

Department of Zoology

Vision

Enlightening the students with total dedication to bring out the hidden skills, creativity and human excellence with due emphasis on knowledge about recent development in the field of biology and mould them as responsible citizens.

Mission

Metamorphosing the students holistically through seminars, symposia, guest lectures, group discussions, shared class experiences, assignments, nature club, job opportunities, and healthy practices to express the excellence within.

Program Educational Objectives:

PEO1	Enhanced the professional skills by means of continuous education and development.
PEO2	Express a mastery of discipline, precise information and exhibit analytical and practical skills. Exhibit professional interigrity and the capability for ethical decision making
PEO3	Graduate will recognize the need and apply their knowledge in general and various discipline areas.
PEO4	Pursue lifelong learning and continuous improvement of their knowledge and skills in the diverse field with the highest professional and ethical standards.
PEO5	Skill to function on multidiscipline environment to meet desired needs within realistic constraints such as environmental, social, ethical, health, safety, and sustainability

Department of Zoology

1.1.1 b) 2021 batch- V and VI semester

Program Outcomes:

PO1	Students gain information and skill in the fundamentals of animal sciences, understands the multifarious connections along with different living organisms.
PO2	Students achieve knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms. Correlates the physiological, Biochemical processes of animals and relationship of organ systems.
PO3	Understanding of environmental conservation processes, pollution control methods and its importance. Students also gain knowledge and awareness about biodiversity as well as the importance of protection of endangered species.
PO4	Understands about various concepts and importance of Biotechnology, Bioinformatics, Genetics, Genetic engineering in industry and day today human life.
PO5	Students will be able to compare and distinguish the characteristics of animals that discriminate them from other forms of life.
PO6	Achieve knowledge in applied fields like Sericulture, Aquaculture and Apiculture alongside Statistical and Laboratory techniques.
PO7	Understanding of Zoology to one's own life and apply the knowledge judiciously and remain constantly employable.

Program Specific Outcomes:

PSO – 01	To understand the life of organisms with their diversity, morphological, ecological, physiological and evolutionary significance at cellular and molecular level.
PSO – 02	To understand the principals and applications of zoology in daily life by equipping practical and field based study knowledge.

HoD


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COs 2021Batch

Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY507			Title	Batch:	2021 – 2024
Lecture Hrs./Week	5	Tutorial Hrs./Sem.	--	Core- V Developmental Biology	Semester:	V
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the steps and advancements in the developmental biology	K1
CO2	Comprehend embryonic formation and developmental stages with suitable example	K2
CO3	Apply functional knowledge on developmental biology into the frontier sciences	K3
CO4	Sort of embryonic development and its functional applications	K4
CO5	Study about the organogenesis	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	H	M	L	M	M	M	H	M
CO2	M	H	M	M	M	M	M	M	L
CO3	H	M	M	M	H	M	H	H	H
CO4	M	H	L	L	M	L	H	M	M
CO5	H	M	M	M	M	M	M	H	H

H-High; M-Medium; L-Low


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Programme code:	B. Sc.,	Programme Title :	Zoology
Course Code:	21UZY508	Title:	Batch : 2021-2024
		Core – VI Biotechnology (skill enhanced course)	Semester V
Lecture Hrs/Week	5	Tutorial Hrs/Sem	--
			Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge level
CO1	Impart comprehensive understanding of the principles and practices of biotechnology.	K1
CO2	Understand the different blotting techniques, PCR and DNA Fingerprinting	K2
CO3	Apply various aspects of animal biotechnology including media preparations of cell culture and Transgenic animals	K3
CO4	Analyze animal tissue culture and demonstrate the components and design of a bioreactor	K4
CO5	Evaluate the bio-safety, bioethics and intellectual property rights.	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	H	M	H	H	L	H	H	H
CO2	L	H	M	H	M	L	H	M	M
CO3	L	H	L	H	H	M	H	H	H
CO4	M	M	M	H	M	L	H	M	H
CO5	L	H	L	H	L	M	H	H	M

H-High; M-Medium; L-Low


HoD

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Programme Code:	B.Sc.,	Programme Title:	Zoology	
Course Code:	21UZY509	Title	Batch:	2021 – 2024
		Core - VII BioStatistics and BioPhysics	Semester :	V
Lecture Hrs./Week	5	Tutorial Hrs./Sem.	Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Recollect the concepts of biostatistics and biophysics	K1
CO2	Understand the formula and principles used in biology	K2
CO3	Understand the principle of TEM and SEM	K3
CO4	Analyze the importance about instruments in biological laboratory	K4
CO5	Apply different data used in biological samples	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	H	M	M	H	L	H	M	M
CO2	L	M	H	L	M	H	H	M	H
CO3	M	M	M	M	M	M	M	H	M
CO4	M	H	H	M	H	M	H	M	H
CO5	M	M	M	M	M	M	H	M	M

