Name of Programme: B. Sc. Zoology

Name of Department: Zoology

Sr.No.	PO	Contents
	Number	
After succ		pleting this course, students will be able to:
1	PO1	Understand and be aware of relevant theories, paradigms,
		concepts and principles of Zoology.
2	PO2	Acquire the skills in handling scientific instruments, planning
		and performing in laboratory experiments.
3	PO3	Compare and contrast the characteristics of animals that
		differentiate them from other forms of life.
4	PO4	Apply the knowledge of Zoology to understand the complex life
		Processes and phenomena.
5	PO5	Explain the role of various biomolecules in living systems
6	PO6	Communicate scientific information through effective formal
		and informal methods generally used in sciences.
7	PO7	Understand the structure and functions of cell types
8	PO8	Acquire time management and self-management skills.
9	PO9	Relate the various abiotic factors with health of living forms and
		ecosystems.
10	PO10	Conduct basic scientific research and provide inputs for societal
		benefits.
11	PO11	Develop competence in basic sciences and in the content of the
		specific courses that constitute the principal knowledge of their
		degree.
12	PO12	Recognize the need for, and have the preparation and ability to
		engage in independent and life-long learning.

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: F. Y. B. Sc. Sem-I

Name of Subject: Animal Diversity I

Sr.No.	CO	Contents
	Number	
After su	ccessfully con	npleting this course, students will be able to:
1	CO1	Understand the importance of diverse group of animals.
2	CO2	Understands the importance of classification of animals and classifies
		them effectively using the six levels of classification.
3	CO3	Study of morphology, habit and habitat, and detail study of
		Paramecium.
4	CO4	Demonstrate anatomical and physiological attributes of each animal
		group and why these have led to their success.
5	CO5	Knows his crucial role in nature as a protector, preserver and
		promoter of life, which he has achieved by learning, observing and
		understanding life.

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: F. Y. B. Sc. Sem-I

Name of Subject: Animal Ecology

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Identify and critically evaluate their own beliefs, values and
		actions in relation to professional and societal standards of ethics
		and its impact on ecosystem and biosphere due to the dynamics in
		population.
2	CO2	Understands and appreciates the diversity of ecosystems and
		applies beyond the syllabi to understand the local lifestyle and
		problems of the community.
3	CO3	To link the details of food chains, food webs and links it with
		human life for its betterment and for non-exploitation of the biotic
		and abiotic components.
4	CO4	Working in nature to save environment will help development of
		leadership skills to promote betterment of environment.
5	CO5	To Identify and critically evaluate their own beliefs, values and
		actions in relation to professional and societal standards of ethics
		and its impact on ecosystem and biosphere due to the dynamics in
		population.

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: F. Y. B. Sc. Sem-I

Name of Subject: Zoology Practical Paper

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Understands the importance of classification of animals and	
		classifies them effectively using the six levels of classification	
2	CO2	To understand the differences and similarities in the various	
		aspects of classification.	
3	CO3	Explain various modifications in Invertebrate groups.	
4	CO4	The study of relationship between living organisms and their	
		environment.	
5	CO5	To understand and evaluate natural resource issues and act on a	
		lifestyle that conserves nature.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: F. Y. B. Sc. Sem-II

Name of Subject: Animal Diversity II

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	State the outline of animal classification of non-chordates	
2	CO2	Categorize the diversity found in the invertebrate groups of	
		animals like Arthropoda, Mollusca and Echinodermata.	
3	CO3	Understand adaptations and economic importance of various non-	
		chordate animals	
4	CO4	Describe the morphology, habit and habitat, systematic position	
		and various systems in Star fish.	
5	CO5	Classify the higher invertebrate groups.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: F. Y. B. Sc. Sem-II

Name of Subject: Cell Biology

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Differentiate prokaryotic and Eukaryotic cells.	
2	CO2	Describe the structure and functions of cell organelles.	
3	CO3	Explain the principles of staining.	
4	CO4	Explain the cell division process and its significance.	
5	CO5	The cellular mechanisms and its functioning depend on endo-	
		membranes and structures. They are best studied with microscopy.	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: F. Y. B. Sc. Sem-II

