



“Education for Knowledge, Science, and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur
(Autonomous)**



KOLHAPUR (AUTONOMOUS)

DEPARTMENT OF BOTANY

COURSE OUTCOMES

2019-2020

B.Sc. I Semester: I

BOTANY- DSC 1007 A “ Biodiversity in Cryptogams and Gymnosperms ”

(DSC 1007 A1) Sec. : I “ Biodiversity in Microbes, Algae and Fungi ”

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand identify and classify bacteria, fungal, algal and lichen live and preserved specimen.
CO2	Understand classification of fungal, algal and Lichen.
CO3	Identify diatoms.
CO4	Identify VAM fungi.

B.Sc. Part I Semester: I

(DSC 1007 A2) Sec. II “Bryophytes, Pteridophytes and Gymnosperms (Archegoniates)”

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand identify and classify bryophytes, Pteridophytes and gymnosperms.
CO2	Understand classification of bryophytes, Pteridophytes and gymnosperms.
CO3	Know the sustainable utilization of these plants to the society.
CO4	Know general characters of bryophytes, pteridophytes and gymnosperm.

B.Sc. Part I Semester: II

BOTANY DSC 1007 B “ Plant Ecology and Taxonomy ”



(DSC 1007 B1) Sec. : I “Plant Ecology”

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand the basic components of ecology.
CO2	Understand various species interactions.
CO3	Understand ecological succession.
CO4	Understand ecosystem and phytogeography.

B.Sc. Part I Semester: II

(DSC 1007 B2) Sec. II “Taxonomy ”

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand the morphology of flowering plant.
CO2	Understand the classification of flowering plant.
CO3	Understand the morphological, floral, distinguishing characters and economic importance of families.
CO4	Understand the classification system of flowering plant.

B.Sc. II Semester: III

BOTANY- DSC 1007 C “ Taxonomy, Embryology and Plant Physiology ”

(DSC 1007 C1) Sec. : I “Taxonomy, Embryology”

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand organization and different mechanism of flower.
CO2	Understand development and types of embryo.
CO3	Understand the morphological, floral, distinguishing characters and economic importance of families.
CO4	Understand different taxonomic literature.

B.Sc. II Semester: III

(DSC 1007 C2) Sec. : II “ Plant Physiology”

Course Outcomes	After the completion of the course the student will be able to:
CO1	Know the plant water relationship.
CO2	Understand the concept of photosynthesis.
CO3	Understand the concept of respiration.



(DSC 1007 B1) Sec. : I "Plant Ecology"

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand the basic components of ecology.
CO2	Understand various species interactions.
CO3	Understand ecological succession.
CO4	Understand ecosystem and phytogeography.

B.Sc. Part I Semester: II

(DSC 1007 B2) Sec. II "Taxonomy "

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand the morphology of flowering plant.
CO2	Understand the classification of flowering plant.
CO3	Understand the morphological, floral, distinguishing characters and economic importance of families.
CO4	Understand the classification system of flowering plant.

B.Sc. II Semester: III

BOTANY- DSC 1007 C " Taxonomy, Embryology and Plant Physiology "

(DSC 1007 C1) Sec. : I "Taxonomy, Embryology"

Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand organization and different mechanism of flower.
CO2	Understand development and types of embryo.
CO3	Understand the morphological, floral, distinguishing characters and economic importance of families.
CO4	Understand different taxonomic literature.

B.Sc. II Semester: III

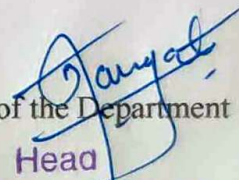
(DSC 1007 C2) Sec. : II " Plant Physiology"

Course Outcomes	After the completion of the course the student will be able to:
CO1	Know the plant water relationship.
CO2	Understand the concept of photosynthesis.
CO3	Understand the concept of respiration.



CO4	Know the role of minerals in plant growth.
B.Sc. II Semester: IV	
BOTANY- DSC 1007 D “ Plant Anatomy and Plant Metabolism ”	
(DSC 1007 D1) Sec. : I “ Plant Anatomy ”	
Course Outcomes	After the completion of the course the student will be able to:
CO1	Understand the scope, importance and techniques of anatomy.
CO2	Know the various plant adaptations.
CO3	Know the organization of higher plant body.
CO4	Know tissue and tissue system.
B.Sc. II Semester: IV	
(DSC 1007 D2) Sec. : II “Plant Metabolism”	
Course Outcomes	After the completion of the course the student will be able to:
CO1	Know the mechanism of enzymes.
CO2	Understand the mechanism of nitrogen metabolism.
CO3	Know the mechanism of growth in plants.
CO4	Know the mechanism of seed dormancy and seed germination.




 Head of the Department
 Head
 Department of Botany
 Vivekanand College
 Kolhapur