



# SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011

## Online-Class Lesson Plan

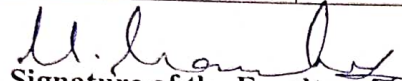
Academic Year 2020-2021 [Odd Semester]

Department: PG and Research Department of Microbiology

Class	:	I M.Sc Microbiology
Semester	:	I
Name of the Faculty	:	Dr. M.Manohar
Title of the Course	:	Quality Assurance in Microbiology
Subject Code	:	18PEMBIA
ICT Tools used	:	
Text books	:	Rajesh Bhatia and Rattan Lal Ichhpujani. 1995. I ed. "Quality assurance in Microbiology"
Reference books	:	L.K.Muherjee Medical Lab Technology – 3 Volumes
e-resources	:	Power point, e-books

Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
13	21.8.2020	10.30 am - 11.20 am	B	I	Introduction of Quality Assurance in Microbiology	21.8.2020	
14	24.8.2020	11.30 am - 12.20 pm	C	I	Good laboratory practices	24.8.2020	
15	25.8.2020	8.30 am - 9.20 am	D	I	Introduction – Management of laboratory hazards	25.8.2020	
16	26.8.2020	8.30 am - 9.20 am	E	I	Management of laboratory hazards	26.8.2020	
17	26.8.2020	10.30 - 11.20 am	E	I	Knowledge in First aid procedures	26.8.2020	
18	26.8.2020	12.30 pm - 1.20 pm	E	I	Bioethics	26.8.2020	
19	31.8.2020	10.30 am - 11.20 am	B	I	Socio ethical aspects of microbial biotechnology	31.8.2020	
20	1.9.2020	11.30 am - 12.20 pm	C	II	Introduction of Quality assurance	1.9.2020	

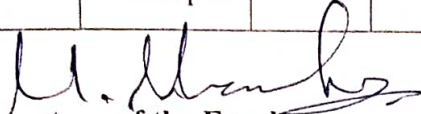
21	2.9.2020	8.30 am - 9.20 am	D	II	Quality assurance	2.9.2020	
22	3.9.2020	8.30 am - 9.20 am	E	II	Introduction and overview of microbiology laboratory	3.9.2020	

  
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
23	3.9.2020	10.30 - 11.20 am	E	II	Designing of microbiology laboratory	3.9.2020	
24	3.9.2020	12.30 pm - 1.20 pm	E	III	Introduction of Quality Control	3.9.2020	
25	7.9.2020	10.30 am - 11.20 am	B	III	Quality Control and its Applications	7.9.2020	
26	8.9.2020	11.30 am - 12.20 pm	C	III	Introduction of Quality assessment	8.9.2020	
27	9.9.2020	8.30 am - 9.20 am	D	III	Quality assessment of Equipment	9.9.2020	
28	10.9.2020	8.30 am - 9.20 am	E	III	Quality assessment of Chemicals	10.9.2020	
29	10.9.2020	10.30 - 11.20 am	E	III	Quality Glass wares	10.9.2020	
30	10.9.2020	12.30 pm - 1.20 pm	E	III	Laboratory environments.	10.9.2020	
31	14.9.2020	10.30 am - 11.20 am	B	III	Variance	14.9.2020	
32	15.9.2020	11.30 am - 12.20 pm	C	III	Quality control calculations	15.9.2020	
33	16.9.2020	8.30 am - 9.20 am	D	III	Quality management	16.9.2020	
34	17.9.2020	8.30 am - 9.20 am	E	III	Maintenance of records and reports	17.9.2020	
35	17.9.2020	10.30 - 11.20 am	E	IV	Quality assessment of microbiological media	17.9.2020	

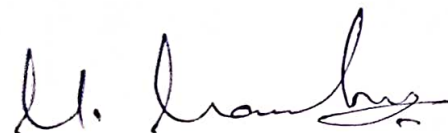
36	17.9.2020	12.30 pm - 1.20 pm	E	IV	Quality assurance in Sterilization	17.9.2020	
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
37	21.9.2020	10.30 am - 11.20 am	B	IV	Quality assurance in Disinfection	21.9.2020	
38	22.9.2020	11.30 am - 12.20 pm	C	IV	Preservation of stock cultures	22.9.2020	
39	23.9.2020	8.30 am - 9.20 am	D	IV	Preservation of media	23.9.2020	
40	24.9.2020	8.30 am - 9.20 am	E	IV	Preservation of diagnostic kits	24.9.2020	
41	24.9.2020	10.30 am - 11.20 am	E	IV	Quality control of media	24.9.2020	
42	24.9.2020	12.30 pm - 1.20 pm	E	IV	Quality control of stains.	24.9.2020	
43	29.9.2020	10.30 am - 11.20 am	B	V	Quality assessment of waste Products	29.9.2020	
44	30.9.2020	11.30 am - 12.20 pm	C	V	Quality assessment of Disposal	30.9.2020	
45	1.10.2020	8.30 am - 9.20 am	D	V	Quality assessment of Decontaminated matters	1.10.2020	
46	3.10.2020	8.30 am - 9.20 am	E	V	Quality assessment of biological effluents.	3.10.2020	
47	3.10.2020	10.30 - 11.20 am	E	V	Quality management in transportations.	3.10.2020	
48	3.10.2020	12.30 pm - 1.20 pm	E	V	Quality management in cultures.	3.10.2020	
49	7.10.2020	10.30 am - 11.20 am	B	V	National control of Biological references	7.10.2020	

50	8.10.2020	11.30 am - 12.20 pm	C	V	National control of standards.	8.10.2020	
51	9.10.2020	8.30 am - 9.20 am	D	V	Microbial quality control	9.10.2020	
52	10.10.2020	8.30 am - 9.20 am	E	V	Microbial quality control	10.10.2020	
53	10.10.2020	10.30 am - 11.20 am	E	V	Microbial quality control of pharmaceutical products.	10.10.2020	
54	10.10.2020	12.30 pm - 1.20 pm	E	V	Microbial quality control of pharmaceutical products.	10.10.2020	
55	14.10.2020	10.30 am - 11.20 am	B	IV	Revision	14.10.2020	
56	15.10.2020	11.30 am - 12.20 pm	C	IV	Revision.	15.10.2020	
57	16.10.2020	8.30 am - 9.20 am	D	V	Revision	16.10.2020	

  
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