

Koyana Education Society Patan
Balasaheb Desai College Patan
Monthly Teaching Plan
Year 2023-24

Department: Microbiology

Month: February

Name of Teacher: Dr. Mrs. Sapkal Manisha Ramchandra

Class: B.Sc. Part - I

Paper No.: III (Bacteriology)

Sr. No.	Date	Theory /Practical	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
1	1	Theory	Preservation of microbial cultures Systematic study of pure cultures:	Sub culturing	Lecture	PPT
2	2	Theory		Overlaying of cultures with mineral oils	Lecture	You tube
3	12	Practical		Storage at low temperature	Practical Demo	Device
4	13	Practical		Lyophilisation	Lecture, Practical Demo	PPT
5	14	Theory		Morphological characteristics.	Lecture	PPT
6	20	Practical		Morphological characteristics	Lecture, Practical Demo	You tube
7	21	Theory		Cultural characteristics:	Practical Demo	PPT
8	22	Theory		Cultural characteristics:	Lecture	You tube
9	23	Theory		Colony characteristics on solid media	Practical Demo	Device

B.Sc. II						
Sr. No.	Date	Theory /Practical	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
1	1	Theory & Practical	Immunology	Antigen :	Lecture	You tube
2	12	Practical		Chemical nature,	Lecture	PPT
3	13	Theory		Types of antigens	Lecture Practical Demo	You tube
4	14	Theory		Factors affecting antigenicity.	Lecture Practical Demo	Device
5	20	Practical		Factors affecting antigenicity	Lecture	PPT
6	21	Theory		Antibody	Lecture	PPT
7	22	Theory		Types of antibodies	Lecture Demo	You tube

B.Sc. III						
Sr. No.	Date	Theory /Practical	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
1	1	Theory	Immunoprophylaxis: Vaccines	Vaccines and Immune Sera	Lecture	
2	2	Theory		Immune Sera	Lecture	PPT
3	4	Theory		Immune Sera	Lecture	You tube
4	12	Theory		Vaccines	Lecture	Device
5	13	Theory		Subunit	Lecture	PPT
6	14	Theory		Inactive	Lecture	PPT
7	17	Theory		live attenuated	Lecture Demo	You tube
8	20	Theory		conjugate	Lecture	You tube
9	21	Theory		conjugate	Lecture	You tube
10	22	Theory		DNA vaccines	Lecture	You tube
11	23	Theory		DNA vaccines	Lecture	You tube
12	24	Theory		Immune Sera- examples with applications	Lecture	You tube

Sapkal

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