YOGODA SATSANGA PALPARA MAHAVIDYALAYA

DEPARTMENT OF ZOOLOGY

	TEACH	HING PLAN*YEAR : 2020-2	021 *HONOUR	S	
Semester	Paper	Unit/Module	Teacher	No of	To be
				Lecture	completed by
Semester-I	CC-1T Non-chordates I	Unit-1: Basics of Animal Classification	Dr. Asit Kr. Bhattacharyya	03	1 st Month
		Unit-2: Protista & Metazoa	Mr. Ayan	09	1st & 2 nd Month
		Unit-6: Platihelminthis	Kumar Bhunia	06	3 rd Month
		Unit-7: Nimatoda		04	4 th Month
		Unit-3: Porifera	Miss. Puja	08	1 st Month
		Unit-4: Cnidaria	Panda	08	3 rd Month
		Unit-5: Ctenophora		06	4 th Month
	CC-1P Non-chordates	2.Identification of Museums specimen	Dr. Asit Kr. Bhattacharyya	06	1 st & 2 nd Month
	(Lab)	1.Study of whole mount of protozoa	Mr. Ayan Kumar Bhunia	06	1 st Month
		2.Staining/mounting of any protozoa from gut of cockroach		03	3 rd Month
	CC-2T Ecology	Unit-1: Introduction to Ecology	Dr. Asit Kr. Bhattacharyya	06	1 st Month
		Unit-2: Population		10	2 nd & 3 rd Month
		Unit-3: Community	Mr.Supravat	16	1 st to 3 rd Month
		Unit-4: Ecosystem	Maiti	14	4 th Month
		Unit-5: Applied Ecology	Miss. Puja Panda	10	3 rd & 4 th Month
	CC-2P	4.Determination of	Mr. Ayan	09	1 st to 3 rd month
	Ecology (Lab)	turbidity, PH,Dissolved oxygen,	Kumar Bhunia		

		1.Study of life tables &Survivorship curves	Mr.Supravat Maiti	03	1 st Month
		2.Determination of population density	Widter	08	2 nd Month
		3.Study of an aquatic ecosystem		10	4 th Month
		5.Report on visit to National park	Dr. Asit Kr. Bhattacharyya	06	1 st & 2 nd Month
Semester-II	CC-3T Non- Chordates-II	Unit-1: Introduction about Evolution of coelom & metamerism	Dr. Asit Kr. Bhattacharyya	04	1 st Month
	enoraces ii	Unit-2: Annelida		06	2 nd Month
		Unit-3: Arthropoda		80	3 rd Month
		Unit-7 : Hemichordata	Mr. Ayan Kumar Bhunia	06	1 st Month
		Unit-4: Onychophora	Mr. Supravat Maiti	10	1 st Month
		Unit-5: Mollusca	Miss. Puja	10	1 st & 2 nd Month
		Unit-6: Echinodermata	Panda	12	3 rd Month
	CC-3P	1.Study of Museums	Dr. Asit Kr.	09	1 st & 2 nd Month
	Non	Specimens	Bhattacharyya		
	Chordates-II (Lab)	4.Mount of mouth parts &Digestive system& Nervous system of	Mr. Ayan Kumar Bhunia	09	2 nd & 3 rd Month
		Periplaneta 5.Project Report on any larval forms of Non- chordates		03	4 th Month
		2.Study of Digestive system,Nephridia of earthworm	Mr. Supravat Maiti	12	1 st to 3 rd Month
		3.T.S through pharynx, gizzard, Intestine of earthworm	Miss. Puja Panda	12	3 rd & 4 th Month
	CC-4T	Unit-1: Overview of Cell	Dr. Asit Kr.	02	2 nd Month
	Cell Biology	Unit-2: Plasma Membrane	Bhattacharyya	08	3 rd & 4 th Month

