

**Vivekanand College, Kolhapur (Autonomous)**  
**Department of Botany**  
**Credit Framework under Three/Four- Years UG Programme**  
**Department/Subject Specific Core or Major (DSC)**

Level	Semester	1-Major		2-Minor	3-OE	4-SEC	5-AEC, VEC, IKS			6-OJT, FP, CEP, CC, RP			Total Credits
		Major		Minor	IDC/MDC/ OE/GE	SEC	AEC (Language)	Value Education Courses (VEC)	IKS	CC	Summer Internship /Field Project/OJT	Research Project / Dissertation	
		DSC	DSE	MIN	OEC								
4.5	I	DSC-I (2) Basic in Botany DSC-II (2) Plant Morphology DSC Practical-I (2)		MIN-I (2) Basic in Botany MIN-II (2) Plant Morphology MIN Practical-I (2)	OEC-I (2) Agri Based Microenterprises – I OEC-II (2) Agri Based Microenterprises – I OEC Practical-I (2)		AEC-I (2) English	-	IKS (2) Introduction to IKS			-	
	Credits	4+2=6		4+2=6	4+2=6		2		2			-	22
	II	DSC-III (2) Reproductive Botany DSC-IV (2) Diversity and Conservation of Plants DSC Practical-I (2)		MIN-III (2) Reproductive Botany MIN-IV (2) Diversity and Conservation of Plants MIN Practical-I (2)	OEC-III (2) Herbal Technology - I OEC-IV (2) Herbal Technology - II OEC Practical-I (2)	SEC-I (2) Basic tools of life sciences	AEC-II (2) English					-	
	Credits	4+2=6		4+2=6	4+2=6		2					-	22
<b>1<sup>st</sup> year Cumulative Credits</b>		<b>12</b>		<b>12</b>	<b>12</b>	<b>2</b>	<b>4</b>		<b>2</b>				<b>44</b>
<b>Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor</b>													
5.0	III	DSC-V (2) Diversity of Cryptogams DSC-VI (2) Diversity of Phanerogams DSC Practical-II (4)		MIN-V (2) Diversity in non- flowering plants MIN Practical-II (2)		SEC-II (2) Bonsai and Terrarium SEC-III (2) Hydroponics	AEC-III (2) English	VEC- I (2) Democracy VEC-II (2) Environmental Science					
	Credits	4+4=8		2+2=4		4	2	4				-	22
	IV	DSC-VII (2) Plant Taxonomy and Resource Botany DSC-VIII (2) Industrial Botany DSC Practical-II (4)		MIN-VI (2) Diversity of flowering plants MIN Practical-II (2)		SEC-IV (2) Herbal Technology SEC-V (2) Plant Nursery	AEC-IV (2) English	VEC-III (2) Environmental Science	CC (2)				
	Credits	4+4=8		2+2=4		4	2	2				-	22
<b>2<sup>nd</sup> year Cumulative</b>		<b>16</b>		<b>8</b>		<b>8</b>	<b>4</b>	<b>6</b>		<b>2</b>			<b>44</b>

Credits														
Exit option: Award of UG Diploma in Major and Minor with 88 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor														
5.5	V	DSC-IX (2) Mycology and Plant Pathology DSC-X (2) Plant Ecology DSC-XI (2) Plant Anatomy DSC-XII (2) Plant Physiology and Metabolism DSC Practical-III (8)	DSE- I (2) Plant Pharmaceutical Industry	MIN-VII(2) Plant Taxonomy and Resource Botany	-				-		-	FP (2)	-	
	Credits	8+8=16	2+0=2	2 +0=2					-			2		22
	VI	DSC- XIII (2) Fundamentals of Plant Taxonomy DSC- XIV (2) Cytology and Genetics DSC- XV (2) Molecular Biology and Biotechnology DSC- XVI (2) Research Technique in Botany DSC Practical-III (8)	DSE-II (2) General Agriculture	MIN-VIII (2) Commercial Botany	-				-		-	OJT (2)	-	
Credits	8+8=16	2+0=2	2 +0=2					-			2		22	
3 <sup>rd</sup> year Cumulative Credits	32	4	4								4		44	
3-years Cumulative Credits	60/48 DSC	4 DSE	24/24 Minor	12/9 IDC/MDC/OE/GE	10/9 SEC	8/8 AEC	6/6 VEC	2/2 IKS	2/2 CC	4/4 FP+OJT	-		132/ 132	
Exit option: Award of UG Degree in Major with 132 credits OR Continue with Major and Minor														

Abbr: DSC- Discipline Specific Core, DSE- Discipline Specific Elective, MIN-Minor, OE- Open Elective, IDC: Inter-Disciplinary Course MDC: Multi-Disciplinary Course, GE: Generic Elective, OEC- Open Elective Course, SEC- Skill Enhancement Course, VSC: Vocational Skill Course, AEC- Ability Enhancement Course, VEC- Value Education Course, OJT: On-Job Training, FP: Field Project, CEP: Community Engagement Programme, CC: Co-curricular Courses, RP: Research Project