

**REQUISITION FOR THE DEPARTMENT OF MICROBIOLOGY**

**CBCS**

**FINANCIAL YEAR: 2018-19**

1) EQUIPMENT

SL.NO.	NAME OF THE EQUIPMENT	SPECIFICATION	QUANTITY
1.	Western Blot apparatus with wet transfer unit	Dimension 15 cm x 11.5 cm x 12 cm Buffer vol: 650 ml Gel Holder Casette: Two Gel size: 8x7 cm Fibre pad: 12 Cooling unit : mini: one Buffer chamber with safety lid: one Instruction manual: one	1 No
2.	Dancing shaker	Tarson Catalogue No. 3040 Speed adjustable from 0 to 60 rpm	1 No
3.	Dry bath		1 No
4.	Horizontal gel apparatus	Branded company	1
5.	Spectrophotometer	Systronics 105	1
6.	Distillation Unit	Branded company	1
7.	Membrane filtration Unit	Branded company	1
8.	Desiccators of 1 ft diameter	Branded company	1

**Contingency**

1. Fungal Strains- *Penicillium* sp. , *Aspergillus* sp. , *Rhizopus* sp. , *Trichoderma* sp., Baker's Yeast

2. Bacterial Strains- *E. coli* DH5 $\alpha$ , *Bacillus* sp., *Pseudomonas* sp., *Klebsiella* sp., *Lactobacillus* sp., *Staphylococcus* sp., *Rhizobium* sp.

3. Permanent slides of different stages of Mitosis and Meiosis

4. Permanent slide of endospore, capsule and acid fast stain

5. Permanent slide of Lampbrush chromosome and Polytene chromosome

6. Permanent slide of *Penicillium* sp. , *Aspergillus* sp. , *Rhizopus* sp.

7. Wooden replicator -4 inch diameter

8. Velvet cloth- 1 metre

9. Cork Borer- 2 sets

10. Non absorbent cotton- 24 roll

11. Brown paper- 2 dista

12. Absorbent cotton – 10 roll

13. Tissue paper roll- 24 Nos

14. Rubber band- 3 kg

15. Spatula- 1 set

16. Spirit lamp – 6 Nos

17. Inoculating loop- 12 pc