

Mentor	Damini Ma'am	
Subject/Chapter	Genetics & Plant Breeding/Fundamentals of Genetics	
Lecture Time	4 PM - 5 PM	
Topic Name	Day & Date	Lecture Title
Introduction of Genetics	Monday, Sep 22, 2025	Introduction of Genetics
Terminology	Tuesday, Sep 23, 2025	Terminology
Mendelian Inheritance	Wednesday, Sep 24, 2025	Mendel's Experiment
	Thursday, Sep 25, 2025	Laws of Mendel
Exceptions of Mendel's Concept	Friday, Sep 26, 2025	Exceptions Part 1
	Monday, Sep 29, 2025	Exceptions Part2
	Tuesday, Sep 30, 2025	Gene Interactions Part 1
	Wednesday, Oct 1, 2025	Gene Interactions Part 2
	Friday, Oct 3, 2025	Gene Interactions Part 3
Cell Cycle and Cell Division	Monday, Oct 6, 2025	Cell and its structures
	Tuesday, Oct 7, 2025	Mitosis
	Wednesday, Oct 8, 2025	Meiosis part 1
	Thursday, Oct 9, 2025	Meiosis part 2
Sex Determination	Friday, Oct 10, 2025	Sex Determination part 1
	Monday, Oct 13, 2025	Sex Determination part 2
Crossing Over	Tuesday, Oct 14, 2025	Crossing over- Introduction and mechanisms
Chromosome Aberations	Wednesday, Oct 15, 2025	Introduction and Types of Chromosomes
	Thursday, Oct 16, 2025	Structural Variation
	Friday, Oct 17, 2025	Numerical Variation
Mutation	Monday, Oct 27, 2025	Mutation Part 1
	Tuesday, Oct 28, 2025	Mutation Part2
Genetic Material (DNA and RNA)	Wednesday, Oct 29, 2025	DNA and Its Structure
	Thursday, Oct 30, 2025	Proof For DNA as genetic structure
DNA replication	Friday, Oct 31, 2025	DNA Replication part 1
	Monday, Nov 3, 2025	DNA Replication part 2
RNA	Tuesday, Nov 4, 2025	RNA and its structure
Genetic code	Thursday, Nov 6, 2025	Genetic code
Transcription	Friday, Nov 7, 2025	Transcription part 1
	Monday, Nov 10, 2025	Transcription part 2
Translation	Tuesday, Nov 11, 2025	Translation Part 1
	Wednesday, Nov 12, 2025	Translation Part 2
Gene Regulations	Thursday, Nov 13, 2025	Gene Regulations Part 1
	Friday, Nov 14, 2025	Gene Regulations Part 2