

Lesson Plan

Name of the Faculty : Seema Sindhu
 Discipline : Medical Lab Technology
 Semester : 4th
 Subject : MLM-I
 Lesson Plan : 15 weeks (From 13th March 2023 to 30 June 2023)
 Workload (lecture/practical) per week (in hours): Lectures-04,

		Theory
Lecture day	Tentative date of lect.	Topic (including assignment test)
1 st		Introduction, Layout, Facility of clinical Laboratory
2 nd		Role of medical laboratory technology in total health care, principles of management,
3 rd		techniques of planning, physical facilities/equipments – layout and design
4 th		Laboratory organization, operation, job description, evaluation, performance
5 th		Layout of clinical laboratories
6 th		Layout of Blood Bank
7 th		Material Required Material management, procurement,
8 th		financial resources, importing, inventory, control and analysis, inspection, storage etc
9 th		Analytical control, Internal and external quality assurance in clinical laboratories,
10 th		precision, accuracy, standard deviation as per national standards
11 th		Safety measures in clinical laboratories \
12 th		Disposal of Biomedical waste.
13 th		First Aid in Clinical Laboratory: (09 hrs) a) Acid burn/Alkali burn
14 th		b) Accidental trauma
15 th		c) Gas/Toxic inhalation d) Spillage
16 th		Medical Ethics
17 th		Laboratory Equipment – Care and Maintenance Preventive maintenance and
18 th		Code of Conduct
19 th		care of various laboratory equipment
20 th		Role of Computer in Lab services
21 st		Storage and retrieval of laboratory data manually and with help of computers
22 nd		Laboratory Accreditation – Introduction
23 rd		Revision

24 th		Revision
25 th		Revision
26 th		Revision
27 th		Revision
28 th		Revision
29 th		Revision
30 th		Revision
31 st		Revision
32 nd		Revision
33 rd		Revision
34 th		Revision
35 th		Revision
36 th		Revision
37 th		Revision
38 th		Revision
39 th		Revision
40 th		Revision
41 st		Revision
42 nd		Revision
43 rd		Revision
44 th		Revision
45 th		Revision

