

## **LIST OF EQUIPMENT REQUIRED IN BSc MICROBIOLOGY LAB**

1. Colorimeter
2. Spectrophotometer
3. PH Meter
4. Light Microscope
5. Water bath (Thermostatic and Ordinary)
6. Refrigerator
7. Electronic Balance
8. Single Distillation Unit
9. Electrophoresis Apparatus- Agarose gel Electrophoresis
10. Centrifuge
11. Micropipettes
12. Hot air Oven
13. Cyclomixer
14. Bacteriological Incubator
15. Laminar air flow
16. Auto clave
17. Colony Counter
18. Magnetic Stirrer & Pellet
19. UV transilluminator

## **LIST OF EQUIPMENT REQUIRED IN MSc MICROBIOLOGY LAB**

1. Colorimeter
2. Spectrophotometer
3. PH Meter
4. Light Microscope

5. Water bath (Thermostatic and Ordinary)
6. Refrigerator
7. Electronic Balance
8. Double Distillation Unit
9. Electrophoresis Apparatus- (SDS PAGE and Agarose gel Electrophoresis)
10. Centrifuge
11. Micropipettes (Variable volumes, 100- 1000 $\mu$ l)
12. Hot air Oven
13. Cyclomixer
14. Bacteriological Incubator
15. Laminar air flow
16. Incubator Shaker
17. Autoclave
18. Micro centrifuge
19. Homogenizer
20. Colony Counter
21. Magnetic Stirrer & Pellet
22. BOD Incubator
23. PCR machine (0.125- 2.5  $\mu$ l)
24. UV/ Visible spectrophotometer
25. UV transilluminator
26. Growth chambers (illumination, moisture and temperature control )