

## Annexure - 4

## Department of Zoology

S. No.	Equipment	Specification	Quantity
1	Autoclave	Volume 8 L, Automatic Pressure switch, pressure is adjustable from 5 to 20 psi± 1 psi	1
2	Distillation unit	Quartz double distillation system, Distilled water output capacity 5 lt./hr	1
3	Laminar Air Flow	Horizontal laminar flow cabinet, HEPA Efficiency Pre-filter, Particle retention - 0.3 micron	1
4	UV-visible spectrophotometer	Single beam UV-visible spectrophotometer, Tungsten or deuterium or Xenon flash lamp, silicon photodiode detector	1
5	Gas burners	1 unit with control regulator	5
6	Spirit Lamp	Spirit lamp with 100 ml capacity	10
7	Electronic Balance (mg)	Readability: 1 mg to Max Capacity: 220 g	1
8	Water Bath	Temperature 100 °C, Precision temperature control within ± 0.1°C and reciprocal shaking motion from 20 ~ 120 rpm	1
9	Centrifuge (Temperature control)	Max. Speed 20,000 rpm, lowest temp. -8.0 °C, max RCF 37570, rotors 1.5ml, 2ml, 50ml	1
10	Digital Microtome (L- piece -10), Yorco/Biocraft/Elite	Feed adjustment 0.5 to 50 micron, minimum thickness 0.5 micron, knife with honing stone, disposable blade holder	1
11	Newber's Chamber (Haemocytometer)	Hemocytometer supplied with two cover slips	1
12	Refrigerator	Double door refrigerator, 234 liter	1
13	Shaker incubator	Temp. accuracy ±0.2 °C Display 0.1°C Shaker orbit/speed 20 to 300 rpm. Chamber volume 2.5 cu. ft./71 liters	1
14	Rocker	Speed range 5 to 100 rpm, load bearing capacity 5 kg, rocking angle 7° to 13°. Display digital timer	1
15	Dissecting Microscope	Binocular vision, 15 watt halogen top light and 5 watt fluorescent bottom light. Head rotates 360 degrees. Zoom magnification range of 10x-40x	10
16	Deep Freezer (-20°C)	Twin door, 500 ml capacity	1
17	Light Microscope with camera	Light microscope 4X, 10X, 40X, 100X magnification with DS-Fi1 5 mega pixel digital camera CCTV Lens	1
18	Gel Apparatus	i) Vertical: Mini Gel System duel model with	1



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	(Horizontal & Vertical)	<p>7 well comb and 0.5, 1.0 and 1.5 mm Teflon spacer and Glass plate : Notched and Rectangular 2 sets</p> <p>ii) Horizontal: Mini Submarine Electrophoresis Systems. Inner tank dimension : 190 x 80 x 55 mm. With 8 Well Analytical Acrylic Comb 1.5 mm thick, 3 Well Preparative Acrylic Comb 3 mm thick and gel casting tray</p> <p>iii) Mini protein transfer apparatus</p> <p>iv) Mini DNA/RNA transfer apparatus</p>	



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