H-High; M-Medium; L-Low

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY510			Title	Batch:	2021 – 2024
Lecture Hrs./Week	5	Tutorial Hrs./Sem.	--	Core - VIII Biochemistry	Semester:	V
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember basic principles of biochemistry, structure of chemical bonds and their significance in biological system	K1
CO2	Understand the structure and function of carbohydrates, their metabolism and regulatory mechanisms.	K2
CO3	Analyse the role of lipids and fatty acids in various regulatory mechanisms and their metabolism and regulation.	K3
CO4	Apply the knowledge how proteins, enzymes and vitamins influence the biological processes and their architecture.	K4
CO5	Integrate the knowledge of vitamins and enzymes in various industries and interpret the mechanism of action of various drugs and their catalytic properties.	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	H	--	M	L		M	M	M
CO2	--	M	--	M	--	--	L	M	M
CO3	--	M	--	M	--	--	L	M	M
CO4	L	H	M	H	L	--	M	H	M
CO5	--	M	--	M	--	--	H	M	H

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Programme Code:	B.Sc.,	Programme Title:	Zoology
Course Code:	21UZY5E1	Title	Batch: 2021 – 2024
Lecture Hrs./Week	4	Core Elective Paper - I Medical Laboratory Techniques	Semester: V
	Tutorial Hrs./Sem.	--	Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the structure and function of medical laboratory instruments	K1
CO2	Understand the methods used in medical laboratory	K2
CO3	Apply knowledge about laboratory diagnosis	K3
CO4	Analyze and estimation of CSF, urine, faeces, sputum and semen	K4
CO5	Acquire the knowledge about laboratory techniques	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	H	L	L	H	H	M	M	H
CO2	M	M	L	L	M	H	M	M	H
CO3	H	M	M	M	M	H	H	M	H
CO4	M	M	M	M	M	M	M	M	H
CO5	H	M	M	M	M	M	H	M	H

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Programme Code:	B.Sc.	Programme Title:	Zoology
Course Code:	21UZY5E2	Title	Batch: 2021 – 2024
Lecture Hrs./Week	4	Core Elective Paper - I Poultry Science and Management Technology	Semester: V
	Tutorial Hrs./Sem.		Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the role of poultry science	K1
CO2	Get the idea on poultry house and management.	K2
CO3	Execute feed formulation for broiler, layer and breeders.	K3
CO4	Evaluate the nutritive value of poultry meat and egg.	K4
CO5	Analyze the appropriate of livestock transport and marketing.	K4

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	M	M	L	H	H	M	H	M
CO2	M	M	M	L	M	H	M	H	M
CO3	H	H	H	M	M	H	H	H	H
CO4	M	M	M	M	M	M	M	M	M
CO5	H	H	H	M	M	M	H	M	H

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Programme Code:	B.Sc.,	Programme Title:	Zoology
Course Code:	21UZY5E3	Title	Batch: 2021 – 2024
Lecture Hrs./Week	4	Core Elective Paper – I Haematology and Clinical pathology	Semester: V
	Tutorial Hrs./Sem. --		Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the methods of blood analysis and disease diagnostics	K1
CO2	Understand the methods used in blood cells count and blood chemistry	K2
CO3	Apply knowledge about laboratory diagnosis	K3
CO4	Analyze and blood samples and organs diagnostics methods	K4
CO5	Acquire the knowledge about laboratory techniques	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	M	M	L	H	H	M	M	H
CO2	M	M	M	L	M	H	M	M	H
CO3	H	H	H	M	M	H	H	M	H
CO4	M	M	M	M	M	M	M	M	H
CO5	H	H	H	M	M	M	H	M	H

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Programme Code:	B.Sc.			Programme Title:	Zoology	
Course Code:	21UZY614			Title	Batch:	2021 – 2024
Practical Hrs./Week	2	Tutorial Hrs./Sem.	10	Core Lab- III: Developmental Biology, Animal Physiology & Endocrinology, Biostatistics & Biophysics, Biochemistry, Polutry science managment , Heamatology and Clinical pathology & MLT (Non-Semester Pattern)	Semester:	V & VI
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Recollect the importance of laboratory test	K3
CO2	Understand the normal level of various human physiological parameters	K4
CO3	Apply the instruments used in biological experiment.	K5
CO4	Understand the structure and functions of endocrine glands.	K4
CO5	Know about the importance of blood cell count.	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	L	L	L	H	M	H	H	H
CO2	H	M	M	L	M	H	H	H	M
CO3	M	M	M	M	H	M	H	M	H
CO4	M	M	M	H	H	H	H	H	H
CO5	M	M	M	M	H	M	H	H	H

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Programme Code:	B.Sc.,		Programme Title:	Zoology	
Course Code:	21UZY615		Title	Batch:	2021 – 2024
Practical Hrs./Week	2	Tutorial Hrs./Sem.	Core Lab- IV: Ecology, Evolution, Biotechnology, Microbiology , Sericulture, Insect Pest Management, Parasitology and Aquaculture, Dairy farming and Management Technology, Wildlife Conservation (Non-Semester Pattern)	Semester:	V & VI
				Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Apply the knowledge on Ecology, Evolution concepts in real time experiments	K3
CO2	Analyse the different water quality parameters, microbial culture and morphometric measurement of fish.	K4
CO3	Understand the techniques and the same in Biotechnology and Microbiology experiments	K5
CO4	Analyse the real time problems in Sericulture and Aquaculture	K4
CO5	Understand the environment quality and critically evaluate and solve	K6

