

**Koyana Education Society, Patan
BALASAHEB DESAI COLLEGE, PATAN
DEPARTMENT OF BOTANY**

**Academic Year 2024-2025
Monthly Teaching Plan
Semester I**

**Class: B.Sc. I
Biomolecules and Cell Biology**

Dr.M.R.Shinde

**Paper No.: DSC II (Theory)
Month: August**


Date	Theory /Practical	Unit and Subunits	Teaching method and Aids
01/08/2024	T	Proteins :Introduction, Definition , properties and Biological role of proteins	Lecture, Review lesson Teaching Aids Computer LCD PPT YouTube
02/08/2024	T	Proteins :Introduction, Definition	
8/08/2024	T	Proteins :Introduction, Definition , properties and Biological role of proteins	
16/08/2024	T	Proteins :Introduction, Biological role of proteins	
22/08/2024	T	Nucleic Acids : Introduction, Watson and Crick Model of DNA, Types of RNA and Role of Nucleic Acids	
23/08/2024	T	Nucleic Acids : Introduction,	
29/08/2024	T	Nucleic Acids : Watson and Crick Model of DNA ,	
30/08/2024	T	Nucleic Acids : Types of RNA	
28/08/2024	T	Nucleic Acids : Types of RNA	
29/08/2024	T	Nucleic Acids :Role of Nucleic Acids	
08/08/2024	P	Study of Compound and Dissecting Microscope	
22/08/2024	P	Study of T-Phage and TMV virus with the help of Electron micrographs models	
29/08/2024	P	Study of Bacterial Forms	


B.Sc.II

Date	Theory /Practical	Unit and Subunits	Teaching method and Aids
02/08/2024	P	study of types of Frits	Lecture, Review lesson Computer LCD PPT YouTube
5/08/2024	P	Study of types and modification of Roots and Stem	
05/08/2024	T	Variation in Chromosome Number and Structure	
06/08/2024	T	Structure of Chromosome and types of Chromosomes based on Position of Centromere	
07/08/2024	T	Structure of Chromosome and types of Chromosomes based on Position of Centromere	
09/08/2024	P	Study of Typical Flower and types of inflorescence	
12/08/2024	P	Study of Meristems	
12/08/2024	T	Structural Variations: Deletion, Duplication	
13/08/2024	T	Structural Variations: Inversion and Translocation	
14/08/2024	T	Structural of Typical Chromosome	
16/08/2024	P	Study of simple and complex tissue	
19/08/2024	P	Study of Mendel's Law through suitable phenotypic Trait	
19/08/2024	T	Numerical variation : Euploidy	

20/08/2024	T	Numerical variation : Euploidy	
21/08/2024	T	Numerical variation : Anuploidy	
23/08/2024	P	Genetic Example of Linkage	
26/08/2024	P	Genetic Example of Crossing over	
26/08/2024	T	Numerical variation : Anuploidy	
27/08/2024	T	Nucleic Acids: Carriers of Genetic Information	
28/08/2024	T	Nucleic Acids; DNA structure: Watson and Crick's Models	
30/08/2024	P	Study of Mendel's Law through suitable phenotypic Traits	




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प्राचार्य
 बाळासाहेब देसाई कॉलेज, पाटण
 ता. पाटण, जि. सातारा