

"Education for Knowledge, Science, and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(Empowered Autonomous)



DEPARTMENT OF BOTANY

COURSE OUTCOMES

2024-2025

B. Sc. Part – I Semester -I

BOTANY DSC-I: DSC03BOT11: Basic in Botany

Course Outcomes	After the completion of the course the student will be able to:
CO1	Develop basic skills to study botany in details.
CO2	Understand unique and general features of algae, fungi, bryophytes, pteridophytes and gymnosperm.
CO3	Understand the diversity of plants with respect to algae, fungi, bryophytes, pteridophytes and gymnosperm.
CO4	Acquaint the knowledge regarding importance of plants.

B. Sc. Part – I Semester -I

BOTANY DSC-II: DSC03BOT12: Plant Morphology.

Course Outcomes:	After the completion of the course the student will be able to:
CO1	Understand general organization of plant body.
CO2	Acquire basic knowledge required for Understanding plant functioning.
CO3	Get and insight into be the fruit and seed development.
CO4	Understand the morphology and development of different plant parts.

B. Sc. Part – I Semester -II

BOTANY DSC-III: DSC03BOT21: Reproductive Botany

Course Outcomes:	After the completion of the course the student will be able to:
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CO1	Understand reproduction of plants.
CO2	Impart basic Knowledge of pollination and fertilization in plants.
CO3	Understand the development of reproductive parts.
CO4	Get and insight into be the fruit and seed development.

B. Sc. Part – I Semester -II

BOTANY DSC-IV: DSC03BOT22: Diversity and Conservation of Plants

Course Outcomes:	After the completion of the course the student will be able to:
CO1	Understand outline of different classification system.
CO2	Classify the groups and the different the taxonomic forms.
CO3	Generate interest among the students about plant conservation.
CO4	Make the student aware about the extent of the total biodiversity and the importance of their Conservation.

B.Sc. II Semester: III

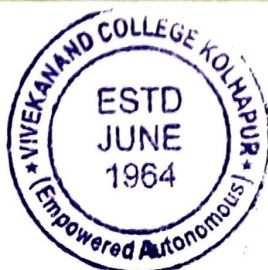
BOTANY- DSC -V: DSC03BOT31: Diversity of Cryptogams

Course Outcomes	After the completion of the course the student will be able to:
CO1	Provide a foundational understanding of several plant groups.
CO2	Enhance consciousness about the diversity seen in lower plant groups.
CO3	Disseminate information about how lower plant groups reproduce.
CO4	Describe the characteristics and groupings of lower cryptogams.

B.Sc. II Semester: III

BOTANY- DSC -VI: DSC03BOT32: Diversity of Phanerogams

Course Outcomes	After the completion of the course the student will be able to:
CO1	Introduce pupils to the fundamentals of diversity of phanerogams.
CO2	Convey concepts on lower phanerogams.
CO3	Identify various plant forms according to their distinct groups using distinguishing characteristics along with examples.
CO4	Determine each group's life cycle pattern.



B.Sc. II Semester: III

BOTANY- MIN -V: MIN03BOT31: Diversity in non-flowering plant

Course Outcomes After the completion of the course the student will be able to:

CO1 Provide a foundational understanding of several plant groups.

CO2 Enhance consciousness about the diversity seen in lower plant groups.

CO3 Disseminate information about how lower plant groups reproduce.

CO4 Describe the characteristics and groupings of lower cryptogams.

B.Sc. II Semester: III

BOTANY- MIN -VI: MIN03BOT32: Plant Taxonomy

Course Outcomes After the completion of the course the student will be able to:

CO1 Expose the student to the basic principles and methods of plant taxonomy.

CO2 Recognize the different facts of plant classification and nomenclature.

CO3 Explain the ICN and ICBN in terms of their guiding concepts and regulations.

CO4 Develop an appreciation of the scientific and aesthetic values of plants in students mind.

B.Sc. II Semester: IV

BOTANY- DSC -VII: DSC03BOT41: Resource Botany

Course Outcomes After the completion of the course the student will be able to:

CO1 Identification, extraction, and use of plants with economic significance.

CO2 Impart the knowledge of the role of plants in human welfare.

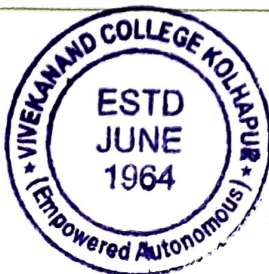
CO3 Update the students about plant dependent industries.

CO4 Encourage students to think about entrepreneurship and start-ups.

B.Sc. II Semester: IV

BOTANY- DSC -VIII: DSC03BOT42: Industrial Botany

Course Outcomes After the completion of the course the student will be able to:



Course Outcomes	After the completion of the course the student will be able to:
CO1	Acquire knowledge of different plant species and the components that are employed in industry.
CO2	Acquire an understanding procedures that are used to turn raw materials into finished goods.
CO3	Get knowledge about various sectors and products that are derived from plants and their components.
CO4	Highlight the potential of these studies to become an entrepreneur.

B.Sc. II Semester: IV

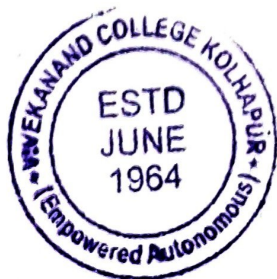
BOTANY- MIN -VII: MIN03BOT41: Diversity of flowering plant

Course Outcomes	After the completion of the course the student will be able to:
CO1	Identify various plant forms according to their distinct groups using distinguishing characteristics along with examples.
CO2	Determine each group's life cycle pattern.
CO3	Convey concepts on lower phanerogams.
CO4	Introduce pupils to the fundamentals of diversity of phanerogams.

B.Sc. II Semester: IV

BOTANY- MIN -VIII: MIN03BOT42: Commercial Botany

Course Outcomes	After the completion of the course the student will be able to:
CO1	Know about the commercial products produced from algae, fungi, bryophytes and pteridophytes.
CO2	Learn about the chemistry of plants and its commercial products.



CO3	Gain knowledge about developing commercial enterprise of microbial products.
CO4	Understand the role of higher plants in our society and how they can be used for more applied aspects.



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Head

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