

VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

Department of Zoology

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	DSC03ZOO11	Animal Diversity I	2	-	40	10	-	50	2
2	DSC-II	DSC03ZOO12	Cell biology	2	-	40	10	-	50	2
3	MIN-I	MIN03ZOO11	Animal Diversity I	2	-	40	10	-	50	2
4	MIN-II	MIN03ZOO12	Cell biology	2	-	40	10	-	50	2
5	OEC-I	OEC03ZOO11	Public health and hygiene	2	-	40	10	-	50	2
6	OEC-II	OEC03ZOO12	Hematology	2	-	40	10	-	50	2
7	IKS-I	IKS03GEC11	Indian Knowledge System	2	-	25	-	-	25	2
8	DSC-PR-I	DSC03ZOO19	DSC Zoology Lab-1	-	4	-	-	25	25	2
9	MIN-PR-I	MIN03ZOO19	MIN Zoology Lab-1	-	4	-	-	25	25	2
10	OEC-PR-I	OEC03ZOO19	OEC Zoology Lab-1	-	4	-	-	25	25	2
Semester –I Total				14	12	265	60	75	400	20
Semester-II										
1	DSC-III	DSC03ZOO21	Animal Diversity II	2	-	40	10	-	50	2
2	DSC-IV	DSC03ZOO22	Genetics	2	-	40	10	-	50	2
3	MIN-III	MIN03ZOO21	Animal Diversity II	2	-	40	10	-	50	2
4	MIN-IV	MIN03ZOO22	Genetics	2	-	40	10	-	50	2
5	OEC-III	OEC03ZOO21	Diversity in living organism	2	-	40	10	-	50	2
6	OEC-IV	OEC03ZOO22	Structural organization in Animals	2	-	40	10	-	50	2
7	VSC-PR-I	VSC03ZOO29	Vermicomposting	-	4	-	-	25	25	2
8	DSC-PR-II	DSC03ZOO29	DSC Zoology Lab-2	-	4	-	-	25	25	2
9	MIN-PR-II	MIN03ZOO29	MIN Zoology Lab-2	-	4	-	-	25	25	2
10	OEC-PR-II	OEC03ZOO29	OEC Zoology Lab-2	-	4	-	-	25	25	2
Semester –II Total				12	16	240	60	100	400	20

Departmental Teaching and Evaluation scheme

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	DSC03ZOO31	Animal physiology	2	-	40	10	-	50	2
2	DSC-VI	DSC03ZOO32	Evolution and Ethology	2	-	40	10	-	50	2
3	MIN-V	MIN03ZOO31	Mammalian physiology	2	-	40	10	-	50	2
4	MIN-VI	MIN03ZOO32	Evolutionary biology and Animal behavior	2	-	40	10	-	50	2
5	VSC-PR-II	VSC03ZOO39	Sericulture	-	4	-	-	25	25	2
6	DSC-PR-III	DSC03ZOO39	DSC-Zoology Lab-3	-	8	-	-	50	50	4
7	MIN-PR-III	MIN03ZOO39	MIN-Zoology Lab-3	-	4	-	-	25	25	2
Semester –III Total				8	16	160	40	100	300	16
Semester-IV										
1	DSC-VII	DSC03ZOO41	Principles Biochemistry	2	-	40	10	-	50	2
2	DSC-VIII	DSC03ZOO42	Biosystematics and Biodiversity	2	-	40	10	-	50	2
3	MIN-VII	MIN03ZOO41	Fundamentals Biochemistry	2	-	40	10	-	50	2
4	MIN-VIII	MIN03ZOO42	Taxonomy & Biodiversity	2	-	40	10	-	50	2
5	VSC-PR-III	VSC03ZOO49	Aquaculture	-	4	-	-	25	25	2
6	DSC-PR-IV	DSC03ZOO49	DSC-ZoologyLab-4	-	8	-	-	50	50	4
7	MIN-PR-IV	MIN03ZOO49	MIN-Zoology 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	DSC03ZOO51	Molecular biology	2	-	40	10	-	50	2
2	DSC-X	DSC03ZOO52	Animal Biotechnology	2	-	40	10	-	50	2
3	DSC-XI	DSC03ZOO53	Developmental Biology I	2	-	40	10	-	50	2
4	DSC-XII	DSC03ZOO54	Developmental Biology II	2	-	40	10	-	50	2
5	DSE-I	DSE03ZOO51	Applied Zoology	2	-	40	10	-	50	2
6	VSC-PR-IV	VSC03ZOO59	Goat farming	-	4	-	-	25	25	2
7	FP	FPR03ZOO51	Field Project		4			50	50	2
8	DSC-PR-V	DSC03ZOO59	DSC Zoology Lab-5	-	16	-	-	100	100	8
Semester –V Total				10	24	200	50	175	425	22
Semester-VI										
1	DSC-XIII	DSC03 ZOO61	Ecology and Toxicology	2	-	40	10	-	50	2
2	DSC-XIV	DSC03 ZOO62	Aquatic Biology	2	-	40	10	-	50	2
3	DSC-XV	DSC03 ZOO63	Immunology I	2	-	40	10	-	50	2
4	DSC-XVI	DSC03 ZOO64	Immunology II	2	-	40	10	-	50	2
5	DSE-II	DSE03 ZOO61	Parasitology	2	-	40	10	-	50	2
6	VSC-PR-V	VSC03 ZOO69	Poultry farming	-	4	-	-	25	25	2
7	OJT	OJT03 ZOO61	On Job Training		4			50	50	2
8	DSC-PR-VI	DSC03 ZOO69	DSC Zoology 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