

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Botany

Departmental Teaching and Evaluation scheme

Three/Four- Years UG Programme

Department/Subject Specific Core or Major (DSC)

(as per NEP-2020 Guidelines)

First Year Semester-I & II

Sr. No.	Course Abbr.	Course code	Course Name	Teaching Scheme Hours/week		Examination Scheme and Marks				Course Credits
				TH	PR	ESE	CIE	PR	Marks	
Semester-I										
1	DSC-I	DSC03BOT11	Basic in Botany	2	-	40	10	-	50	2
2	DSC-II	DSC03BOT12	Plant Morphology	2	-	40	10	-	50	2
3	MIN-I	MIN03BOT11	Basic in Botany	2	-	40	10	-	50	2
4	MIN-II	MIN03BOT12	Plant Morphology	2	-	40	10	-	50	2
5	OEC-I	OEC03PLP11	Agri Based Microenterprises - I	2	-	40	10	-	50	2
6	OEC-II	OEC03PLP12	Agri Based Microenterprises - II	2	-	40	10	-	50	2
7	IKS-I	IKS03GEC11	Indian Knowledge System	2	-	25	-	-	25	2
8	DSC-PR-I	DSC03BOT19	DSC Botany Lab-1	-	4	-	-	25	25	2
9	MIN-PR-I	MIN03BOT19	MIN Botany Lab-1	-	4	-	-	25	25	2
10	OEC-PR-I	OEC03PLP19	OEC Botany Lab -1	-	4	-	-	25	25	2
Semester –I Total				14	12	265	60	75	400	20
Semester-II										
1	DSC-III	DSC03BOT21	Reproductive Botany	2	-	40	10	-	50	2
2	DSC-IV	DSC03BOT22	Diversity and conservation of Plants	2	-	40	10	-	50	2
3	MIN-III	MIN03BOT21	Reproductive Botany	2	-	40	10	-	50	2
4	MIN-IV	MIN03BOT22	Diversity and conservation of Plants	2	-	40	10	-	50	2
5	OEC-III	OEC03PLP21	Herbal Technology- I	2	-	40	10	-	50	2
6	OEC-IV	OEC03PLP22	Herbal Technology- II	2	-	40	10	-	50	2
7	VSC-I	VSC03BOT21	Basic Tools of Life Sciences	-	4	-	-	25	25	2
8	DSC-PR-II	DSC03BOT29	DSC Botany Lab-2	-	4	-	-	25	25	2
9	MIN-PR-II	MIN03BOT29	MIN Botany Lab-2	-	4	-	-	25	25	2
10	OEC-PR-II	OEC03PLP29	OEC Botany Lab-2	-	4	-	-	25	25	2
Semester –II Total				12	16	240	60	100	400	20

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Second Year Semester-III & IV

Sr. No.	Course Abbr.	Course code	Course Name	Teaching Scheme Hours/week		Examination Scheme and Marks				Course Credits
				TH	PR	ESE	CIE	PR	Marks	
Semester-III										
1	DSC-V	DSC03BOT31	Diversity of Cryptogams	2	-	40	10	-	50	2
2	DSC-VI	DSC03BOT32	Diversity of Phanerogams	2	-	40	10	-	50	2
3	MIN-V	MIN03BOT31	Diversity in non-flowering plants	2	-	40	10	-	50	2
4.	MIN-VI	MIN03BOT32	Plant Taxonomy	2	-	40	10	-	50	2
5	VSC-PR-II	VSC03BOT39	Bonsai and Terrarium	-	4	-	-	25	25	2
6	DSC-PR-III	DSC03BOT39	DSC- Botany Lab-3	-	8	-	-	50	50	4
7	MIN-PR-III	MIN03BOT39	MIN- Botany Lab-3	-	4	-	-	25	25	2
Semester –III Total				8	16	160	40	100	300	16
Semester-IV										
1	DSC-VII	DSC03BOT41	Resource Botany	2	-	40	10	-	50	2
2	DSC-VIII	DSC03BOT42	Industrial Botany	2	-	40	10	-	50	2
3	MIN-VII	MIN03BOT41	Diversity of flowering plants	2	-	40	10	-	50	2
4	MIN-VIII	MIN03BOT42	Commercial Botany	2	-	40	10	-	50	2
5	VSC-PR-III	VSC03BOT49	Herbal Technology	-	4	-	-	25	25	2
6	DSC-PR-IV	DSC03BOT49	DSC- Botany Lab-4	-	8	-	-	50	50	4
7	MIN-PR-IV	MIN03BOT49	MIN- Botany Lab-4	-	4	-	-	25	25	2
Semester –IV Total				8	16	160	40	100	300	16

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Third Year Semester-V & VI

Sr. No.	Course Abbr.	Course code	Course Name	Teaching Scheme Hours/week		Examination Scheme and Marks				Course Credits
				TH	PR	ESE	CIE	PR	Marks	
Semester-V										
1	DSC-IX	DSC03BOT51	Mycology and Plant Pathology	2	-	40	10	-	50	2
2	DSC-X	DSC03BOT52	Plant Ecology	2	-	40	10	-	50	2
3	DSC-XI	DSC03BOT53	Plant Anatomy	2	-	40	10	-	50	2
4	DSC-XII	DSC03BOT54	Plant Physiology and Metabolism	2	-	40	10	-	50	2
5	DSE-I	DSE03BOT51	Plant Pharmaceutical Industry	2	-	40	10	-	50	2
6	VSC-PR-IV	VSC03BOT59	Hydroponics	-	4	-	-	25	25	2
7	FP	FPR03BOT51	Field Project	-	4	-	-	50	50	2
8	DSC-PR-V	DSC03BOT59	DSC Botany Lab-5	-	16	-	-	100	100	8
Semester –V Total				10	24	200	50	175	425	22
Semester-VI										
1	DSC-XIII	DSC03BOT61	Fundamentals of Plant Taxonomy	2	-	40	10	-	50	2
2	DSC-XIV	DSC03BOT62	Cytology and Genetics	2	-	40	10	-	50	2
3	DSC-XV	DSC03BOT63	Molecular Biology and Biotechnology	2	-	40	10	-	50	2
4	DSC-XVI	DSC03BOT64	Research Technique in Botany	2	-	40	10	-	50	2
5	DSE-II	DSE03BOT61	General Agriculture	2	-	40	10	-	50	2
6	VSC-PR-V	VSC03BOT69	Plant Nursery	-	4	-	-	25	25	2
7	OJT	OJT03BOT61	On Job Training	-	4	-	-	50	50	2
8	DSC-PR-VI	DSC03BOT69	DSC Botany Lab-6	-	16	-	-	100	100	8
Semester –VI Total				10	24	200	50	175	425	22

Abbreviations: TH-Theory, PR-Practical, PRO- Project, ESE- End Semester Examination, CIE-Continuous Internal Examination

Note: Minimum passing for 10 marks Internal evaluation = 04 marks
 Minimum passing for 40 marks Theory paper = 16 marks
 Minimum passing for 25 marks Practical = 10 marks
 Minimum passing for 50 marks Practical/FP/OJT = 20 marks
 Minimum passing for 100 marks Practical/FP = 40 marks

Passing percentage for Democracy, Election and Good Governance (DEGG) and Environmental Studies papers should be 40%

Separate passing for each Head - ESE, CIE and Practicals