



Dr.V.S.KRISHNA GOVT. DEGREE COLLEGE

(AUTONOMOUS)

NODAL RESOURCE CENTRE & AU CENTRE FOR RESEARCH

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Book Chapter Publications Details

Name of the faculty: Dr. Y. Shanti Prabha

Department: Zoology

Sno.	Name of the Chapter	Name of the book	Name of the Publisher	Link
1	Cell Theory, Ultra Structure of animal cell & Plasma membrane	Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	https://drive.google.com/file/d/1pUMtxeZF_mJvoaEZHnfaBOX7cRq63Hnj/view?usp=sharing
2	Endoplasmic Reticulum and Golgi apparatus	Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	
3	Lysosomes and Ribosomes	Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	
4	Mitochondria	Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	
5	Chromosomes	Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	
6	Observation of Slides/specimens/models Protozoans to Annelids (Total 5 chapters)	Practical Manual - Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	https://drive.google.com/file/d/1TsKVCt2NeiPMU0aTXwhNyETnycX2rp0K/view?usp=drive_link
7	Dissections procedure description with diagrams (Total three chapters)	Practical Manual - Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	
8	Preparation of mitosis and meiosis slides	Practical Manual - Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	

9	Qualitative identification of amino acids	Practical Manual - Biology of Invertebrates and Cell Biology	Andhra University School of Distance Education	
10	<i>Rana tigrina</i> - type study	Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	https://drive.google.com/file/d/1wpkRIyRwE4_w9yy8_rd2iVHqvlTOkxGK/view?usp=drive_link
11	Parental Care in Amphibia	Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	
12	<i>Columba livia</i> - Type study	Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	
13	Migration in birds	Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	
14	Flight adaptations in birds	Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	
15	Observation of Slides/specimens/models Amphibia, Reptilia, Aves, Mammalia (Total 4 chapters)	Practical manual - Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	https://drive.google.com/file/d/1Hqq_Gq8_Djh5G-V_NxH3WFBSgRJdDI4p/view?usp=drive_link
16	Dissections - Cranial nerves in scoliodon, arterial system of Scoliodon, arterial system of Calotes. (total 3 chapters)	Practical manual - Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	
17	Embryology Slides and mounting experiment (total 4 chapters)	Practical manual - Biology of Chordates, Embryology, Ecology and Zoogeography	Andhra University School of Distance Education	

18	Types and formation of nitrogenous wastes, Classification of animals basing on nitrogenous wastes	Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	https://drive.google.com/file/d/1CHIENwotMAZHGu_d0jfCCnf5khuzq9HnI/view?usp=drive_link
19	Structure and function of kidney, nephron and counter current mechanism	Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	
20	Types of circulation, Structure and working mechanism of mammalian heart	Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	
21	Capture fisheries and Fishery resources from freshwater habitats	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	https://drive.google.com/file/d/1dQjz0nSFqHeD9HEc_AhsxIUaEjkv4mDYn/view?usp=drive_link
22	Fishery resources from brackish water and marine resources	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
23	Mariculture	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
24	Site selection criteria and aquaculture systems	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
25	Induced breeding	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
26	Hatchery design and management	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
27	Nursery, rearing and growout pond management	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	

28	Shrimp and prawn culture	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
29	Preservation and processing	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
30	Hypersensitivity	Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
31	ABO blood group determination	Practical manual - Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	https://drive.google.com/file/d/115bMnkbir2ypG4eJoCaA5_koRZvSqHbm/view?usp=drive_link
32	Problems on blood grouping	Practical manual - Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	
33	Karyotyping of human chromosomes	Practical manual - Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	
34	Identification of genetic syndromes	Practical manual - Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	
35	Problems on Mendelian inheritance	Practical manual - Animal Physiology, Genetics and Evolution	Andhra University School of Distance Education	
36	Identification of protozoan parasites	Practical manual - Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	https://drive.google.com/file/d/1NCMyNWwao6R-lrJUuZPhR_-kN0ZaDC3l/view?usp=drive_link
37	Identification of Helminth parasites	Practical manual - Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
38	Estimation of Haemoglobin methodology	Practical manual - Aquaculture, Fisheries, clinical science and Animal	Andhra University School of Distance Education	

		Biotechnology		
39	Total RBC and WBC count	Practical manual - Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
40	Identification of cloning vectors	Practical manual - Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	
41	Identification of transgenic animals	Practical manual - Aquaculture, Fisheries, clinical science and Animal Biotechnology	Andhra University School of Distance Education	