

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Empowered Autonomous)
Department of Zoology




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. Zoology (Newly Introduced between 2018-19 to 2020-21)						
1	Animal Diversity	DSC - 1008A	2018-19	Employability Taxonomist	Entomology, Fisheries	Study focus on the classification and identification of Animal
2	Comparative anatomy and developmental biology of Vertebrates	DSC - 1008B	2018-19	Anatomy and Developmental studies Research assistant /Fellow	Anatomy and Histology	Study focus to develop on embryology and Developmental biology
3	Physiology and Biochemistry	DSC - 1008C	2019-20	Focused on the employability in human physiology and Research	Research laboratory	Contents related with hands on skill in animal physiology and biochemistry
4	Cell Biology, Genetics and Evolution	DSC - 1008D	2019-20	Focused on the employability in various branches of molecular biology	Tissue culture labs	Subjects contents involves lab practice and skill in physiology and biochemistry
5	Animal biotechnology	DSE- 1008E1	2020-21	Focused on the employability in bio-techniques	Research laboratories	Laboratory practice and skill development in Bio techniques
6	Applied zoology	DSE- 1008E2	2020-21	Focused on the self-employment	Entrepreneurship in various branches of applied Zoology	Skill development in Apiculture Fisheries, Dairy, Poultry etc
7	Ecology and Aquatic Biology	DSE- 1008F1	2020-21	Ecologist, Marine Biologist	Water quality and Toxicology	Skill development in various laboratory methods

8	Immunology	DSE-1008F2	2020-21	Focused on the employability in Immunological laboratories	Blood Bank	Immunological laboratory practice and skill development
B.Sc. Zoology (Revised between 2021-22 to 2023-24)						
9	Animal Diversity	DSC - 1008A	2021-22	Taxonomist	Entomology, Fisheries	Study focus on the classification and identification of Animal
10	Comparative anatomy and developmental biology of Vertebrates	DSC - 1008B	2021-22	Anatomy and Developmental studies Research assistant /Fellow	Anatomy and Histology	Study focus on embryology and Developmental biology
11	Mammalian Physiology and Biochemistry	DSC - 1008C	2022-23	Focused on the employability in human physiology and Research	Research laboratory	Contents related with hands on skill development in animal physiology and biochemistry
12	Cell Biology, Genetics, Evolution and Ethology-	DSC - 1008D	2022-23	Focused on the employability in various branches of molecular biology	Focused on the employability in various branches of molecular biology	Tissue culture labs
13	Molecular Biology and Bio techniques	DSE-1008E1	2023-24	Focused on the employability in Molecular and bio- techniques	Research Laboratory	Laboratory skill development in study bio-molecules
14	Developmental biology	DSE-1008E2	2023-24	Developmental Biologist		Study focus to develop on embryology and Developmental biology
15	Immunology	DSE-1008F1 & F2	2023-24	Focused on the employability in Immunological laboratories	Blood Bank	Immunological laboratory practice and skill development
16	Ecology and Toxicology	DSE-1008F3 & F4	2023-24	Ecologist, Toxicologist	Water quality and Toxicology	Skill development in various laboratory environmental Biology
B.Sc. Zoology NEP 2020 (Introduced in 2023-24)						
1	Animal Diversity I	DSC03Z OO11	2023-24	Employability Taxonomist	Entomology, Fisheries	Study focus on the classification and identification of Animal

2	Cell biology	DSC03Z OO12	2023-24	Focused on the employability in cell techniques	Cell culture laboratories	Subjects contents involves lab practice and skill development
3	Animal Diversity I	MIN03Z OO11	2023-24	Employability Taxonomist	Entomology, Fisheries	Study focus on the classification and identification of Animal
4	Cell biology	MIN03Z OO12	2023-24	Focused on the employability in cell techniques	Cell culture laboratories	Subjects contents involves lab practice and skill development
5	Public health and hygiene	OEC03Z OO11	2023-24	Opportunities in the health care field	Health Care	Subjects contents involves hygiene related Practices
6	Haematology	OEC03Z OO12	2023-24	As pathologist	Blood Bank	Hand on Practices and skill on the pathological techniques
7	Animal Diversity II	DSC03Z OO21	2023-24	Employability Taxonomist	Entomology, Fisheries	Study focus on the classification and identification of Animal
8	Genetics	MIN03Z OO21	2023-24	Focused on the employability in Molecular genetics	Bio-techniques in genetics	Laboratory skill in genetics
11	Applied Zoology	MIN03Z OO22	2023-24	Focused on the self-employment	Agriculture	Skill development in Apiculture Fisheries, Dairy, Poultry etc
12	Diversity in living organism	OEC03Z OO21	2023-24	Employability Taxonomist		Study focus on identification of Animal
13	Structural organization in Animals	OEC03Z OO22	2023-24	Anatomist		Study focus on identification of Animal
14	Vermicomposting	SEC03Z OO29	2023-24	Self-Employment	Agriculture	Development of Skills for Organic Agriculture




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