



Joya Gogoi College
Khumtai-785619
Golaghat (Assam)
Affiliated to Dibrugarh University

B. Sc Zoology	
CBCS (Honours)	
Semester I	
Course Name	Course Outcome
ZC101T NON-CHORDATES I:PROTISTS TO PSEUDOCOELOMATES	Through this course the students can learn about various types of Protozoa and animals having false coelom, their parasitic forms and their pathogenecity.
ZC102T PRINCIPLES OF ECOLOGY	Through this course the students will be able to know about ecosystem, community, details of ecological population and various conservation strategies of wildlife.
GE I ANIMAL DIVERSITY	The students can identify the difference betweeninvertebrates and vertebrates based on their general characters and distinctive characters.
Semester II	
ZC203T NON-CHORDATES II:COELOMATES	The students can learn about different types of coelomate animals, larval forms and their evolutionary significance.
ZC204T CELL BIOLOGY	Through this course the students can learn about cell, its organelles and their functions.
GE II INSECT VECTORS AND DISEASES	Through this paper students can learn about general morphology of insect, their classification, different orders of insects as vectors of diseases.
Semester III	
ZC305T DIVERSITY OF CHORDATA	The students will be able to know about chordate animals and its various types and their distribution around the world.
ZC306T ANIMAL PHYSIOLOGY: CONTROLLING AND COORDINATING SYSTEMS	The students can learn about various physiological systems of the body of animals, functions of the components of the system and how it works.
ZC307T FUNDAMENTALS OF BIOCHEMISTRY	Through this course the students can learn the biomolecules consisting our body cells, their functions, and their importance.
GE III HUMAN PHYSIOLOGY	Through this course the students can learn about different physiological systems of human body, mechanism, and its functions.
Semester IV	
ZC408T	The students can learn about anatomy of different

COMPARATIVE ANATOMY OF VERTEBRATES	vertebrate animals and their comparisons
ZC409T ANIMAL PHYSIOLOGY:LIFE SUSTAINING SYSTEMS	Through this course the students can learn about various physiological systems of animals, how it works and their functions.
ZC410T BIOCHEMISTRY OF METABOLIC PROCESS	The students can learn about basics of metabolism, its necessity and different metabolism systems existing in our body.
GE IV ENVIRONMENT AND PUBLIC HELTH	Through this paper the students can learn about sources of environmental pollution, causes of climate change, waste management technologies and various diseases cause by environmental pollution.
Semester V	
ZC511T MOLECULAR BIOLOGY	The students can learn about molecular mechanism of existence of animals.
ZC512T PRINCIPLES OF GENETICS	This paper helps students to know about basics of genetics, genetical problems, cause of genetic mutation.
ZD503T ENDOCRINOLOGY	Through this paper the students can learn about various endocrine types of glands of human body, their structure, and their functions.
ZD504T BIOLOGY OF INSECTA	The students can learn about INSECTS Morphology, Taxonomy, Physiology and insect vectors.
Semester VI	
ZC613T DEVELOPMENTAL BIOLOGY	Through this paper the students can learn about embryonic development of animals, its various stages and implications of developmental biology.
ZC614T EVOLUTIONARY BIOLOGY	The students can learn about various evidences of evolution of man, molecular analysis of human origin, reasons of variation among human beings,
ZD608T IMMUNOLOGY	Through this paper the students can learn about immune system of living organism, types of immunity, molecular composition of immunomolecules, vaccines: its types and its preparation.
ZD609T PARASITOLOGY	The students can learn about various parasitic forms of both non chordates and chordate animals, morphology of parasites, their pathogenecity , prophylaxis and treatment.