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	--	H	H	L	M	H	H	M
CO2	--	--	M	M	--	M	H	M	M
CO3	L	L	M	H	--	M	M	M	L
CO4	L	--	M	--	--	H	M	M	M
CO5	--	--	M	M	--	H	H	H	M

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY5AL			Title	Batch:	2021 – 2024
Lecture Hrs./Week	–	Tutorial Hrs./Sem.	–	Advanced Learner Course -1 Bioinformatics	Semester:	V
					Credits:	5*

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the basic bioinformatic tools	K1
CO2	Comprehend the genomic study and sequence analysis	K2
CO3	Apply the basic knowledge of drug designing	K3
CO4	Sort the core principles of Bioinformatics	K4
CO5	Acquire knowledge about the phylogenetic analysis	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	H	M	H	H	M	M	M	H
CO2	H	M	L	M	M	L	H	H	M
CO3	M	H	M	H	H	M	H	M	H
CO4	H	M	L	M	M	L	M	H	M
CO5	M	H	L	H	H	M	H	M	H

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Programme code:	B. Sc.,	Programme Title :	Zoology	
Course Code:	21UZY5S1	Title	Batch :	2021 – 2024
Lecture Hrs/Week	1	Tutorial hours/Sem --	Skill Based Elective	Semester
			Paper –I	V
			Bee Keeping and Honey Processing (SBE)	Credits: 2

Course Objectives

Understanding the biology, rearing and management of honeybees and study the interaction of bees with plants.

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the steps involved in modern bee keeping techniques and its practical Difficulties	K1
CO2	Comprehend methodologies involved in bee keeping	K2
CO3	Apply modern tools in bee keeping and value added product preparation	K3
CO4	Validate different bee keeping techniques	K4
CO5	Acquire the knowledge about byproducts of honey bee	K5

Mapping

PO /PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	M	M	M	M	H	H	M	H
CO2	H	H	L	L	M	H	H	M	M
CO3	H	M	L	M	L	M	H	M	H
CO4	H	L	M	L	M	H	H	L	H
CO5	H	M	L	L	L	M	H	M	H

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY5S2			Title	Batch:	2021 – 2024
Lecture Hrs./Week or Practical Hrs./Week	1	Tutorial Hrs./Sem.	-	Skill based Elective –I Cyber Security- Ethical Hacking (SBE online)	Semester:	V
			-		Credits:	2

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the basic concepts of cyber security	K1
CO2	Understand the knowledge about ethical hacking	K2
CO3	Deploy the use of hacking tools	K3
CO4	Analyze the details about internet connection	K4
CO5	Create awareness about cyber security	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	--	--	--	--	--	--	M	L	M
CO2	--	--	--	--	--	--	M	L	M
CO3	--	--	--	--	--	--	M	M	M
CO4	--	--	--	--	--	--	M	L	L
CO5	--	--	--	--	--	--	M	M	M

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY611			Title	Batch:	2021 – 2024
Lecture Hrs./Week or Practical Hrs./Week	5	Tutorial Hrs./Sem.	--	Core-IX Animal Physiology & Endocrinology	Semester:	VI
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the physical, physiological structure and bio chemical activities at cellular Level	K1
CO2	Understand the comprehend physiological activity of organ system and bio chemical activity of cells	K2
CO3	Apply the functional knowledge on various organs and endocrine glands	K3
CO4	Correlate the physiological activities with the anatomical structure and apply the recent techniques to study the same	K4
CO5	Evaluate the role of physiology and endocrinology in environmental knowledge	K5

Mapping

PO /PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	H	-	-	M	--	M	M	H
CO2	H	H				M	L	H	M
CO3	--	M	--	--	L	M	--	M	M
CO4	--	M	--	--	L	--	L	H	M
CO5	--	L	M	--	--	--	M	M	M

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Programme Code:	B.Sc.,	Programme Title:	Zoology
Course Code:	21UZY612	Title	Batch: 2021 – 2024
Lecture Hrs./Week or Practical Hrs./Week	5	Core-X Ecology and Evolution	Semester: VI
	Tutorial Hrs./Sem.		Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Recollect the importance of abiotic factors and origin of life	K1
CO2	Understand the basic concepts of animal relationship and fossils	K2
CO3	Apply knowledge about animal ethics and evidences of evolution	K3
CO4	Analyze the animal population and organic evolution of man	K4
CO5	Gain the knowledge about biogeochemical cycles.	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	H	H	M	H	L	M	H	H
CO2	M	H	H	M	M	H	L	M	H
CO3	M	H	H	L	M	H	H	M	H
CO4	H	H	H	L	M	H	M	H	H
CO5	M	H	H	H	M	M	L	H	H

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY613			Title	Batch:	2021 – 2024
Lecture Hrs./Week	5	Tutorial Hrs./Sem.	--	Core XI - Microbiology and Immunology-Skill enhancement course	Semester:	VI
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the scope of microbiology and immunology	K1
CO2	Understand the classification of microorganisms and immunity	K2
CO3	Apply the knowledge about applied microbiology	K3
CO4	Analyse the types of Immunity involved in our body against pathogen	K4
CO5	Acquire the knowledge of microorganisms and immunity	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	M	H	H	M	H	H	H	H
CO2	H	M	H	H	M	H	H	H	M
CO3	M	H	H	H	M	H	H	H	H
CO4	M	H	H	H	M	H	H	M	H
CO5	H	M	H	H	M	H	H	M	H