Name of Subject: Zoology Practical Paper

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Identify various animals based on morphological features.
2	CO2	Prepare stained slides of mitosis and identify the cell division phases
3	CO3	Understand cell structure and cell types by preparing stained slides
4	CO4	Understand economic importance of vermicomposting unit
5	CO5	Experience the field visit and insect pest collection

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: S. Y. B. Sc. Sem-III

Name of Subject: Animal Diversity III

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Understand, classify and identify the diversity of higher
		vertebrates
2	CO2	Understand the complexity of higher vertebrates
3	CO3	Understand different life functions of higher vertebrates.
4	CO4	Understand the morphology and anatomy of scoliodon
5	CO5	Become aware regarding his role and responsibility towards
		nature as a protector

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: S. Y. B. Sc. Sem-III

Name of Subject: Applied Zoology I

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Define the concepts of the applied subjects like Agricultural pest and Sericulture	
2	CO2	Identify different species of pests and species of silkworm	
3	CO3	Explain the tools and techniques used in Agricultural pest control and sericulture	
4	CO4	Explain the importance of Agricultural pest, their control and sericulture	
5	CO5	Describe the economic importance of silkworm	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: S. Y. B. Sc. Sem-III

Name of Subject: Zoology Practical Paper

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	The students will be able to understand, classify and identify the diversity and the complexity of higher vertebrates.	
2	CO2	The students will be able to understand the linkage among different groups of higher vertebrates.	
3	CO3	Identify different species of silkworm and types of agricultural pests, Major insect pests of agricultural importance and Pest control practices.	
4	CO4	Understand sericulture management and economically important species of silkworms.	
5	CO5	Describe the common agricultural pests from nearby area.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: S. Y. B. Sc. Sem-IV

Name of Subject: Animal Diversity IV

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	List the various vertebrate animals in a given class and the outline	
		of chordate classification.	
2	CO2	Identify poisonous and non-poisonous snakes.	
3	CO3	Explain various modifications in the given group of animals and	
		in avian group as well as migration and flight in birds.	
4	CO4	Describe the morphology, habit and habitat. Systematic position	
		and various systems in Scoliodon.	
5	CO5	Categorize the diversity found in the vertebrate groups of animals	
		like reptiles, birds and mammals.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: S. Y. B. Sc. Sem-IV

Name of Subject: Applied Zoology II

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Define the concepts of the applied subjects like Apiculture and Fisheries.
2	CO2	Explain the tools and techniques used in aquaculture and agricultural practices.
3	CO3	Describe the economic importance of honeybee and fish species commonly used in Apiculture, fishery business.
4	CO4	Select economically important species of <i>Apis</i> for honey production.
5	CO5	Illustrate management of the apiary and fisheries units.

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: S. Y. B. Sc. Sem-IV

Name of Subject: Zoology Practical Paper

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Identify animals of higher groups in vertebrates.	
2	CO2	Distinguish between poisonous and non-poisonous snakes	
3	CO3	Explain the modifications and adaptations in animals.	
4	CO4	Observe the various tools, crafts and gears used in Apiary and	
		Fishery.	
5	CO5	Illustrate management of the apiary and fisheries units	
6	CO6	Describe External features and economic importance of freshwater	
		and Marine water fishes and other aquaculture organisms	
7	CO7	Experience the field visit at Fishery centre	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Pest Management

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Define pest management and describe the economic, ecological,
		and sociological benefits of IPM.
2	CO2	Understand problems resulting from misuse, overuse, and abuse of
		chemical pesticides and describe pesticide resistance and how it
		develops.
3	CO3	Identify ecological and biological characteristics important in
		development of pest populations.
4	CO4	Analyses and compare management tactics to determine the best
		approach to reducing pest populations, weeds, and disease
		presence.
5	CO5	Locate appropriate, scientifically valid sources of information on
		specific tactics to manage insect pests and diseases.
6	CO6	Describe different groups of pests and compare them to weeds and
		plant pathogens and know and how to develop an IPM program

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V Name of Subject: Histology

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Define the basic terms in histology.
2	CO2	List the various types of tissues.
3	CO3	Identify the histological peculiarities in various organs.
4	CO4	Explain the location, structure and functions of various organs.
5	CO5	Illustrate the histology of endocrine glands.
6	CO6	Diagrammatically represent the various organs.