		Unit-3: Cytoplasmic organelles- I Unit-4: Cytoplasmic organelles- II	Mr. Ayan Kumar Bhunia	06 08	2 nd Month 2 nd & 3 rd Month
		Unit-5: Cytoskeleton Unit-8: Cell Signaling	Mr. Supravat Maiti	08 08	1 st & 2 nd Month 3 rd & 4 th Month
		Unit-6: Nucleus Unit-7: Cell Division	Miss. Puja Panda	08 08	1 st Month 2 nd Month
	CC-4P Cell Biology (Lab)	1.Preparation of temporary stained squash of onion root tip	Mr. Ayan Kumar Bhunia	06	1 st & 2 nd Month
	(Lab)	2.Study of various stages of meiosis		06	3 rd & 4 th Month
		3. Preparation of permanent slide to demonstrate Barr Body.	Dr. Asit Kr. Bhattacharyya	06	4 th Month
		4. Preparation of permanent slide to demonstrate: DNA by Feulgen reaction: Cell viability; Mitochondria identification.	Mr. Supravat Maiti	15	1 st to 3 rd Month
Semester-III	CC-5T Chordates	Unit-1: Introduction to Chordates Unit-2: Protochordata Unit-3: Origin of chordate	Dr. Asit Kr. Bhattacharyya	02 05 04	1 st Month 1 st Month 2 nd Month
		Unit-4: Agnatha Unit-6: Amphibia Unit-8: Aves	Mr. Ayan Kumar Bhunia	04 06 07	1 st Month 2 nd Month 3 rd Month
		Unit-9: Mammals Unit-10: Zoogeography	Mr. Supravat Maiti	06 04	1 st Month 1 st Month
		Unit-5: Pisces Unit-7: Reptilia	Miss. Puja Panda	06 06	1 st Month 2 nd Month
	CC-5P Chordates (Lab)	Identification of museums specimens- 1.Protochordata 2. Agnatha	Mr. Ayan Kumar Bhunia	03 03	1 st Month 2 nd Month
		4. Amphibian 7.Pecten from Fowl head		03 03	3 rd month 4 th month

	Identification of museums specimens- 6. Mammalian 8.Dissection of Tilapia	Mr. Supravat Maiti	06 10	2 nd Month 3 rd & 4 th Month
	Identification of museums specimens- 5. Reptilia	Miss. Puja Panda	06	1 st Month
CC-6T Animal Physiology	Unit-1: Tissues Unit-2: Bone & Cartilage	Dr. Asit Kr. Bhattacharyya	08 12	1 st Month 2 nd & 3 rd Month
, 0,	Unit-5: Reproductive System Unit-6: Endocrine System	Mr. Ayan Kumar Bhunia	12 16	1 st & 2 nd Month 3 rd & 4 th Month
	Unit-3: Nervous System	Mr. Supravat Maiti	08	1 st & 2 nd Month
	Unit-4: Muscular System	Miss. Puja Panda	07	3 rd Month
CC-6P Animal Physiology	4.Study of permanent slides	Dr. Asit Kr. Bhattacharyya	09	2 nd &3 rd Month
(Lab)	3. Preparation of temporary mounts	Mr. Ayan Kumar Bhunia	09	2 nd & 3 rd Month
	5. Microtomy: Preparation of permanents slide	Mr.Supravat Maiti	09	3 rd & 4 th Month
	1.Recording of simple muscle twitch with electrical stimulation	Miss. Puja Panda	06	1 st Month
	2. Demonstration of the unconditioned reflex action		06	2 nd Month
CC-7T Biochemistry	Unit-2: Lipids Unit-6: Oxidative Phosphorylation	Dr. Asit Kr. Bhattacharyya	09 08	4 th Month 4 th Month
	Unit-3: Proteins Unit-4:Nucleic Acids Unit-1: Carbohydrates	Mr. Ayan Kumar Bhunia Mr. Supravat	11 10 12	1 st & 2 nd Month 3 rd Month 2 nd & 3 rd Month
	Animal Physiology CC-6P Animal Physiology (Lab)	Specimens- 6. Mammalian 8. Dissection of Tilapia Identification of museums specimens- 5. Reptilia CC-6T Animal Physiology Unit-1: Tissues Unit-2: Bone & Cartilage Unit-5: Reproductive System Unit-6: Endocrine System Unit-3: Nervous System Unit-4: Muscular System Unit-4: Muscular System 4. Study of permanent slides Thysiology (Lab) 3. Preparation of temporary mounts 5. Microtomy: Preparation of permanents slide 1. Recording of simple muscle twitch with electrical stimulation 2. Demonstration of the unconditioned reflex action CC-7T Biochemistry Unit-2: Lipids Unit-6: Oxidative Phosphorylation Unit-3: Proteins Unit-4: Nucleic Acids	Specimens- 6. Mammalian 8. Dissection of Tilapia Identification of museums specimens- 5. Reptilia CC-6T Animal Physiology Unit-1: Tissues Unit-2: Bone & Cartilage Unit-5: Reproductive System Unit-6: Endocrine System Unit-3: Nervous System Mr. Ayan Kumar Bhunia CC-6P Animal Physiology (Lab) CC-6P Animal Physiology (Lab) 3. Preparation of temporary mounts Mr. Ayan Kumar Bhunia Dr. Asit Kr. Bhattacharyya Mr. Ayan Miss. Puja Panda Dr. Asit Kr. Bhattacharyya Mr. Ayan Miss. Puja Panda Dr. Asit Kr. Bhattacharyya Mr. Ayan Miss. Puja Panda Dr. Asit Kr. Bhattacharyya Mr. Ayan Miss. Puja Panda In Recording of simple Miss. Puja Panda 1. Recording of simple Miss. Puja Panda 1. Recording of simple Miss. Puja Panda CC-7T Biochemistry Unit-6: Oxidative Phosphorylation Unit-3: Proteins Unit-4: Nucleic Acids Mr. Ayan Kumar Bhunia	Specimens- 6. Mammalian 8. Dissection of Tilapia Identification of museums specimens- 5. Reptilia Office and a management of the more of permanents slide CC-6T Animal Physiology Unit-3: Nervous System Unit-4: Muscular System Unit-4: Muscular System Unit-4: Muscular System Animal Physiology (Lab) CC-6P Animal Physiology (Lab) Asit Mr. Supravat Maiti Unit-4: Muscular System Office animal Physiology (Lab) Asit Mr. Supravat Maiti Unit-4: Muscular System Mr. Supravat Maiti Office animal Physiology (Lab) Asit Mr. Ayan Panda Dr. Asit Kr. Office animal Physiology (Lab) Asit Mr. Ayan Miss. Puja Panda Dr. Asit Kr. Office animal Physiology (Lab) Asit Mr. Ayan Miss. Puja Panda Dr. Asit Kr. Office animal Physiology (Lab) Asit Mr. Ayan Miss. Puja Panda Dr. Asit Kr. Office animal Physiology Maiti Dr. Asit Kr. Office animal Physiology Dr. Asit Kr. Office

