

LIST OF EQUIPMENT REQUIRED IN BSc BIOCHEMISTRY LAB

1. Colorimeter
2. Spectrophotometer
3. PH Meter
4. Light Microscope
5. Water bath (Thermostatic & Boiling)
6. Refrigerator
7. Electronic Balance
8. Distillation Unit (Single)
9. Electrophoresis Apparatus
10. Centrifuge
11. Hot air Oven
12. Chromatography units (Paper and TLC)

LIST OF EQUIPMENT REQUIRED IN MSc BIOCHEMISTRY LAB Essential Equipment

1. Electronic Balance
2. Double Distillation Unit
3. Colorimeter
4. UV Visible Spectrophotometer
5. pH Meter
6. Electrophoresis Apparatus
7. UV trans illuminator
8. Centrifuge
9. Micropipette (100-1000 μ l)

10. Hot air Oven
11. Magnetic Stirrer
12. TLC unit
13. Paper Chromatography apparatus
14. Light Microscope
15. Water bath (Thermostatic & Boiling)
16. Refrigerator (with separate freezer)

Desirable equipment

17. PCR machine
18. Deep Freezer (-200C)
19. Column Chromatography apparatus
20. Cold Centrifuge
21. Blender

Central Laboratory Instrumentation Facility (CLIF) with sophisticated instruments are available at Karyavattom campus, University of Kerala. It is open to all students at nominal rates. CLIF is equipped with HPLC, HPTLC, Fluorimeter, GLC, FT-IR, ICP-MS, SEM, and TEM.

Mini S