

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon
Dept. of Zoology

Programme Specific Outcome

Sr. No.	Programme Specific Outcome
PSO 1	Acquisition of knowledge of animal science to the pupils
PSO 2	Acquisition of the knowledge of nutrition, agriculture & live stock in their daily life
PSO 3	Awareness of natural resources and environment
PSO 4	Aptitude for scientific work & ability to pursue studies far beyond graduation
PSO 5	Life science as a career, which is the need now-a-day
PSO 6	Applications of scientific principles for organization of scientific exhibitions and competitions
PSO 7	Presentation skills and confidence in students
PSO 8	Skills in practical work, experiments, laboratory materials & handling of instruments
PSO 9	Interests in the subject
PSO 10	Enhancement of scientific attitude & scientific hobbies
PSO 11	Abilities to apply scientific methods, collection of scientific data, problem solving, Research Paper Writing, etc
PSO 12	Appreciation of the subject, contributions of scientists, scientific methods, scientific programs, etc

Course Outcome

Sr. No.	Class	Paper No.	Title of the Paper	Course Outcome
1	B. Sc. I	I	DSC 15A Animal Diversity I	<ol style="list-style-type: none"> 1. Aptitude for identification of Animals as per Scientific Classification. 2. Acquisition of knowledge of anatomy and histology of different animals from various groups of Kingdom Animalia
2		II	DSC 16A Animal Physiology	<ol style="list-style-type: none"> 1. Acquisition of knowledge of basic physiology and its relation to daily life. 2. Aptitude for identification of alteration in physiological processes by knowing symptoms of various diseases.
3		III	DSC 15B Cell Biology and Evolutionary Biology	<ol style="list-style-type: none"> 1. Inculcation of Knowledge of Cell as well as structure and function of its organelles. 2. Understanding various evolutionary theories and its relevance with present evidences.
4		IV	DSC 16B Genetics	<ol style="list-style-type: none"> 1. Inculcation of Knowledge of Genetics to solve criminal cases like pedigree analysis.
5	B. Sc. II	V	DSC 15C Animal Diversity II	<ol style="list-style-type: none"> 1. Aptitude for identification of Animals as per Scientific Classification. 2. Acquisition of knowledge of anatomy and histology of different animals from various groups of Kingdom Animalia
6		VI	DSC 16C Biochemistry	<ol style="list-style-type: none"> 1. Acquisition of knowledge of Biomolecules and their chemical processes.
7		VII	DSC 15D Reproductive Biology	<ol style="list-style-type: none"> 1. Acquisition of knowledge of anatomy and histology of reproductive organs in human being. 2. Acquisition of knowledge of process of reproduction and its hormonal control in human being. 3. Inculcation of Knowledge of assistive reproductive technology for human being.
8		VIII	DSC 16D Applied Zoology I	<ol style="list-style-type: none"> 1. Aptitude for identification of some pathogenic diseases and their control measures. 2. Acquisition of knowledge of host parasite

				relationship and its use in human welfare 3. Aptitude for application of modern technologies in poultry management and its use for human welfare.
9	B. Sc. III	IX	Functional Anatomy of Non-chordates	1. Acquisition of knowledge of anatomy and histology of different animals from Non chordates. 2. Aptitude for various aspects of Functional Anatomy of Non-chordates
10		X	Biostatistics, Bioinformatics and Medical Zoology	1. Acquisition of knowledge of Biostatistics for research. 2. Acquisition of knowledge of Bioinformatics for research. 3. Acquisition of knowledge of various pathogens, vectors, symptoms of diseases and preventive measures to avoid such diseases.
11		XI	Molecular Biology, Biotechnology and Biotechniques	1. Aptitude for various processes of Nucleic acids and their role in cellular mechanism. 2. Acquisition of knowledge of molecular modeling and their use to improve quality of human life. 3. Aptitude for use of various scientific instruments for molecular modeling.
12		XII	Endocrinology, Environmental Biology and Toxicology	1. Inculcate the knowledge of hormones and hormone related diseases. 2. Acquisition of knowledge of environmental factors for protection and conservation of environment. 3. Aptitude for identification of adverse effects of chemical substances on living organisms.
13		XIII	Comparative Anatomy of Vertebrates	1. Acquisition of knowledge of vertebrate anatomy to compare and decide evolutionary relationship.
14		XIV	Developmental Biology	1. Acquisition of knowledge of developmental patterns of different economical and research important animals
15		XV	Physiology	1. Aptitude for identification of alteration in physiological processes by knowing symptoms of various diseases.
16		XVI	Applied Zoology	1. Social and Economical growth of individual by applying knowledge of Applied Zoology.