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY6E4			Title	Batch:	2021 – 2024
Lecture Hrs./Week	4	Tutorial Hrs./Sem.	--	Core Elective Paper - II Sericulture	Semester:	VI
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the historical background of Sericulture and importance of agricultural production.	K1
CO2	Get the idea for increasing cocoon productivity and to prevent silkworm diseases	K2
CO3	Execute the construction of rearing house and self employment in silkworm rearing	K3
CO4	Analyze this course for employment and job opportunities in the public, private and Govt.sectors	K4
CO5	Assess the Knowledge of Central Silk Board and its functions.	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	L	M	M	M	M	H	M	M
CO2	H	H	L	M	M	H	M	M	M
CO3	M	L	M	L	H	M	H	H	H
CO4	M	M	L	M	M	H	H	M	H
CO5	M	L	L	L	M	H	M	L	L

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,	Programme Title:	Zoology
Course Code:	21UZY6E5	Title	Batch: 2021 – 2024
Lecture Hrs./Week	4	Core Elective Paper- II Insect Pest Management	Semester: VI
	Tutorial Hrs./Sem.		Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember agricultural pest and their management	K1
CO2	Understand the control of pest management	K2
CO3	Apply modern methods in agricultural field	K3
CO4	Interpret application of pesticide	K4
CO5	Acquire the knowledge about different types of pests	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	L	M	L	M	H	H	M	M
CO2	H	L	H	M	M	H	M	M	M
CO3	M	M	L	L	H	M	H	H	H
CO4	H	L	M	M	M	H	H	M	H
CO5	M	M	L	L	M	H	M	M	L

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY6E6			Title	Batch:	2021 – 2024
Lecture Hrs./Week	4	Tutorial Hrs./Sem	-	Core Elective – II	Semester:	VI
				Parasitology	Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the diversity of parasites	K1
CO2	Comprehend the parasite-host relationship	K2
CO3	Apply Medical Importance of parasites	K3
CO4	Analyse the Life cycle of parasites	K4
CO5	Recollect the knowledge on parasitic diseases in human	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	L	L	L	M	L	M	H	L	H
CO2	L	M	L	L	M	L	M	M	H
CO3	M	M	M	M	M	M	H	L	M
CO4	L	M	L	L	M	L	M	M	H
CO5	M	L	M	M	L	M	H	L	M

H-High; M-Medium; L-Low

HoD

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Programme code:	B.Sc	Programme Title :	Zoology	
Course Code:	21UZY6E7	Title	Batch :	2021-2024
		Core Elective Paper-III Aquaculture	Semester	VI
Lecture Hrs/Week:	5	Tutorial hours	---	Credits: 4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the environmental assessment strategies and management systems.	K1
CO2	Evaluate the freshwater and brackish water resources for aquaculture	K2
CO3	Apply the knowledge in food sectors, hatchery and nursery operations	K3
CO4	Analyze and apply the knowledge of aquaculture in composite fish farming	K4
CO5	Identify fish diseases and explain induced breeding techniques	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	H	M	L	M	M	H	M	H
CO2	M	H	L	M	M	H	H	M	H
CO3	M	M	H	L	M	M	H	M	M
CO4	H	H	M	M	L	M	H	L	H
CO5	M	H	M	L	M	L	H	M	H

H-High; M-Medium; L-Low

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY6E8			Title	Batch:	2021 – 2024
Lecture Hrs./Week	5	Tutorial Hrs./Sem.	--	Core Elective Paper – III Wildlife Conservation	Semester:	VI
					Credits:	4

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the importance of forest, wildlife conservation and its management techniques	K1
CO2	Understand the methods used in wildlife census	K2
CO3	Apply knowledge about conservation on Indian wildlife	K3
CO4	Analyze and estimate different animal population	K4
CO5	Acquire the knowledge about priorities in wildlife conservation	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	L	H	L	M	--	M	H	M
CO2	L	--	H	--	M	L	M	M	M
CO3	--	--	H	--	L	--	H	H	M
CO4	--	--	H	--	M	L	M	M	L
CO5	--	--	H	--	L	L	M	H	M

H-High; M-Medium; L-Low

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Programme code:	B. Sc.,	Programme Title :	Zoology	
Course Code:	21UZY 6E9	Title	Batch :	2021-2024
		Core Elective Paper-III Dairy Farming and Management Technology	Semester	VI
Hrs/Week:	5		Credits:	4

Course Outcomes

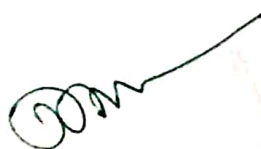
On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember knowledge of dairy farming and milk product	K1
CO2	Deduce the Breeding practices in dairy farm	K2
CO3	Apply the knowledge in Production of condensed and dried milks	K3
CO4	Sort of the Food safety and quality assurance.	K4
CO5	Assess the knowledge nutritive value of milk.	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	M	M	L	M	M	H	H	H
CO2	M	L	L	L	L	H	H	M	M
CO3	H	M	M	M	M	M	H	H	H
CO4	M	L	L	L	H	L	H	M	H
CO5	M	M	L	M	M	M	H	M	M

H-High; M-Medium; L-Low



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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY6AL			Title	Batch:	2021 – 2024
Lecture Hrs./Week	-	Tutorial Hrs./Sem.	--	Advanced Learner Course- Immuno therapeutics	Semester:	VI
					Credits:	5*

Course Objective

To acquire the Knowledge of diseases and working mechanisms and test against infectious diseases.

