

Monthly Teaching Plan

Department: Microbiology

Class: B.Sc. Part - I

Month: September

Paper No. & Name: II Introduction to Microbiology

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
01/09/23	Unit I	Heavy metals, Gaseous agents	Lecture	PPT
07/09/23	Nutritional types	Nutritional types of microorganism	Lecture	
08/09/23		Autotrophs, heterotrophs	Lecture	PPT
09/09/23		Phototrophs, chemotrophs	Lecture	
14/09/23		Photoautotrophs, chemoautotrophs	Lecture	
15/09/23		Photoheterotrophs, chemoheterotrophs	Lecture	PPT
16/09/23	Culture media	Components of media	Lecture	PPT
21/09/23		Natural and synthetic media	Lecture	PPT
22/09/23		Chemically defined media	Lecture	Use of multimedia centre
23/09/23		Complex media	Lecture	
28/09/23		Selective and differential media	Lecture	
29/09/23		Enriched and enrichment media	Lecture	
30/09/23		Cultivation of microorganism	Lecture	

(Mrs. Khushboo P. V.)


Head
 Department of Microbiology
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Class: B.Sc. Part - II

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

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
02/09/2023		Water microbiology	Lecture	You tube
04/09/2023		Indicators	Lecture	You tube
05/09/2023		Source	Lecture	You tube
06/09/2023		Bacteriology analysis	Lecture	You tube
07/09/2023		SPC	Lecture	
08/09/2023		Qualitative analysis	Lecture	
09/09/2023		Quantitative	Lecture	
11/09/2023		MPN	Lecture	PPT
12/09/2023		IMViC	Lecture	
13/09/2023		Municipal water processing	Lecture	
14/08/2023		Diary analysis	Lecture	
15/09/2023		Source	Lecture	
16/09/2023		Composition of milk	Lecture	
18/09/2023		SPC,MBRT	Lecture	PPT
25/09/2023		DMC	Lecture	
26/09/2023		Pasteurization	Lecture	PPT
27/09/2023		LTH	Lecture	
30/09/2023		HTST	Lecture	

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Class: B.Sc. Part - III

Month: September

Paper No. & Name: XI Agricultural microbiology

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
01/09/2023		Nature and termination	Lecture	
02/09/2023		Cellular mechanism	Lecture	
04/09/2023		Termination of tolerance	Lecture	
05/09/2023		Autoimmunity	Lecture	
06/09/2023		Autoimmune disease	Lecture	
07/09/2023		RA	Lecture	
08/09/2023		Treatment	Lecture	
09/09/2023	Unit I Agricultural microbiology	Introduction	Lecture	
11/09/2023		Physical and chemical character of soil	Lecture	
12/09/2023		Types of microorganism	Lecture	
13/09/2023		Interaction	Lecture	
14/09/2023		Elemental cycle	Lecture	
15/09/2023		C,N cycle	Lecture	PPT
16/09/2023		Phosphorus, Manure	Lecture	
18/09/2023		Green manure	Lecture	
25/09/2023		Vermicomposting	Lecture	
26/09/2023		Optimum condition	Lecture	
27/09/2023		City composting	Lecture	You tube
30/09/2023	Unit II	Biofertilizers- Azatobacter	Lecture	

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Head

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(Mrs. Khushboo P. V.)