

## Monthly Teaching Plan

Department: Microbiology


Class: B.Sc. Part - I

Month: November

Paper No. & Name: IV Microbial biochemistry

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
02/11/23	Unit I	General structure of amino acid.	Lecture	PPT
03/11/23	Proteins	Peptides	Lecture	
04/11/23	Types of AA on R groups	Nonpolar, aliphatic AA	Lecture	PPT
09/11/23		Aromatic amino acids	Lecture	
10/11/23		Polar uncharged amino acids	Lecture	
11/11/23		Positively charged amino acids	Lecture	PPT
16/11/23		Negatively charged amino acids	Lecture	PPT
17/11/23		Peptides- properties	Lecture	PPT
18/11/23		Structural level primary, secondary	Lecture	Use of multimedia centre
23/11/23		Tertiary and quaternary	Lecture	
24/11/23	Carbohydrates	Monosaccharide's- aldehydes and ketone	Lecture	
25/11/23		Disaccharides- glycosides bond	Lecture	
30/11/23		polysaccharide	Lecture	

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## Monthly Teaching Plan

Department: Microbiology  
Month: November

Class: B.Sc. Part - II  
Paper No. & Name: IV Microbial genetics

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
24/11/23	Unit I	Forms of DNA	Lecture	
28/11/23		B,Z ,D forms of DNA	Lecture	
29/11/23		Concept of gene, genome, genotype , phenotype, mutagen, recon,muton,cistron	Lecture	
30/11/23		Split gene	Lecture	

  
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## Monthly Teaching Plan

Department: Microbiology


Class: B.Sc. Part - III

Month: November

Paper No. & Name: XIII Microbial Genetics

Date	Unit	Sub Unit	Teaching method	Teaching Aid/ICT Use
25/11/2023	Unit I	Folded fibre Model structure	Lecture	
27/11/2023		Organization	Lecture	PPT
28/11/2023		One citron – One polypeptide hypothesis	Lecture	PPT
29/11/2023		Molecular mechanism of gene	Lecture	
30/11/2023		Concept of Operon	Lecture	

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