

New Experiments Introduced

DURING SUPPORT [2021-2022]		
CLASS	COURSE NAME & COURSE CODE	NAME OF THE EXPERIMENTS
II B.Sc. Botany	Biochemistry, Biophysics, Biometrics, Genetics, Bioinformatics, Cell Biology, Embryology and Plant Ecology & 08CP43	Study of polyploidy in onion root tips
II B.Sc. Botany	Biochemistry, Biophysics, Biometrics, Genetics, Bioinformatics, Cell Biology, Embryology and Plant Ecology & 08CP43	Quantitative estimation of Plant Pigments using Spectrophotometer
II B.Sc. Botany	Biochemistry, Biophysics, Biometrics, Genetics, Bioinformatics, Cell Biology, Embryology and Plant Ecology & 08CP43	Preparation of Buffer Solution at Different Molar Concentration and Measurement of pH
II B.Sc. Botany	Biochemistry, Biophysics, Biometrics, Genetics, Bioinformatics, Cell Biology, Embryology and Plant Ecology & 08CP43	Spectrophotometric Estimation of Isolated DNA
II B.Sc. Botany	Biochemistry, Biophysics, Biometrics, Genetics, Bioinformatics, Cell Biology, Embryology and Plant Ecology & 08CP43	Separation of Proteins by Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis
III B.Sc. Botany	Taxonomy of Angiosperms, Economic Botany, Microbiology, Plant Physiology and Biotechnology & 08CP62	Isolation of microorganisms (Bacteria) from natural sources by serial dilution and plating methods
III B.Sc. Botany	Taxonomy of Angiosperms, Economic Botany, Microbiology, Plant Physiology and Biotechnology & 08CP62	Growth Curve of Bacteria
III B.Sc. Botany	Taxonomy of Angiosperms, Economic Botany, Microbiology, Plant Physiology and Biotechnology & 08CP62	Isolation of Genomic DNA from Plant Tissues
III B.Sc. Botany	Taxonomy of Angiosperms, Economic Botany, Microbiology, Plant Physiology and Biotechnology & 08CP62	Agarose gel Electrophoresis
III B.Sc. Botany	Taxonomy of Angiosperms, Economic Botany, Microbiology, Plant Physiology and Biotechnology & 08CP62	Plant Tissue culture studies in Medicinal Plants