Course Outcomes (COs)
Zoology B.Sc. III

ZOOLOGY – DSE 1008 E1 & DSE 1008 E2: Molecular Biology and Biotechniques and Animal Biotechnology

On the completion of this course student will be able to,

CO1. Understand the concept of gene and central dogma of molecular biology

CO2. Understand the techniques of molecular biology in the field of research

CO3. Compare the genetically modified organisms

CO4. Understand the cell and tissue culture techniques

CO5. Implement cell and tissue culture techniques in laboratory

ZOOLOGY – DSE 1008 E3 & DSE 1008 E4: Developmental Biology I and Developmental Biology II
On the completion of this course student will be able to,

CO1. Memorise structure of reproductive system and neuroendocrine regulation

CO2. Understand the chick embryology

CO3. Interpret the process of early embryonic development in mammals

CO4. Distinguish fundamental process of development

CO5. Describe process of gametogenesis, fertilization; types of cleavage and eggs

ZOOLOGY – DSE 1008 F1 & DSE 1008 F2: Immunology I and Immunology II
On the completion of this course student will be able to,

CO1. Understand the concept of immune system

CO2. Understand the functioning of immune system

CO3. Execute serological testing in laboratory

CO4. Distinguish between immune responses

CO5. Understand the types of hypersensitivity and autoimmune dieses

ZOOLOGY – DSE 1008 F3 & DSE 1008 F4: Ecology &Toxicology and Aquatic biology

On the completion of this course student will be able to,

CO1. Understand basic knowledge about ecology

CO2. Differentiate between toxins and toxic effects

CO3. Understand aquatic biomes and its functioning

CO4. Understand the marine biology and adaptation in marine animals

CO5. Demonstrate the physio-chemical factors of aquatic biomes

Dr. G. K. Sontakke
Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)