

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Botany


B.Sc. I Botany (2024-25) NEP Phase- II

Content with Cross-cutting Issues


S r. N o.	Name of the Course	Course Code	Year of Introductio n	Professional Ethics	Gender	Human Values	Environment and Sustainability	Sustainable Development Goals	NEP - 2020 (truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, life- skills; lessons in seva/service and participation in community service education)
B.Sc. I Botany (Newly Introduced between 2024-25)									
1.	Basic in Botany	DSC03BOT11	2024-25				Environment and Sustainability		



2.	Plant Morphology	DSC03BOT12	2024-25				IUCN status RET		
3.	Indian Knowledge System	IKS03GEC11	2024-25				Environment and Sustainability		
4.	Reproductive Botany	DSC03BOT21	2024-25				Sustainability		
5.	Diversity and conservation of plants	DSC03BOT22	2024-25				Environment and Sustainability		


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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. I Botany (Newly Introduced between 2024-25)						
1	Basic in Botany	DSC03BOT11	2024-25	Apply basic knowledge for production of different products for human welfare.		Develop basic skills to study botany in details.
2	Plant Morphology	DSC03BOT12	2024-25			Apply their knowledge to identify the different plant parts.
3	Indian Knowledge System	IKS03GEC11	2024-25	Apply their knowledge to develop different ayurvedic product.		Apply their knowledge to study medicinal importance of plants.
4	Reproductive Botany	DSC03BOT21	2024-25			Apply their knowledge for fruit production in plants.



5	Diversity and conservation of plants	DSC03BOT22	2024-25	Nursery development.	Apply their knowledge for conservation of plants.
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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
1	B.Sc. Botany (Newly introduced between 2024-25)	Apply their knowledge		Develop basic skills to study botany in details.
2	BSCBOT12	Apply their knowledge to identify the different plant parts.		
3	BSCBOT11	Apply their knowledge to develop different phytochemical products.		Apply their knowledge to study medicinal importance of plants.
4	BSCBOT13			Apply their knowledge for the production of plants.

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Curricular Relevance – Course Outcomes with Relevance to Local, Regional, Global needs

Sr. No.	Name of the Course	Course Code	Year of Introduction	Cos with relevance to local/regional needs	Cos with relevance to national needs	Cos with relevance to global needs
B.Sc. I Botany (Newly Introduced between 2024-25) Semester - I & II						
1.	Basic in Botany	DSC03BOT11	2023-24	CO2: To understand unique and general features of algae, fungi, bryophytes, pteridophytes and gymnosperm.	CO4: Acquaint the knowledge regarding importance of plants.	
2.	Plant Morphology	DSC03BOT12	2023-24	CO4: Understand the morphology and development of different plant parts.	CO2: Acquire basic knowledge required for understanding plant functioning.	CO2: Acquire basic knowledge required for understanding plant functioning.
3.	Indian Knowledge System	IKS03GEC11	2023-24	CO1: Understand the importance of ayurveda in everyday life. CO4: Know the different system of medicine.	CO1: Understand the importance of ayurveda in everyday life. CO4: Know the different system of medicine.	CO1: Understand the importance of ayurveda in everyday life. CO4: Know the different system of medicine.
3.	Reproductive Botany	DSC03BOT21	2023-24	CO3: Understand the development of reproductive parts.	CO4: Get and insight into be the fruit and seed development.	



4.	Diversity and conservation of plants	DSC03BOT22	2023-24	CO3: To generate interest among the students about plant conservation.	CO4 : Make the student aware about the extent of the total biodiversity and importance of their conservation.	CO4 : Make the student aware about the extent of the total biodiversity and importance of their conservation.
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Sr. No.	Name of the Course	Course Code	Year of Introduction	COs with reference to local/regional/global needs	COs with reference to national needs	COs with reference to international needs
1	Botany	DSC03BOT11	2023-24	CO1: To understand unique and special features of algae, fungi, and lichens and their importance in the environment.	CO1: Acquire basic knowledge regarding importance of plants.	CO1: To understand unique and special features of algae, fungi, and lichens and their importance in the environment.
2	Plant Morphology	DSC03BOT12	2023-24	CO1: To understand the structure and function of different plant parts.	CO1: Acquire basic knowledge regarding understanding plant functioning.	CO1: To understand the structure and function of different plant parts.
3	Systemic Botany	DSC03BOT11	2023-24	CO1: Understand the importance of systems in everyday life. CO2: Know the different system of medicine.	CO1: Understand the importance of systems in everyday life. CO2: Know the different system of medicine.	CO1: Understand the importance of systems in everyday life. CO2: Know the different system of medicine.
4	Reproductive Botany	DSC03BOT13	2023-24	CO1: Understand the development of reproductive parts.	CO1: Get and insight into the fruit and seed development.	CO1: Understand the development of reproductive parts.



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