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Biological Chemistry

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Define the basic terms in biochemistry.	
2	CO2	Basic concepts pH and Buffers and basic terms solution preparation.	
3	CO3	To understand the chemical structures of carbohydrate, proteins, lipids and their biological and clinical significance.	
4	CO4	Able to understand, interpret structure and importance of proteins, carbohydrates and lipids	
5	CO5	Able to comprehend variations in enzyme activity and kinetics.	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V Name of Subject: Genetics Subject Code: ZO-354

Sr. No.	CO Number	Contents
After successfully completing this course, students will be able to:		repleting this course, students will be able to:
1	CO1	Define the terminologies in genetics.
2	CO2	Explain the concept of mutation.
3	CO3	Explain Mendel's principle, its extension and chromosomal basis and determination of gene action from genotype to phenotype and concepts of inheritance.
4	CO4	Basic Concepts in population genetics Mandolin population, gene pool, gene / allele, Frequency, chance mating (Panmictic mating). Hardy Weinberg law and its equilibrium.
5	CO5	Understand sex linked inheritance in human such as Colour – blindness. Hemophilia, Hypertrichosis etc
6	CO6	Describe the chromosome anomalies and associated disorders

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Developmental Biology

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Identify the developmental stages	
2	CO2	Describe the key events in early and systematic embryological development.	
3	CO3	Describe the process of gametogenesis and chick development up to 96 hours of incubation and extra embryonic membranes.	
4	CO4	Explain the theories of reformation, and concepts like growth, differentiation and reproduction.	
5	CO5	Explain the principles and process of fertilization and cleavage.	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Parasitology

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	The students will be able to learn about basics and scope of parasitology.	
2	CO2	The students will be able to learn the types of host and parasite with examples.	
3	CO3	The students will be able to learn about the morphology, life cycle, pathogenicity and treatment of common parasites (Protists and Platyhelminthes).	
4	CO4	The students will be able to learn about host -parasite relationships and their effects on host body.	
5	CO5	The students will be able to learn about the arthropod parasites and their role as vector.	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Practicals in Zoology

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Describe different groups of pests and plant pathogens.	
2	CO2	Describe different pests and diseases of honeybees. Detection of damage caused by pests.	
3	CO3	Describe the beneficial insects, detection of damage caused by pests, plant disease and its intensity.	
4	CO4	Explain and identify the histological peculiarities in various organs.	
5	CO5	Explain the location, structure and functions of various organs.	
6	CO6	Explain and illustrate the histology of endocrine and exocrine glands.	
7	CO7	Illustrate the toxic effects of chemicals in the environment on human and his livestock.	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Zoology Practical Paper 2

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Explain the enzyme activity and specific activity of an enzyme.	
2	CO2	Detection of carbohydrates (monosaccharide's, disaccharides and polysaccharides) with the help of suitable tests.	
3	CO3	The students will be able to understand, interpret structure and importance of proteins, carbohydrates and lipids.	
4	CO4	Explain Mendel's principle, its extension and chromosomal basis of inheritance. Determination of gene action from genotype to phenotype and concepts of inheritance.	
5	CO5	Detect human blood group and identify the human genetic traits.	
6	CO6	Genetic disorders, structural & numerical alterations of chromosomes (chromosomal aneuploidy - Down, Patau, Edward, Turner and Klinefelter syndromes).	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Zoology Practical Paper – III