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the concepts of infections.	K1
CO2	Understand the Knowledge about immunotechniques	K2
CO3	Analyse the diseases by diagnostic methods	K3
CO4	Deploy the biosynthesis of antibodies	K4
CO5	Assess the various tests used to detect the diseases	K5

Mapping

PO /PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	L	M	L	H	H	M	M	H
CO2	M	M	L	L	M	H	M	M	H
CO3	L	M	M	M	M	H	H	M	H
CO4	M	M	M	M	M	M	M	M	H
CO5	M	M	M	M	M	M	H	M	H

H-High; M-Medium; L-Low


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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY6S3			Title	Batch:	2021 – 2024
Lecture Hrs./Week or Practical Hrs./Week	1	Tutorial Hrs./Sem.	--	SEC - III Naan Muthalvan Vermiculture	Semester:	VI
					Credits:	2

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the role of worm farming in Modern Farming	K1
CO2	Understand Economic importance of vermiculture	K2
CO3	Deploy role of Vermiculture in protecting the environment and managing the waste	K3
CO4	Analyze the potential of vermicompost as an alternative to chemical fertilizers	K4
CO5	Acquire the knowledge about various type of earthworm	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	M	M	H	M	M	H	H	M
CO2	H	H	M	H	M	L	M	M	M
CO3	H	L	L	H	M	L	M	M	H
CO4	M	M	L	H	H	H	H	M	H
CO5	H	M	M	M	L	M	M	M	M

H-High; M-Medium; L-Low

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Programme Code:	B.Sc.,			Programme Title:	Zoology	
Course Code:	21UZY6S4			Title	Batch:	2021 – 2024
Lecture Hrs./Week or Practical Hrs./Week	1	Tutorial Hrs./Sem.	-	Skill Based Elective - II Biopharmaceuticals (SBE)	Semester:	VI
					Credits:	2

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the Routes of administration in biological systems and models	K1
CO2	Understand the drug metabolism	K2
CO3	Implement the microbial products in pharmaceutical industry	K3
CO4	Discuss the DNA technology in Pharmaceutical products	K4
CO5	Acquire the knowledge about a uses of probiotics	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	M	--	H	--	M	H	H	M
CO2	--	M	--	H	--	--	M	L	M
CO3	--	--	--	H	--	--	M	M	H
CO4	--	--	--	H	--	H	H	M	H
CO5	--	--	--	M	--	M	M	L	M

H-High; M-Medium; L-Low

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Department of Zoology

1.1.1 b) 2022 Batch – III and IV semester

Program Outcomes:

PO1	Scientific Temper, Individual and Team Work Communication Students gain information and skill in the fundamentals of animal sciences, understands the multifarious connections along with different living organisms.
PO2	Inter-disciplinary Exposure Students achieve knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms. Correlates the physiological, Biochemical processes of animals and relationship of organ systems.
PO3	Education and Society Environment and Sustainability Understanding of environmental conservation processes, pollution control methods and its importance. Students also gain knowledge and awareness about biodiversity as well as the importance of protection of endangered species.
PO4	Vocational and Industry Exposure Understands about various concepts and importance of Biotechnology, Bioinformatics, Genetics, Genetic engineering in industry and day today human life.
PO5	Problem Analysis Students will be able to compare and distinguish the characteristics of animals that discriminate them from other forms of life.
PO6	Innovation and Entrepreneurship Achieve knowledge in applied fields like Sericulture, Aquaculture and Apiculture alongside Statistical and Laboratory techniques.
PO7	Life-long Learning Understanding of Zoology to one's own life and apply the knowledge judiciously and remain constantly employable.

Program Specific Outcomes:

PSO – 01	To understand the life of organisms with their diversity, morphological, ecological, physiological and evolutionary significance at cellular and molecular level.
PSO – 02	To understand the principals and applications of zoology in daily life by equipping practical and field based study knowledge.