	Unit-5: Enzymes	Miss. Puja	06	1 st Month
		Panda	08	2 nd & 3 rd Month
CC-7P Biochemistry (Lab)	1.Qualitative test of carbohydrate protein &lipids	Dr. Asit Kr. Bhattacharyya	10	4 th Month
	2.Paper chromatography of amino acids	Mr. Ayan Kumar Bhunia	06	1 st Month
	3.Quantitative estimation of Lowry Methods		06	4 th Month
	4. Protein separation by SDS-PAGE	Mr. Supravat Maiti	10	2 nd &3 rd Month
	5. Enzymatic activity of Trypsin & Lipase	Miss. Puja Panda	09	2 nd Month
	6. To perform Acid &Alkaline phospatase assay from serum/tissue		09	3 rd & 4 th Month
SEC-1T	Unit-1:Biology of Bees	Dr. Asit Kr.	04	1st Month
Apiculture	Unit-2: Rearing of Bees Unit-3: Disease & Enemies	Bhattacharyya	04 03	2 nd Month 3 rd Month
	Unit-4: Bee Economy Unit-5: Entrepreneurship in Apiculture	Miss. Puja Panda	03 02	4 th Month 3 rd & 4 th Month
GE-3T	Unit-3: Marine Biology	Mr. Ayan	08	1 st & 2 nd Month
Aquatic Biology	Unit-4: Management of Resources	Kumar Bhunia	10	3 rd & 4 th Month
	Unit-1: Aquatic Biomes	Mr. Supravat	10	1 st Month
	Unit-2: Freshwater Biology	Maiti	09	2 nd Month
GE-3P Aquatic Biology	3. Determine the amount of Turbidity, Dissolved Oxygen, Free carbon	Mr. Ayan Kumar Bhunia	15	1 st to 3 rd Month
(Lab)	dioxide 4. Instruments used in Limnology		06	3 rd & 4 th Month
	1.Determine the area of a lake	Mr. Supravat Marti	03	1 st Month
	2.Idenfy the macrophytes,phytoplankto ns, zooplanktons		06	2 nd Month

