

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Botany

Content with Focus on Employability, Entrepreneurship, Skill Development

Sr. No.	Name of the Course	Course Code	Year of Introduction	Content with focus on employability	Content with focus on entrepreneurship	Content with focus on skill development
B.Sc. Botany (Newly Introduced between 2018-19 and 2022-23)						
1	Biodiversity in Cryptogams and Gymnosperms	DSC-1007A	2018-19	Apply staining methods for identification of cryptogams		Identify cryptogams using staining techniques
2	Plant Ecology and Taxonomy	DSC1007B	2018-19	Explain techniques of ecology.	Analyze the soil with different technique	Analyse the soil with different technique
3	Taxonomy, Embryology	DSC-1007C1	2019-20	Explain different parts of plant.		Apply their knowledge to identify the different parts of plant.
4	Plant Physiology	DSC-1007C2	2019-20	Explain various terms used in plant physiology.		Apply their knowledge to analyse the plant.
5	Plant Anatomy	DSC-1007D1	2019-20	Explain different parts of plant.	Understand internal organization of plant.	Understand internal organization of plant.
6	Plant Metabolism	DSC-1007D2	2019-20	Explain techniques of plant metabolism.	Understand the plant metabolism.	Understand the plant metabolism.
7	General Agriculture	DSC-1012C 2	2019-20	Explain different branches		Understand basics in agriculture.



		Sec – I		of agriculture.		
8	Plant Pathology	DSC-1012C 2 Sec – II	2019-20	Explain techniques of pathology.	Identify the disease with different technique.	Identify the disease with different technique.
9	Weed Science	DSC-1011 D 2 Sec – I	2019-20	Explain techniques of weed management.	Identify the weed.	Understand different technique of weed management.
10	Insect Pest	DSC-1011 D 2 Sec – II	2019-20	Explain techniques of entomology.	Identify the insect.	Understand different technique of insect management.
11	Cytology and Research Technique in Life Sciences	DSE – 1007 E 1 Sec-I	2020-21	Explain different techniques of life sciences.	Analyse the different technique of life sciences.	Understand different techniques of life sciences.
12	Microbiology , Plant Pathology and Biofertilizers	DSE – 1007 E 1 Sec- II	2020-21	Explain different type of microorganisms.	Know the different diseases of plant.	Know the Microorganisms responsible for disease development.
13	Plant Biochemistry and Stress Physiology	DSE – 1007 E 2 Sec- 1	2020-21	Explain different type of metabolic process of plants.		Understand the plant physiology.
14	Plant Systematics and Paleobotany	DSE – 1019 E 2 Sec – II	2020-21	Apply the basic method for plant indentification.		Understand the basic in paleobotany.
15	Technique of Life Science	SEC-E	2020-21	Analyze the different technique in plant study.	Know the different technique of life science.	Understand the technique of life science.



16	Genetics and Plant Breeding	DSE – 1007 F 1 Sec – I	2020-21		Know the technique of plant breeding.	Understand the basics in genetics.
17	Biostatistics, Economic Botany and Ethnobotany	DSE – 1007 F 1 Sec – II	2020-21	Analyze the plant statically.		Understand the economic importance of plant.
18	Molecular Biology and Biotechnology	DSE – 1007 F 2 Sec – I	2020-21	Analyze different technique of biotechnology.	Know the technique of molecular biology.	Understand the concept of biotechnology.
19	Horticulture, Forestry and Herbal Technology	DSE – 1007 F 2 Sec - II	2020-21		Know the technique of herbal technology.	Understand the horticulture science.
20	Techniques in Plant Diversity and Crop Improvement	SEC-F	2020-21	Analyze different technique in plant diversity.	Know the technique used in crop improvement.	Understand the plant diversity.



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