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Coimbatore District

Programme Code:	B.Sc.,		Programme Title:	Bachelor of Zoology	
Course Code:	22UZY304		Title	Batch:	2022 – 2025
Lecture Hrs./Week	6	Tutorial Hrs./Sem.	Core III - Cell Biology	Semester:	III
				Credits:	5

Course Objectives
To study the basic concepts, principles, techniques and recent development of cell biology

Course Outcomes
On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the structural and functional aspects of basic units of life	K1
CO2	Understand the overview of cells and organs that control biological system	K2
CO3	Apply the knowledge of origin, development and differentiation of different cells.	K3
CO4	Analyse the structure and functions of cell organelles.	K4
CO5	Evaluate the cell constituents and their biological activities.	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	H	L	M	H	M	H	H	H
CO2	M	H	M	L	M	L	H	M	H
CO3	M	M	M	M	H	M	M	H	M
CO4	M	H	M	M	H	M	H	M	H
CO5	H	M	M	L	M	H	M	M	M

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	22UZY406			Title	Batch:	2022 – 2025
Practical Hrs./Week	3	Tutorial Hrs./Sem.	10	Core Lab – II Cell Biology and Genetics (Non Semester Pattern)	Semester:	III & IV
					Credits:	4

Course Objectives

To be able to perform experiments using the common tools of cell biology and the basic concepts in genetics.

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the concepts of genetics through experiments.	K1
CO2	Understand the practical experience in instrument handling	K2
CO3	Apply the laboratory test outcomes and determine the validity of the test results obtained.	K3
CO4	Analyse the different stages of cell divisions and genetic disorders in human	K4
CO5	Evaluate the role of chromosomes in sex determination and inheritance of X and Y linked genes	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	H	M	M	M	H	H	M	H
CO2	H	H	M	M	H	L	M	M	M
CO3	H	M	L	H	M	M	H	H	M
CO4	M	H	M	H	H	M	H	M	H
CO5	H	H	M	M	M	M	H	M	M

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	22UZY 3N1			Title	Batch:	2022 – 2025
Lecture Hrs./Week	1	Tutorial Hrs./Sem.	--	Non major Elective –I	Semester :	III
				Public Health and Hygiene	Credits:	2

Course Objectives

To study the importance of health and hygiene for the society and keep in mind the maintenance of our body

Course Outcomes

On the successful completion of the course, students will be able to

Number	CO Statement	Knowledge Level
CO1	Remember the Health awareness and Hygiene	K1
CO2	Understand the reasons for the diseases	K2
CO3	Implement the nutrient requirements for day today life	K3
CO4	Discuss the importance of nutrition and its classification	K4
CO5	Acquire the knowledge of deficiency diseases of protein , lipids and vitamins and Health programming	K5

Mapping.

PO /PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	M	M	M	M	M	H	M	H
CO2	M	H	L	L	M	L	H	H	M
CO3	L	M	H	L	L	M	M	M	M
CO4	M	M	M	M	M	L	L	M	M
CO5	L	H	L	L	L	M	M	H	M

H-High; M-Medium; L-Low


HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	22UZY 3N2			Title	Batch:	2022 – 2025
Lecture Hrs./Week	1	Tutorial Hrs./Sem.	--	Non major Elective –I Practical skill in Human Health	Semester:	III
					Credits:	2

Course Objectives

To study the importance of health keep in mind the maintenance of our body

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the importance of laboratory test	K3
CO2	Understand the normal level of various human physiological parameters	K4
CO3	Apply the instruments used in biological experiment.	K5
CO4	Analyse the bleeding and clotting time of blood in individuals	K4
CO5	Evaluate the Knowledge of Blood grouping	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	L	L	L	H	M	H	H	H
CO2	H	M	M	L	M	H	H	H	M
CO3	M	M	M	M	H	M	H	M	H
CO4	M	M	M	H	H	H	H	H	H
CO5	M	M	M	M	H	M	H	H	H

H-High; M-Medium; L-Low

HOD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	22UZY405			Title	Batch:	2022 – 2025
Lecture Hrs./Week	6	Tutorial Hrs./Sem.	6	Core – IV Genetics	Semester:	IV
					Credits:	5

Course Objectives

To Study the basic concepts of hereditary, genetic disorders, cancer and all applied aspects of genetics

Course Outcomes

On the successful completion of the course, students will be able to

CO Numbers	CO Statement	Knowledge level
CO1	Keep in mind the Mendals experiments and chromosomes	K1
CO2	Understand the chemical basis of heredity	K2
CO3	Deploy the heritable traits in families and populations	K3
CO4	Sort of genetic concepts including health and disorders of human	K4
CO5	Construct personal and family pedigrees and integrate genetic testing options in genetic counselling practices	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	M	H	M	M	M	M	H	H	H
CO2	M	H	M	M	M	L	M	M	M
CO3	H	M	L	M	M	M	H	M	H
CO4	H	H	M	H	H	L	M	H	M
CO5	H	H	L	H	H	M	H	M	M

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	22 UZY 4N3			Title	Batch:	2022 – 2025
Lecture Hrs./Week	1	Tutorial Hrs./Sem.	--	Non- Major Elective -II Food and Nutrition	Semester:	IV
					Credits:	2

Course Objective

To acquire knowledge on the nutritive values of various foods stuffs, importance of food chart, food borne diseases, adulterations and about food laws.

