

CHANDIDAS MAHAVIDYALAYA

A Govt. Aided Degree College Affiliated to the University of Burdwan.

UGC Accredited under section 2(f) & 12(B) [1979] * NAAC Accredited in 2016 (2nd Cycle)

KHUJUTIPARA □ Dist.- BIRBHUM □ WEST BENGAL □ INDIA-731215

www.chandidasmahavidyalaya.ac.in

☎ - 9474614644



cmahavidyalaya1972@gmail.com

☎ - 8371069569

Estd. - 1972

Ref. No.....




Date.....




Department of Zoology B.Sc. Zoology (General) Programme Program Specific Outcomes

After graduating with a degree in Zoology, the students have a wide scope in different fields. Apart from opting for higher studies, the students can also build their carrier in a variety of related branches of science:

- Related paramedical fields such as health sciences.
- Agricultural sciences
- Food technology and Processing
- Wildlife officers
- Marine Biologist
- Professional field such as Poultry, Sericulture, apiculture, Pisciculture, dairy etc.


Teacher - in - Charge
Chandidas Mahavidyalaya
Khujutipara, Birbhum


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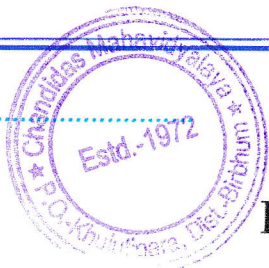


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Department of Zoology B.Sc. Zoology (General) Programme Course Outcomes

CORE COURSES (CC)	
Course Name	Course Outcome
CC IA: ANIMAL DIVERSITY	This course includes a theory as well as a practical paper. After completion of this course, students would be able to understand-animal diversity around us, underlying principles of classification of animals and differences and similarities among the various animal groups etc.
CC IB: COMPARATIVE ANATOMY AND DEVELOPMENTAL BIOLOGY OF VERTEBRATES	This course includes a theory as well as a practical paper. At the end of this course, students would have a clear idea about - the anatomy of various systems in the vertebrates including mammals, early and systematic embryological development in vertebrates, principles and process of fertilization and cleavage and Identify the developmental stages in vertebrates etc.
CC IC: PHYSIOLOGY AND BIOCHEMISTRY	This course includes a theory as well as a practical paper. After completion of this course, students would be able to explain- various physiological processes in mammals including human, reproductive cycles with hormonal control, basic terms in biochemistry, structure, functions and reactions of the various biomolecules and correlate the changes in the levels of these biomolecules with the diseases in human etc.
CC ID: GENETICS AND EVOLUTIONARY BIOLOGY	This course includes a theory as well as a practical paper. After completion of this course, students would have clear idea about- the basic terms in genetics, concept of linkage groups and gene frequency, DNA structure, mutation, origin of life, various processes and theories of evolution, speciation etc.

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DISCIPLINE SPECIFIC ELECTIVE COURSES (DSE)

Course Name	Course Outcome
DSE 1A: APPLIED ZOOLOGY	This course includes a theory as well as a practical paper. After successfully completing this course students would gain knowledge about- various vectors, parasitic diseases and their impact on human health, different pests and their management, poultry and genetic improvement technique in fishes etc.
DSE 1A (OR): AQUATIC BIOLOGY	This course includes a theory as well as a practical paper. After successfully completing this course students would be able to understand various concept and process of fisheries and their scopes etc.
DSE 1B: IMMUNOLOGY	This course includes a theory as well as a practical paper. After successfully completing this course students would have a clear idea about the basic concepts of immunology, role of different cells of the immune system in disease protection, concepts of antibody and antigen and various immunological techniques etc.
DSE 1B (OR): INSECT, VECTOR AND DISEASES	This course includes a theory as well as a practical paper. After successfully completing this course students would have a clear idea about the concept of vectors and role of vectors in various human diseases in detail.


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SKILL ENHANCEMENT COURSES (SEC)	
Course Name	Course Outcome
SEC 1: APICULTURE	This course includes a theory paper. After completion of this course students would gain knowledge about the process off rearing of honey bees, the various diseases affecting honey bees and the mechanism of the disease prevention, the future prospects of apiculture etc.
SEC 2: MEDICAL DIAGNOSTICS	This course includes a theory paper. After completion of this course students would be able to understand principles of various biomedical techniques and their uses for the identification of various human diseases etc.
SEC 3: SERICULTURE	This course includes a theory paper. After completion of this course students would have a clear idea about the processes of sericulture, various diseases affecting silk moth and the prevention mechanism of these diseases, silk isolation and processing and the future prospects of silk industry etc.
SEC 4: COMMUNITY NUTRITION AND HEALTH STATISTICS	This course includes a theory paper. After completion of this course students would gain knowledge about the various terminologies used in community nutrition and health informatics, different bio-statistical methods for analysing community functioning etc.


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