Sr. No.	CO Number	Contents
After	successfully con	impleting this course, students will be able to:
1	CO1	Understands the basics about growth, differentiation,
		dedifferentiation, cell determination, cell communication,
		morphogenesis, induction and regeneration.
2	CO2	Describe the key events in early and systematic embryological
		development.
3	CO3	Describe the chick development up to 96 hours of incubation
		and extra embryonic membranes.
4	CO4	Describe the life cycle, pathogenicity, diagnosis and treatment of
		Entamoeba histolytica and Plasmodium vivax through permanent
		slides or microphotographs.
5	CO5	Describe the life cycle, pathogenicity, diagnosis and treatment of
		Ascaris lumbricoides and Taenia solium through specimen,
		permanent slides or microphotographs.
6	CO6	Convince the importance of hygiene with respect to epidemic
		diseases.

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Aquarium Management

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Explain exotic and endemic species of Aquarium Fishes and nutritional value of fish.	
2	CO2	Describe characters and sexual dimorphism of Aquarium fishes - Guppy, Molly, Sword tail, Gold fish, Angel fish, Blue morph, Anemone fish, Butterfly fish and Fighter fish.	
3	CO3	Describe Maintenance of Aquarium, common diseases of Aquarium fish and budget for setting up an Aquarium	
4	CO4	Understand Physico-chemical parameters of water for fish culture, Fish preservation and Fish breeding techniques	
5	CO5	The potential scope of Aquarium Fish Industry as a Cottage Industry.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-V

Name of Subject: Poultry Management

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Explain exotic and endemic species of pultry and its nutritional value.	
2	CO2	To understand the poultry breeding techniques.	
3	CO3	To understand poultry rearing techniques	
4	CO4	To understand feeding requirement and food ingredients.	
5	CO5	To understand the poultry disease and their pathogens.	
6	CO6	To understand market value of poultry products.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Medical & Forensic Zoology

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	To understand the basics principles of Medical and Forensic Zoology.	
2	CO2	To understand the advancements in the field of Medical and Forensic Zoology.	
3	CO3	To understand scientific methods in crime detection.	
4	CO4	To understand modern tools, techniques and skills in forensic investigations.	
5	CO5	To describe the fundamental principles and functions of forensic science and its significance to human society.	

Name of Programme: B. Sc. (Zoology)

Name of Department: Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Animal Physiology

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	To describe various physiological organ-systems and their
		importance to the integrative functions of the human body.
2	CO2	Understand Concept of energy requirements and various aspects
		of digestive physiology.
3	CO3	Explain circulatory system with medical conditions
4	CO4	Understand Respiratory mechanism and gases transport and
		eliminations of waste materials from the body.
5	CO5	Understand structure, functions of muscles, formation of gametes
		and function of endocrine glands.

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Molecular Biology

Sr. No.	CO Number	Contents		
After	After successfully completing this course, students will be able to:			
1	CO1	Understand the Structure of DNA and RNA, as genetic material		
2	CO2	Understand the Central Dogma of Molecular Biology		
3	CO3	Explain the concept of gene regulation		
4	CO4	Understand the DNA Damage and Repair		
5	CO5	Develop basic understanding of structure-function relationships of		
		nucleic acids and proteins.		

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI
Name of Subject: Entomology

Sr. No.	CO Number	Contents		
After	After successfully completing this course, students will be able to:			
1	CO1	Understand basic concepts in Entomology and its scope.		
2	CO2	Learn morphology and anatomy and development process of		
		Insects.		
3	CO3	Explain various adaptations in insects including mimicry and		
		metamorphosis		
4	CO4	Identify disease causing insect vectors.		
5	CO5	Know economically important insects and Pest management of		
		harmful insects, design and implement pest controlling methods		
		against pests.		