Semester-IV	CC-8T	Unit-1: Integumentary	Dr. Asit Kr.	06	1 st Month
	Comparative	System	Bhattacharyya	00	4st 0 and Marcula
	Anatomy of	Unit-2: Skeletal System		08	1 st & 2 nd Month
	Vertebrates	Unit-3: Digestive System		80	2 nd Month
		Unit-5: Circulatory System	Mr. Ayan Kumar Bhunia	07	1 st Month
		Unit-4: Respiratory System	Mr. Supravat	08	1 st Month
		Unit-8: Sense Organs	Maiti	80	2 nd Month
		Unit-6: Urinogenital System	Miss. Puja	08	1 st Month
		Unit-7: Nervous System	Panda	80	2 nd Month
	CC-8P Comparative	1.Study of placoid, cycloid, ctenoid scales	Mr. Ayan Kumar Bhunia	03	1st Month
	Anatomy of Vertebrates (Lab)	2.Study of disarticulated skeleton of Toad, Pigeon, Guinea pig		12	2 nd & 3 rd Month
		3.Demonstration of Carapace Plastron of turtle	Dr. Asit Kr. Bhattacharyya	06	3 rd & 4 th Month
		4.Identification of mammalian skulls		03	4 th Month
		5. Dissection of Tilapia	Mr. Supravat Marti	09	1 st & 2 nd Month
	CC-9T Animal Physiology	Unit-1: Physiology of digestion	Dr. Asit Kr. Bhattacharyya	10	2 nd & 3 rd Month
	THYSIOLOGY	Unit-3: Physiology of circulation	Mr.Ayan Kumar Bhunia	10	1 st & 2 nd Month
		Unit-4: Physiology of heart		12	2 nd & 3 rd Month
		Unit-2: Physiology of respiration	Mr. Supravat Maiti	08	1 st & 2 nd Month
		Unit-5: Thermoregulation & Osmoregulation	Miss.Puja Panda	04	3 rd Month
		Unit-6: Renal physiology		08	4 th Month
	CC-9P Animal	1.Determination of ABO blood group	Mr.Ayan Kumar Bhunia	03	1 st Month
	Physiology (Lab)	2.Enumeration of RBC & WBC using		06	2 nd & 3 rd Month
	(200)	haemocytometer 3.Estimation of haemoglobin using haemoglobinometer		06	3 rd & 4 th Month
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	4. Preparation of haemin &	Micc Duio	06	1 st Month
	haemochromogen crystals	Miss.Puja Panda	06	1 vionth
	5. Recording of blood	Pallua	06	2 nd Month
	=		00	2 WOULT
CC-10T	pressure Unit-1: Overview of	Dr. Asit Kr.	08	3 rd Month
			08	3 IVIOIILII
Immunology	Immune System	Bhattacharyya	08	4 th Month
	Unit-2: Innate & Adaptive		08	4" MONTH
	immunity	Mr Avon	00	3 rd Month
	Unit-3: Antigen	Mr.Ayan	08	4 th Month
	Unit-4: Immunoglobulin	Kumar Bhunia	10	4" Wonth
	Unit-5: Major	Mr. Supravat	12	1 st & 2 nd Month
	Histocompatibility Complex	Maiti		
	Unit-6: Cytokines		10	3 rd Month
	Unit-7: Complement System		80	3 rd & 4 th Month
	Unit-8: Hypersensitivity		07	4 th Month
	Unit-9: Immunology of	Miss.Puja	05	1 st Month
	diseases	Panda		
	Unit-10: Vaccines		06	2 nd Month
CC-10P	1.Demonstration of	Dr. Asit Kr.	06	3 rd Month
Immunology	lymphoid organs	Bhattacharyya		
(Lab)	2. Histological study		06	4 th Month
	through slides			
	3.Preparation of stained	Mr.Ayan	06	1 st & 2 nd Month
	blood film	Kumar Bhunia		
	4. ABO blood group		03	3 rd Month
	determination			
	5.Demonstration of ELISA	Mr. Supravat	09	1st & 2 nd Month
		Maiti		
SEC-2T	Unit-1: Introduction to	Dr. Asit Kr.	06	3 rd Month
Sericulture	Sericulture	Bhattacharyya		
	Unit-2: Biology of Silkworm		05	4 th Month
	Unit-3: Rearing of Silkworm	Miss.Puja	06	3 rd Month
	Unit-4: Pests & Diseases	Panda	04	4 th Month
	Unit-5: Entrepreneurship in		02	4 th Month
	Sericulture			
GE-4T	Unit-2: Climate Change	Mr.Ayan	12	1 st & 2 nd Month
Environment &	Unit-3: pollution	kumar Bhunia	15	3 rd Month
public Health	Unit-4: Waste Management		10	4 th Month
	Technologies			
	Unit-1: Introduction to	Mr. Supravat	10	1 st Month
	Environment	Maiti	12	2 nd Month
	Unit-5: Diseases		12	3 rd Month

