

Course Code	Course Name
ZOO-G-CC/GE-1	ANIMAL DIVERSITY
ZOO-G-CC/GE-2	COMAPARATIVE ANATOMY AND DEVELOPMENTAL BIOLOGY
ZOO-G-CC/GE-3	PHYSIOLOGY AND BIOCHEMISTRY
ZOO-G-CC/GE-4	GENETICS AND EVOLUTIONARY BIOLOGY
ZOO-G-DSE-A-5-1	APPLIED ZOOLOGY
ZOO-G-DSE-B-6-1	BIOLOGY OF INSECT
ZOO-G-SEC-A-3-1	APICULTURE
ZOO-G-SEC-B-4-2	AQUARIUM FISH KEEPING
ZOO-G-SEC-A-5-3	SERICULTURE
ZOO-G-SEC-B-6-4	MEDICAL DIAGNOSIS

Course Outcome

1.knowledge of different types of diversified Animals (both non-chordates and chordates) and also gather knowledge regarding the important systems of animals of each and every phylum or classes.

1.Understanding the basic concepts of probability and to find probabilities of various events. 2.Knowledge on fertilization of sea urchin, different aspects of development of animals as well as the placental connection between mother and embryo.

1.knowledge about important aspects such as nervous system, digestive system, heart, respiration as well as hormonal control within the body. 2.knowledge about several important bio-chemical pathways and enzymes.

1.knowledge regarding the basic concept of Mendelian genetics and its application in biology, Mutation etc. 2. knowledge about the origin of life, different evolutionary forces and changes and speciation in different animals.

1. Understand the concepts of Animal husbandry, Parasite functions and their life cycle as well as used to get knowledge about Fishery and its application in Biotechnology.

1.knowledge about different important Insect orders, their morphology and some of their disease vectors as well as the control measures.

1. Understand basics of the life cycle of honey bees, their caste system, rearing of honey bees, honey production as well as knowledge of bee keeping industry.

1.Understanding the knowledge of Fish technology, Aquarium , Biology of several Aquarium fishes etc.

1.Understand basics of the life cycle of Bombyx mori, silk production, silk gland, as well as knowledge of entrepreneurship in sericulture.

1.Understanding the knowledge of several techniques associated with Medical laboratories as well as concept of Cancers, several genetic diseases and genetic counselling.