

Maharana Pratapsinh Shikshan sanstha Mumbai

**Anandibai Raorane Arts, Commerce and Science
College, Vaibhavwadi**

DEPARTMENT OF BOTANY

COURSE OUTCOME

CO'S	COURSE NAME	COURSE CODE	OUTCOMES
CO-1	Plant Diversity I	USBO101	On completion of the course, students are able to understand classification and diversity among the lower cryptogames
CO-2	Form and function I	USBO102	Student will learn nature and functions of cell and cell organelle, ecological aspects and understand the basic genetic principles
CO-3	Plant Diversity I	USBO201	Students are able to understand interesting world and morphological variations with its identification of Gymnosperms and Angiosperms.

CO-4	Form and function I	USBO202	Students get basic knowledge of plant anatomy, photosynthetic processes, and students learn concepts primary and secondary metabolites with its uses in living body.
CO-5	Plant Diversity II	USBO301	Resolve the concepts of identification and classification of Fungi, Algae, Bryophytes and Angiosperms.
CO-6	Form and function II	USBO302	Students know basics of laboratory techniques like microscopy and separation techniques. Cell biology gives deep knowledge of cell division, growth and development.
CO-7	Current trends in plant sciences I	USBO303	Forestry and economic botany give idea about the bioprospecting of plants in life and students enhance their knowledge in pharmacognosy and basic processes of molecular biology.

CO-8	Plant Diversity II	USBO401	Learners get deep knowledge about fungi, plant diseases with host, Pteridophytes and gymnosperms.
CO-9	Form and function II	USBO402	Students are able to learn about Anatomy, physiological processes of plants and understand ecological and environmental aspects.
CO-10	Current trends in plant sciences I	USBO403	Students will understand botanical garden and its types, Design, basic requirements and principles of plant tissue culture with respect to its applications, emerging rDNA technological tools, with use of Biostatistics.
CO-11	Plant diversity III	USBO501	To know the concept, principle and importance of sterilization, learn to develop pure culture of bacteria and fungi, plant-pathogen interaction. Study morphological variations in algae.
CO-12	Plant diversity IV	USBO502	This paper gives brief ideas about fossil plant and their

			relationship with living plants, pollen study of flowering plants.
CO-13	Form and function III	USBO503	From this students will be definitely understand the basic and fundamental processes of molecular biology and transport mechanism in plants.
CO-14	Current trends in plant sciences II	USBO504	On completion of this course students are able to understand the medicinal botany and know about medicinal plants used by tribal people. Pharmacognosy and medicinal botany provide valuable knowledge of monograph of drugs with reference to their biological source.
CO-15	Horticulture and gardening I	USACHO501	It promotes the profession of horticulture and enhance professionalism of those who are interested working in horticulture industry and garden practices.
CO-16	Plant diversity III	USBO601	The syllabi of this paper increases depth of knowledge

			about characters, morphology, classification life cycles, economical and economical importance Bryophytes, Pteridophytes and Gymnosperms.
CO-17	Plant diversity IV	USBO602	It enhance very deep observation about important angiospermic families with respect to their classification, ecological anatomy and embryology. This course also covers very important aspects of biostatistics which will much needed for further research
CO-18	Form and function III	USBO603	The units of this paper covers very important basic physiological functional process of plants like nitrogen metabolism with introduction of Biomolecules and also focuses on very important genetic concepts and genetic disorders.
CO-19	Current trends in plant sciences II	USBO604	Students learn the emerging tools and techniques in steams of plant sciences as in the biotechnology lesion. And

			gain the knowledge about economic botany and phytogeographical regions.
CO-20	Horticulture and gardening II	USACHO50 2	On the completion of this course learner understand the principles of gardening, floriculture and post-harvest production of fruits, study of aromatic and medicinal plants gives their importance of utilization in day today life.