission type
33	Optic fiber losses set up with holder for fiber and mounting
34	LVDT Kit
35	Modified Microwave oven
36	Resistivity by four probe method Nvis make
37	Magnetic stirrer with hot plate
38	Ultrasonic interferometer mittle make
39	Diffraction grating 15000 LPI
40	Muffle furnace 1160 C
41	Milikons Oil drop method
42	Hall effect apparatus mark CSD make
43	Microcontroller 805 Anshuman Model XPO51
44	PIC programmer development board (UET 01) with PIGGYABACK 16F877A
45	Main development board (UET 01) with PIGGYABACK ARM LPC2148
46	DC motor control study card
47	AD/DA Temp control study card Anshuman make
48	Traffic light with elevator module
49	Hydrogen, Neon, Helium and Mercury discharge tube with power supply
50	Poisulus method
51	pH Meter and conductivity meter Elico
52	LCRQ Meter
53	Analyser and Polariser
54	TK base logic analyzer hosted/upgraded universal trainer/development system daughter board for EPGA 3S400
55	Trinocular microscope with image grabber
56	Computer system with required software's
57	Haemocyto & Hglobinometer
58	Refrigerated centrifuge with rotor
59	Mixer Grinder
60	Microtome
61	Horizontal & vertical gel electrophoresis apparatus with trans illuminator
62	Colony counter

