



Ambegaon Taluka Vidya Vikas Mandal's
B. D. KALE MAHAVIDYALAYA, GHODEGAON
DEPARTMENT OF ZOOLOGY
F.Y.B.Sc. COURSE OUTCOME 2013 PATTERN
Semester- I & II
COURSE TITLE- ANIMAL SYSTEMATICS & DIVERSITY- I & II

Outcome
<ol style="list-style-type: none">1. The student will be able to understand taxonomy, systematics, classify and identify the diversity of animals and kingdom systems.2. Understanding basic animal classification.3. Understanding the importance of classification of animals of different phylum including Protozoa, Porifera, Cnidaria, Platyhelminthes, Aschelminthes, Annelida.4. Student will be understanding knowledge about life, habits and systems of Paramoecium, Earthworm and frog.5. The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.

COURSE TITLE- FUNDAMENTALS OF CELL BIOLOGY AND GENETICS

<ol style="list-style-type: none">1. Apply Mendelian genetic principles to predict outcomes of genetic crosses, interpret pedigrees and understand the basics of genetic inheritance.2: Recognize and explain the inheritance patterns and molecular basis of common genetic disorders, including both Mendelian and complex traits.3: Understand the concept of non - Mendelian genetics.4: Concept and characteristics of multiple alleles, ABO blood group system, Inheritance of Rh antigen, Erythroblastosis foetalis and their medicolegal importance.5. Demonstrate the knowledge of cell diversity.6. Explain the cell membrane, cell – cell interactions and its dynamics.7. Understand nuclear structure and cell organelles.8. Explain mitochondria and its functions.
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Head
Department of Zoology