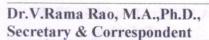




(Affiliated to Andhra University)
An Institution of Priyadarshini Educational Academy)
NAAC ACCREDITED COLLEGE



Dr.A.Balakrishna,M.Sc.,Ph.D., Principal

Department of Zoology

Bachelor of Science(B.Sc: CBZ)

Revised CBCS

W.E.F(2020-2021)

Course Outcomes Of Zoology

Course Code	Course Title	Course Outcomes
Course 1 (TH)	ANIMAL DIVERSITY NON – CHORDATES	CO1.Know about the general characters and classification up to orders from phylum protozoa to hemichordate. CO2. Gain knowledge about some of the important and common protozoans, helminthes, arthropods or parasitic in nature. CO3. Understand about the morphology of Earthworm and economic importance of vermin compost.
	ANIMAL DIVERSITY NON-	CO4. Understand about Pearl formation in pelecypoda ,Water vascular system in star fish. CO5. Identify the various invertebrate larval forms.
(PR)	CHORDATES One benegation of 200 Strandarding without a selword guarance April Total according to the self-of- Total according to	CO1. To understand the importance of preservation of different non-chordate species. CO2. To identify the animals based on the special identifying characters. CO3. To understand the different organs system through demo or virtual dissections. CO4. To maintain a neat ,labelled record of the identified preserved species.
Course2 (TH)	ANIMAL DIVERSITY CHORDATES	CO1.Know about distinct features and distribution of Chordates, Origin of Chordates. CO2. Know about general characters



M.V.R. DEGREE COLLEGE (UG And PG Courses)



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	ao, M.A.,Ph.D., Correspondent	Dr.A.Balakrishna,M.Sc.,Ph.D., Principal
ico mes	ment of Zoology of Science(B.Sc.; CBZ) devised CB (S	and classification of Protochordates , Cyclostomes , Fishes , Amphibia , Reptilia, Aves and Mammals. CO3. Structure and life history of Herdmaria (Retrogressive Metamorphosis). CO4. Gain knowledge about the types of scales in fishes, Migration of Fishes , Flight adaptations in birds. CO5. Acquire knowledge on the Dentition in Mammals.
(PR) for some find or or and or and or and or or or or or or or or or o	ANIMAL DIVERSITY -CHORDATES Official and the state of th	CO1.To understand the importance and other methods of preservation of chordates. CO2. To identify chordates species based on special identifying characters. CO3. To understand the internal
o and etama:	COS: Understand about 1 morphology of Ecohwor contains importance of composi-	anatomy of animals through demo or virtual dissections. CO4. To maintain neat, labelled record of identified preserved specimens. CO1. To understand the basic unit of
nals based characters hilleren ma or labelled	of preservation of differential properties. CO2. To identify the antiferential special identifying on the special identifying organs system through distributed in the manufactures. CO4. To maintain a next record of the manufact or species. CO4. To maintain a next record of the manufact or species.	living organisms and to differentiate the organisms by their cell structure CO2. Know about the structure and function of plasma membrane and different cell organelles. CO3. To understand the branch of heredity, interaction of genes, sex determination. CO4. Acquiring knowledge on the central dogma of molecular biology & flow of genetics information from DNA to proteins. CO5. Know about the principles & forces of evolution of life on earth, process of evolution of new species.
Course3 (PR)	CELL BIOLOGY,GENETICS,MOLECULAR	CO1. Able to prepare temporary





M.V.R. DEGREE COLLEGE (UG And PG Courses)

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	Rao, M.A.,Ph.D., Correspondent	Dr.A.Balakrishna,M.Sc.,Ph.D., Principal
theatrons lds of cinding	BIOLOGY& EVOLUTION PAPER- III MARKET	CO2. Able to solve genetics problems. CO3. To understand about the study of human karyotyping. CO4. Able to identify the fossil evidences ,Darwin finches. CO1. Understand the functions and
(HT) cools & coonsiste of the cools of the	,CELLULAR METABOLISM& EMBRYOLOGY PAPER- IV	important animal physiological system including digestion ,cardio-respiratory and renal system. CO2. Understand the muscular system & the neuro -endocrine regulation of animal growth
	histological slides of splet thyronic lymph nodes of 602. Know about blood a self-USA. & immine electric demonstration method. COS. Learn about the use autoclave & importance of tenticalism.	development & metabolism with a specific knowledge. CO3. To understand the chemicals of bio molecular & enzymes. CO4.Develop brood understanding the basic metabolism activities anabolism & catabolism of
	COA Annune skills for he aquaments for biotechno a principals. COS. Know about blorun & DNA fingeror ating.	biomolecules CO5. Describe the key events in early embryonic development starting from the formation of gametes up to gastrulation and formation of foetal membranes
Course4 (PR)	ANIMAL PHYSIOLOGY, CELLULAR METABOLISM & EMBRYOLOGY PAPER- III	CO1.Gain knowledge animal physiology by qualitative tests. CO2. Differential count of human blood. CO3. Gain knowledge on cellular metabolism. CO4. Acquire knowledge on slides observation on testes, ovary of mammal.
Course5 (TH)	IMMUNOLOGY AND ANIMAL BIOTECHNOLOGY PAPER- V	CO1. To get knowledge of the organs of immune system ,types of immunity ,cells and organs of immunity CO2. To describe immunological response as how its triggered and



M.V.R. DEGREE COLLEGE (UG And PG Courses)

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NAAC ACCREDITED COLLEGE

Dr.V.Rama Rao, M.A.,Ph.D., Secretary & Correspondent	Dr.A.Balakrishna,M.Sc.,Ph.D., Principal
CO2, Able to solve genetics	regulated antibodies.
problems.	CO3To understand the applications
CO3. To understand about the study	of biotechnology in the fields of
agraeytoyasi nemad lo	industry and agriculture including
POG Able to identify the lossif	animal cell/tissues.
evidences. Darwin fincho	CO4.Know about the culture ,stem
(cg)). Understand the hunchions and	cell technology & genetic
hais oloisvilo lamina matrogran &MA	
system including digestrol, cardio-	CO5. Get familiar with the tools &
metevalianes fine proteingant	techniques of animal biotechnology.
Course5 IMMUNOLOGY AND ANIMAL	CO1. Acquire skills on demonstration
(PR) BIOTECHNOLOGY	of lymphoid organs & observing
PAPER- V to nonclude	histological slides of spleen
development & metabolism with a	,thymus& lymph nodes.
specific knowledge.	CO2. Know about blood groups,
To atreate and pagestand To tention of EOO	ELISA, & immune electrophoresis by
bio molecular & erazanes	demonstration method.
(C)4 Develop by cod straiding	CO3. Learn about the use of
the basic metabolism activities	autoclave & importance of
in methodates & methodate.	sterilization.
biomolegolies	CO4. Auquire skills for handling
CO5. Describe the key events in early	equipments for biotechnology
endpypme development entire from	practicals.
the formation of gametes by to	CO5. Know about blotting techniques
gashinanch and formshop of foots!	& DNA fingerprinting.



Attested

M.V.R. DEGREE COLLEGE

Shramika Nagar, Gajuwaka.

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