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Recollect the concept of nutritive values of food.	K1
CO2	Understand the energy values of various food stuffs.	K2
CO3	Apply the importance of food chart.	K3
CO4	Analyze the food deficiency diseases	K4
CO5	Get the knowledge about importance of diet.	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	L	M	--	--	M	M	M	M	H
CO2	--	--	--	L	L	L	M	H	M
CO3	--	--	--	L	--	M	M	M	L
CO4	L	L	M	M	--	M	L	M	M
CO5	--	--	--	L	--	L	M	H	M

H-High; M-Medium; L-Low

HoD

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Programme code:	B. Sc		Programme Title :	Bachelor of Zoology	
Course Code:	22UZY4N4		Title	Batch :	2022 – 2025
Lecture Hrs/Week	1	Tutorial Hrs/ Sem	--	Non- Major Elective -I	Semester: IV
				Ornamental Fish Culture	Credits: 2

Course Objectives

Student will learn the importance of ornamental fish culture, maintain an aquarium, know the common ornamental fishes and explore the self employment opportunities.

Course Outcomes

On the successful completion of the course, students will be able to

CO Numbers	CO Statement	Knowledge level
CO1	Remember the knowledge of Common ornamental fishes	K1
CO2	Demonstrate the aquarium construction, Nutritional requirement of ornamental fish	K2
CO3	Apply the ornamental fish culture methods and breeding techniques of aquarium fishes	K3
CO4	Analyze the fish feed formulation, fish diseases and control measures of ornamental fishes	K4
CO5	Evaluate the transgenic technology in ornamental fishes	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	M	L	L	L	M	H	H	M
CO2	M	L	M	M	M	L	H	H	H
CO3	M	L	L	M	M	M	H	M	M
CO4	H	M	M	L	L	H	H	H	L
CO5	L	M	L	L	L	L	H	L	M

H-High; M-Medium; L-Low

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Department of Zoology

1.1.1 b) 2023 Batch – I and II semester

Program Outcomes:

PO1	Scientific Temper, Individual and Team Work Communication Students gain information and skill in the fundamentals of animal sciences, understands the multifarious connections along with different living organisms.
PO2	Inter-disciplinary Exposure Students achieve knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms. Correlates the physiological, Biochemical processes of animals and relationship of organ systems.
PO3	Education and Society Environment and Sustainability Understanding of environmental conservation processes, pollution control methods and its importance. Students also gain knowledge and awareness about biodiversity as well as the importance of protection of endangered species.
PO4	Vocational and Industry Exposure Understands about various concepts and importance of Biotechnology, Bioinformatics, Genetics, Genetic engineering in industry and day today human life.
PO5	Problem Analysis Students will be able to compare and distinguish the characteristics of animals that discriminate them from other forms of life.
PO6	Innovation and Entrepreneurship Achieve knowledge in applied fields like Sericulture, Aquaculture and Apiculture alongside Statistical and Laboratory techniques.
PO7	Life-long Learning Understanding of Zoology to one's own life and apply the knowledge judiciously and remain constantly employable.

Program Specific Outcomes:

PSO – 01	To understand the life of organisms with their diversity, morphological, ecological, physiological and evolutionary significance at cellular and molecular level.
PSO – 02.	To understand the principals and applications of zoology in daily life by equipping practical and field based study knowledge.

HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	23UZY101			Title	Batch:	2023 – 2026
Lecture Hrs./Week	6	Tutorial Hrs./Sem.	--	CC –I	Semester:	I
				Nonchordata	Credits:	5

Course Objective

To understand the nonchordates animal groups under different phyla in animal kingdom

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember the outline classification of nonchordata	K1
CO2	Understand the structure and inter-relationship between nonchordate animals.	K2
CO3	Deploy the each phylum general characters with an example	K3
CO4	Discuss the general topics of each phylum	K4
CO5	Assess the internal structure of nonchordate organisms	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	L	L	-	H	-	H	H	M
CO2	H	H	L	-	H	-	M	H	L
CO3	M	M	M	-	H	-	L	H	M
CO4	H	L	M	-	H	-	L	H	M
CO5	M	H	H	-	H	-	H	H	L

H-High; M-Medium; L-Low

HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	23UZY203			Title	Batch:	2023 – 2026
Practical Hrs./Week	3	Tutorial Hrs./Sem.	--	CC Lab –I	Semester:	I & II
				Nonchordata & Chordata (Non semester Pattern)	Credits:	3

Course Objective

To understand the nonchordate animal groups under different phyla in animal kingdom

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember external and internal features of organisms	K1
CO2	Understand the unity of life with the rich diversity of organisms and their ecological, and evolutionary significance	K2
CO3	Evaluate the conservation awareness of the biosphere by field visit	K3
CO4	Acquire knowledge about biological significance of organisms	K4
CO5	Analyse the reasons for classification of organisms	K4

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	H	M	-	H	-	H	H	M
CO2	H	H	L	-	H	-	M	H	M
CO3	H	H	M	-	H	-	L	H	M
CO4	M	H	L	-	H	-	L	H	L
CO5	H	H	M	-	H	-	L	H	M

H-High; M-Medium; L-Low


HoD

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	23UBY1A1			Title:	Batch:	2023– 2026
Lecture Hrs /Week	6	Tutorial Hrs/Sem.	--	GE I : Allied Botany paper I Invertebrates and Vertebrates (For I B. Sc., Botany Program)	Semester :	I
					Credits:	4

Course Objective

The students are able to analyze the levels of organization and general characters of various invertebrate and vertebrate phyla.