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Techniques in Biology

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Define the basic terms solution preparation	
2	CO2	List the separation techniques.	
3	CO3	Describe the techniques used in hematology.	
4	CO4	Explain the principle of separation techniques.	
5	CO5	Explain the procedure of preparing permanent histological slides.	
6	CO6	Illustrate the working of microscopes.	
7	CO7	Analyze the dimensions of the biological samples.	
8	CO8	Justify the selection of fixatives for histological procedures.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Evolutionary Biology

Sr. No.	CO Number	Contents
After	successfully con	repleting this course, students will be able to:
1	CO1	Define organic evolution and evolution of man.
2	CO2	Explain the theories of organic evolution.
3	CO3	Describe the concept of origin of life and theories of origin of life
4	CO4	Describe evolution of man.
5	CO5	Illustrate the presence of organisms at various geological time
		scales.
6	CO6	Apply the knowledge in relevant experimentations.

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Zoology Practical Paper – I

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	To understand modern tools, techniques and skills in forensic	
		investigations.	
2	CO2	To describe the fundamental principles and functions of forensic	
		science and its significance to human society.	
3	CO3	Carry out routine analysis of given urine sample, determine serum	
		urea, uric acid calcium	
4	CO4	To examine hair morphology and determine the species to which	
		the hair belongs and prepare slides of scale pattern of human hair.	
5	CO5	Estimate haemoglobin, blood glucose level, differential count of	
		blood.	
6	CO6	Estimation of bleeding and clotting time.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Zoology Practical Paper – II

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Isolation of DNA from Bacteria / liver / Onion and staining of DNA	
		and RNA	
2	CO2	Able to study absorption spectra of isolated DNA	
3	CO3	Describe principle & application of Spectrophotometer & PCR.	
4	CO4	Illustrate the role of household insects in relation to human health.	
5	CO5	Estimate hemoglobin, blood glucose level, differential count of	
		blood cells.	
6	CO6	Classify medically important insects.	
7	CO7	Justify the significance of social organization in insects and	
		choose the control measures of medically important insects.	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Zoology Practical Paper – II

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Use techniques like chromatography, spectrophotometry in biological experiments.	
2	CO2	Observe different kind of cells under compound microscope and its measurement using micrometer scale or by image analysis software.	
3	CO3	Tissue collection, fixation & block preparation	
4	CO4	Sectioning, staining & mounting of animal tissues. Submission of any three permanent slides from three different organs	
5	CO5	Identify the fossil types/ adaptations in animals, explain the stages of human evolution.	
6	CO6	Elucidate the difference between ape and man.	
7	CO7	Explain the evidences of evolution	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI

Name of Subject: Environmental Impact Assessment.

Sr. No.	CO Number	Contents	
After	After successfully completing this course, students will be able to:		
1	CO1	Understand Importance of environment and explain definition and	
		divisions of environment.	
2	CO2	Describe types pollution and its impact on wildlife, natural	
		resources, development.	
3	CO3	Explain sustainable development, exploitation of natural	
		resources, Concept of carrying capacity, Three pillars of	
		Sustainability, UN 17 Sustainable Development Goals (SDGs)	
4	CO4	Create awareness of Environmental Protection acts.	
5	CO5	Understand Environmental Impact Assessment (EIA) and	
		Stakeholders in EIA process.	
6	CO6	Knows Overview of Scheme for Accreditation of EIA Consultant	
		Organizations (NABET / QCI)	

Name of Programme: B. Sc. (Zoology)

**Name of Department:** Zoology

Class: T. Y. B. Sc. Sem-VI Name of Subject: Project

Sr. No.	CO Number	Contents			
Students	Students should be encouraged to take up laboratory work, hands-on practical investigation and				
design ex	kperimental setup	. Field work to be carried out under proper supervision and			
permissi	ons from the cond	cerned authorities.			
Possible	key aspects of th	e project work -			
1.	Planning the pro	oject.			
2.	Selecting a suitable title.				
3.	Significance of the work.				
4.	Hypothesis, Objectives.				
5.	Reviewing the available literature.				
6.	Methodology to	be used and Outcomes of the Project work.			
7.	Conclusion and Discussion and Future plans.				
8.	Conclusion and Discussion and Future plans.				
	Students should be made aware of plagiarism and research ethics.				