

**PROGRAM offered By Department of Botany
(2025-2026) Odd Semester
B.Sc. Botany Hons (H) & B.Sc. Life Sciences (LS)**

BOTANY HONS - ACADEMIC SESSION (2025-26) ODD SEMESTER		
SEMESTER		PAPER
B. SC. (HONS.) BOTANY SEM-I (CBCS-NEP)		
H Semester I	1	DSC-1 Plant Diversity and Evolution (2162011101)
	2	DSC-2 Cell Biology: Organelles and Biomolecules (2162011102)
	3	DSC-3 Basic Laboratory and Field Skills in Plant Biology (2162011103)
	4	GE-1 Protected Agriculture-Hydroponics and Organic Cultivation (2164001003)
	5	SEC-1 (Option 1) Organic farming (2166000002/
LS Semester I	6	Plant Diversity and Systematics
H Semester III	1	DSC-7 Phycology- The World of Algae (2162012301)
	2	DSC-8 Bryophytes, Pteridophytes and Gymnosperms (2162012302)
	3	DSC-9 Genetics and Plant Breeding (2162012303)
	4	SEC-3 Mushroom Culture and Technology-I (2166000008)
	5	SEC-3 Hydroponic and Aeroponic Farming (2166000003)
LS Semester III		Plant Cell and Developmental Biology
Semester V	1	DSC-13: Molecular Biology of the Cell (2162012501)
	2	DSC-14: Reproductive Biology of Angiosperms (2162012502)
	3	DSC-15: Plant Physiology (2162012503)
	4	GE- Ethnobotany

	5	DSE-5: Plant Pathology (2163013005)
		: DSE-6: Natural Resource Management (2163013006)
	6	SEC-5: (Option 1) Biofertilizers (2166000001)
		SEC-5: (Option 2) Nursery Gardening and Landscaping (2166000007)
LS Semester V		Plant Physiology and Metabolism
Sub Total		

B. SC. (HONS.) BOTANY SEM-VII CBCS-NEP

Semester VII	1	DSC-19: Genomics, Proteomics and Bioinformatics
	2	Environmental biotech management
	3	DSE-9 Biodiversity Informatics
	4	DSE-10 Plant Tissue Culture
	5	DSE-11 Reproductive Ecology
	6	DSE IPR
Sem		EVS