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the outline classification of Invertebrates and Vertebrates	K1
CO2	Understand the structure and inter-relationship between Invertebrates and Vertebrate animals.	K2
CO3	Assess the each phylum general characters with an example	K3
CO4	Analyze the biodiversity of Invertebrates and Vertebrates	K4
CO5	Evaluate invertebrate and vertebrate their affinities and adaptations to different modes of life.	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	H	H	M	L	M	L	H	H	H
CO2	H	H	L	L	M	L	H	H	M
CO3	H	M	M	M	L	M	H	M	H
CO4	H	H	L	M	L	M	H	H	M
CO5	H	M	H	L	M	M	H	M	M

H-High; M-Medium; L-Low

HoD

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Programme code:	B. Sc.,	Programme Title :	Bachelor of Zoology	
Course Code:	23UBY2A3	Title	Batch :	2023 – 2026
		GE Allied Lab-I- Zoology Practical – (Paper I & II) For B. Sc., Botany Program	Semester:	I & II
Practical Hrs/ Week	2	Tutorial Hours/ Sem	--	Credits: 2

Course Objectives

To get the knowledge on biological systems through virtual dissection, analyzing the results and discussing the economic importance observation pertain to various animal specimen and develop skills in identifying fauna in campus

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Remember external and internal features of organisms	K1
CO2	Understand the unity of life with the rich diversity of organisms and their ecological, and evolutionary significance	K2
CO3	Evaluate the conservation awareness of the biosphere by field visit	K3
CO4	Acquire knowledge about biological significance of organisms	K4
CO5	Analyse the reasons for classification of organisms	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	H	M	-	M	M	H	H	M
CO2	H	H	M	-	M	L	H	H	M
CO3	H	M	M	-	L	L	H	H	H
CO4	H	H	L	-	L	M	H	M	M
CO5	H	M	H	-	M	M	H	H	L

H-High; M-Medium; L-Low

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Programme Code:	B.Sc.,	Programme Title:	Bachelor of Zoology	
Course Code:	23UZY202	Title	Batch:	2023 – 2026
Lecture Hrs./Week	6	CC-II Chordata	Semester:	II
	Tutorial Hrs./Sem.		Credits:	4

Course Objectives

To acquire a basic knowledge of chordates and biodiversity of Organisms

Course Outcome

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Keep in mind the outline Classification of Chordata	K1
CO2	Understand the morphology of Chordata	K2
CO3	Execute inter-relationship between each class	K3
CO4	Analyse the biodiversity of chordata	K4
CO5	Discuss the internal structure of chordate and its function	K5

Mapping

PO / PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	M	M	-	H	-	H	H	M
CO2	H	M	M	-	H	-	M	H	M
CO3	M	M	M	-	H	-	H	H	M
CO4	H	M	M	-	H	-	H	H	M
CO5	M	H	H	-	H	-	H	H	M

H-High; M-Medium; L-Low

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Programme code:	B. Sc.,			Programme Title :	Bachelor of Zoology	
Course Code:	23UBY2A2			Title	Batch :	2023 – 2026
				GE-II -Allied : Botany Paper II Economic Zoology		
Lecture Hrs/Week	6	Tutorial Hours/ Sem	---		Semester:	II
					Credits:	4

Course Objectives

To acquire the knowledge on application of zoology in the field of aquaculture, apiculture, dairy farming, sericulture, poultry keeping, and pest and pest management.

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge level
CO1	Remember the knowledge of applied aspects of biological sciences	K1
CO2	understand the rearing methods of beneficial organisms – an economic perspectives	K2
CO3	Apply the knowledge of Culture of oyster, Honey bee, Silkworm and poultry management in marketing field.	K3
CO4	Analyze the diseases and control measure of beneficial organism.	K4
CO5	Start their own agro based industries and business in applied biology	K5

Mapping

PO /PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO									
CO1	H	M	L	M	M	H	H	H	H
CO2	M	L	L	L	H	M	H	M	M
CO3	M	L	M	M	M	H	H	M	H
CO4	H	M	L	L	M	H	H	H	H
CO5	H	M	M	L	L	M	H	M	M

H-High; M-Medium; L-Low

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Programme Code:	B.Sc.,			Programme Title:	Bachelor of Zoology	
Course Code:	23EVS201			Title:	Batch:	2023 – 2026
				AECC I-Environmental Studies (EVS)	Semester:	II
Lecture Hrs./Week	2	Tutorial Hrs./Sem.	12		Credits:	2

Course Objective

To know the basic concepts of Environment, environmental legislations and conservation of biodiversity

Course Outcomes

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge level
CO1	Create an awareness about the Environment	K1
CO2	Get the idea on Environment conservation and management.	K2
CO3	Execute the pollution free environment and value of natural resources	K3
CO4	Evaluate the value of environment and social issues	K4
CO5	Acquire knowledge about biodiversity, human population and environment	K5

Mapping

PO / PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO1	M	L	H	M	M	M	M	H	H
CO2	M	M	H	M	L	M	M	H	M
CO3	H	L	M	L	M	L	H	H	H
CO4	H	M	H	M	L	M	M	M	M
CO5	M	M	M	L	L	L	M	H	H

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