

# DURGAPUR GOVERNMENT COLLEGE

## DEPARTMENT OF BOTANY

### COURSE OUTCOME FOR B.SC. WITH BOTANY (PROGRAM & GENERIC)

CC I The students learn about general characteristics, morphology, reproduction and economic uses of Algae, Fungi and Bryophyte.

CC II The students acquire knowledge about general characteristics, morphology, anatomy and reproductive biology in Pteridophytes, Gymnosperms and Fossils.

CC III The students become familiarize themselves with angiosperms like its Taxonomy, morphology, embryology, and anatomy.

CC IV The students become competent in understanding the plant physiological process, plant metabolism and ecology, phytogeography,

SEC I The students acquire skill about different types of Biofertilizers and their applications.

Or

The students acquire skill about Ethnobotany

SEC II The students gain adequate information regarding plant diversity, management and conservation of biodiversity and its implications in human welfare.

Or

The students gain adequate information regarding different types of Mushroom Culture.

SEC III The students acquire skill about Floriculture techniques and its applications.

SEC IV The students acquire skill about Nursery and Gardening

DSE I The students acquire preliminary knowledge about Cell Biology, Genetics and Molecular Biology.

Or

The students become proficient in understanding about Stress Biology.

Or

The students assimilate adequate knowledge in understanding Plant Breeding.

DSE II The students familiarize themselves with the basic concept and applications of economic botany, pharmacognosy and biotechnology.

Or

The students assimilate profuse knowledge about Natural Resource Management.

or

The students assimilate profuse knowledge about Biostatistics

## COURSE OUTCOME FOR B.SC. BOTANY (HONOURS)

- CC I The students learn about general characteristics, morphology, reproduction and economic uses of Algae and Lichen
- CC II The students acquire knowledge about general characteristics, morphology, reproduction of Fungi and Plant diseases.
- CC III The students became competent in understanding about general characteristics, morphology, reproduction prevailed in Bryophytes, Fossils plants and pollens.
- CC IV The students became familiarize themselves with angiosperms like its taxonomy, morphology, embryology, and anatomy
- CC V The students assimilate adequate knowledge in understanding about Plant Systematics.
- CC VI The students become proficient in knowing Phytogeography and Economic Botany.
- CC VII The students acquire basic concept about general characteristics, morphology, reproduction in Pteridophytes and Gymnosperms.
- CC VIII The students absorbs conceptual knowledge in understanding about Biochemistry and plant metabolism.
- CC IX The students became familiarize with concept of Ecology and Pharmacology.
- CC X The students became proficient in understanding about Microbiology.
- CC XI The students acquire skill in understanding about Plant Physiology.
- CC XII The students became competent in gathering information about Cell Biology and Genetics.
- CC XIII The students being taught about Molecular Biology.
- CC XIV The students absorbs profuse information about Plant Biotechnology and Tissue Culture.
- SEC I The students acquire skill about different types of Biofertilizers and their applications.

Or

The students acquire skill about Ethnobotany

SEC II The students familiarize with basic concept about plant diversity and different types of Human Welfare.

Or

The students familiarize with basic concept about different types of Mushroom Culture.

SEC III The students acquire skill in understanding Floriculture techniques and its applications.

SEC IV The students acquire skill in knowing about Nursery and Gardening

DSE I The students became competent in gathering knowledge about Analytical Techniques in Plant Sciences.

or

The students became competent in gathering knowledge about Bioinformatics.

DSE II The students acquire knowledge about Stress Biology.

or

The students acquire knowledge about Plant Breeding.

DSE III The students became proficient in understanding about Natural Resource Management.

Or

The students became proficient in understanding about Horticultural Practices and Post-Harvest Technology.

DSE IV The students acquire knowledge about Research Methodology.

Or

The students acquire knowledge about industrial and Environmental Microbiology.

Or

The students became proficient in understanding about Biostatistics.