

Monthly Teaching Plan

Department: Microbiology

Class: B.Sc. Part - II

Month: August

Paper No. & Name: V- Introduction to Microbiology

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
03/08/23	Unit I	Sterilization, Disinfection	Lecture	PPT
04/08/23	Control of Micro-organism	Antiseptic ,Germicidal	Lecture	
09/08/23		Microbiostasis, Antisepsis	Lecture	PPT
10/08/23		Sanitization	Lecture	
11/08/23	Physical agents	Temperature- dry heat, Moist heat	Lecture	
12/08/23		Desiccation	Lecture	PPT
17/08/23		Osmotic pressure	Lecture	PPT
18/08/23		Radiation – U.V Rays, Gamma rays	Lecture	PPT
19/08/23		Filtration	Lecture	Use of multimedia centre
24/08/23		Asbestos and membrane filter	Lecture	
25/08/23	Chemical agent	Phenol and phenolic compound	Lecture	
30/08/23		Alcohols	Lecture	
31/08/23		Halogen compounds	Lecture	

(Ms. Khushnood P. V.)

gopal
Head
Department of Microbiology
Balasaheb Desai College, Patan
Dist. Satara 415 206

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Department: Microbiology

Class: B.Sc. Part - II

Month: August

Paper No. & Name: V-Microbial physiology and Metabolism

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
01/08/2023		TCA	Lecture	PPT
02/08/2023		Fermentation	Lecture	PPT
03/08/2023		Homolactic fermentation	Lecture	PPT
04/08/2023		Homolactic fermentation	Lecture	PPT
05/08/2023		Application of fermentation	Lecture	PPT
07/08/2023		ETC	Lecture	
08/08/2023		ETC	Lecture	
09/08/2023		Working of ETC	Lecture	PPT
10/08/2023		ATP generation	Lecture	
15/08/2023		Flow of electrons and mechanism	Lecture	
18/08/2023	P-VI Unit- II	Air microbiology	Lecture	
19/08/2023		Source of air	Lecture	
21/08/2023		Droplets nuclei	Lecture	
22/08/2023		Sampling method	Lecture	
23/08/2023		Solid Impaction	Lecture	
24/08/2023		Liquid Impaction	Lecture	

(Mr. Khushboo P. V.)


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Class: B.Sc. Part - III

Month: August

Paper No. & Name: X -Immunology and Serology

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
01/08/2023		Complement	Lecture	
02/08/2023		Classical pathway	Lecture	PPT
03/08/2023		Alternate pathway	Lecture	PPT
04/08/2023		Complement activation	Lecture	
05/08/2023		Monoclonal antibodies	Lecture	
07/08/2023		Polyclonal antibodies	Lecture	
08/08/2023		Hybridoma technology	Lecture	
09/08/2023		Types of monoclonal antibody	Lecture	
10/08/2023		Human Ab	Lecture	
11/08/2023		Application of monoclonal Ab	Lecture	
12/08/2023	Unit- II	Cytokines	Lecture	
14/08/2023		Characteristics of cytokines	Lecture	
17/08/2023		Effects	Lecture	
18/08/2023		Interferon's	Lecture	
19/08/2023		Mechanism of IFN	Lecture	
21/08/2023		Immunoregulators	Lecture	
22/08/2023		Hypersensitivity	Lecture	
23/08/2023		Gell and coombs classification	Lecture	
24/08/2023		Types I Hypersensitivity	Lecture	
25/08/2023		Types I Hypersensitivity	Lecture	

26/08/2023		Types II Hypersensitivity	Lecture	
27/08/2023		Types II Hypersensitivity	Lecture	
28/08/2023		Types III Hypersensitivity	Lecture	
29/08/2023		Types III Hypersensitivity	Lecture	
30/08/2023		Immunological tolerance	Lecture	
31/08/2023		Immunological tolerance	Lecture	


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