

Study Plan	
Mentor	Damini Ma'am
Lecture Time	03 PM - 04 PM
Date	Subject
	FUNDAMENTALS OF PLANT BREEDING
08-Jun-2026	Introduction to Plant Breeding
10-Jun-2026	Reproduction and Pollination Part 1
12-Jun-2026	Reproduction and Pollination Part 2
15-Jun-2026	Apomixes
17-Jun-2026	Self Incompatibility Part 1
19-Jun-2026	Self Incompatibility Part 2
22-Jun-2026	Male Sterility Part 1
24-Jun-2026	Male Sterility Part 2
26-Jun-2026	Domestication, Acclimatization, Introduction, Centre of Origin/Diversity
29-Jun-2026	Genetic Variation
01-Jul-2026	Hybridization Part 1
03-Jul-2026	Hybridization Part 2
06-Jul-2026	Heterosis and Inbreeding Depression
08-Jul-2026	Genetic Basis of Self-Pollinated Crops and Pure Line Theory
10-Jul-2026	Population Improvement and Modes of Selection
13-Jul-2026	Breeding Methods in Self-Pollinated Crops – Mass and Pure Line Selection
15-Jul-2026	Handling of Segregating Population Part 1
17-Jul-2026	Handling of Segregating Population Part 2
20-Jul-2026	Handling of Segregating Population Part 3
22-Jul-2026	Genetic Basis and Methods of Breeding Cross Pollinated Crops
24-Jul-2026	Breeding Methods in Asexually Propagated Crops
27-Jul-2026	Multiline Concept
29-Jul-2026	Concepts of Population Genetics and Hardy-Weinberg Law
31-Jul-2026	Composite and Synthetic Varieties
03-Aug-2026	Polyploidy
05-Aug-2026	Mutation Breeding
07-Aug-2026	Breeding for Important Biotic and Abiotic Stresses

10-Aug-2026	Biotechnological Tools – DNA Markers
12-Aug-2026	Plant Breeders and Farmer's Rights