	GE-4P Environment & Public Health (Lab)	1.To determine PH, Cl,SO4, NO3,in soil & water	Mr.Ayan kumar Bhunia	12	1 st to 4 th Month
Semester-V	CC-11T Molecular Biology	Unit-1: Nucleic Acids Unit-4: Translation Unit-8: Molecular Techniques	Mr.ayan Kumar Bhunia	10 10 08	1 st Month 2 nd Month 3 rd & 4 th Month
		Unit-2: DNA Replication Unit-3: Transcription Unit-5: Post transcriptional Modification	Mr. Supravat Maiti	10 07 07	1 st Month 2 nd Month 3 rd Month
		Unit-6: Gene Regulation Unit-7: DNA Repair Mechanism		10 10	4 th Month 5 th Month
	CC-11P Molecular Biology	1.Demonstration of polytene & lampbrush chromosome	Mr.Ayan Kumar Bhunia	06	1 st Month
	(Lab)	2.Isolation & quantification of Genomic DNA 3.Agarose gel electrophoresis for DNA	Mr. Supravat Maiti	09 12	1 st & 2 nd Month 2 nd & 3 rd Month
	CC-12T Genetics	Unit-1: Mendelian Genetics Unit-3: Mutation Unit-2: Linkage, Crossing Over, Chromosomal Mapping	Dr. Asit Kr. Bhattacharyya Mr.Ayan Kumar Bhunia	10 08 10	1 st Month 1 st Month 1 st Month
		Unit-7: Transposable Genetic Elements	Mr. Supravat Maiti	12	1 st & 2 nd Month
		Unit-4: Sex Determination Unit-5:Extra-chromosomal Inheritance	Miss. Puja Panda	04 04	1 st Month 1 st Month
		Unit-6: Recombination in Bacteria & Viruses		06	1 st Month
	CC-12P Genetics	2.Linkage maps Based on conjugation	Mr. Supravat maiti	12	1 st & 2 nd Month
	(Lab)	3.Identification of chromosomal aberration 4.Pedigree analysis of some human inherited traits		12 09	2 nd & 3 rd Month 3 rd & 4 th Month
		1.Chi-square analyses	Miss. Puja Panda	06	1 st & 2 nd Month

DSE-1T Fish &	Unit-2: Morphology & physiology	Dr. Asit Kr. Bhattacharyya	04	2 nd Month
Fisheries	Unit-4: Aquaculture Unit-5: Fish in research	Briaccacharyya	11 10	2 nd Month 3 rd Month
	Unit-1:Fish Introduction & Classification	Miss. Puja Panda	03	3 rd Month
	Unit-3: Fisheries		12	4 th Month
DSE-1P Fish &	1.Morphometric& meristic characters of fishes	Dr. Asit Kr. Bhattacharyya	06	1 st Month
Fisheries	2.Study of museum fishes		06	2 nd Month
(Lab)	3.Study of different types of scales		03	3 rd Month
	7.Project Report on visit to any fish farm		03	4 th Month
	4.Study of craft & gears used in Fisheries	Miss. Puja Panda	06	4 th Month
	5.Water quality criteria for Aquaculture		03	5 th Month
	6.Study of air breathing organs		06	3 rd & 4 th month
DSE-2T	Unit-1: Introduction of	Mr. Ayan	15	3 rd Month
Animal Biotechnology	Animal Biotechnology Unit-2: Molecular	Kumar Bhunia	15	3 rd & 4 th Month
	Techniques In Gene manipulation			
	Unit-3: Genetically Modified Organisms	Mr. Supravat maiti	15	2 nd Month
	Unit-4: Culture Techniques & Application		15	4 th Month
DSE-2P Animal	7.Project report on animal cell culture	Mr. Ayan Kumar Bhunia	06	4 th Month
Biotechnology (Lab)	1.Genomic DNA isolation from E.coli	Mr. Supravat Maiti	03	1 st month
	2.Plasamid DNA isolation from E.coli		03	2 nd Month
	Restriction digestion of plasmid DNA		03	3 rd Month
	4.Construction of circular & linear restriction map		06	4 th Month
	5.Calculation of transformation efficiency		03	5 th Month
	6. To study different techniques		10	3 rd & 4 th Month

Semester-VI	CC-13T Developmenta	Unit-1: Introduction of Development Biology	Dr. Asit Kr. Bhattacharyya	08	1 st Month
	l Biology	Unit-2: Early Embryonic Development	Mr. Ayan Kumar Bhunia	14	1 st & 2 nd Month
		Unit-3: Late Embryonic Development	nama shama	14	3 rd & 4 th Month
		Unit-4: Post Embryonic Development	Mr. Supravat Maiti	13	1 st & 2 nd Month
		Unit-5: Implication of Development Biology		12	2 nd & 3 rd Month
	CC-13P Developmenta	4. Project report on Drosophila culture	Dr. Asit Kr. Bhattacharyya	06	1 st Month
	l Biology (Lab)	1.Study of whole mounts of developmental stages of chick	Mr. Ayan Kumar Bhunia	06	1 st Month
		2.Study of developmental stages & life cycle of Drosophila	Mr. Supravat Maiti	09	1 st Month
		3. Study of Different section of placenta		06	3 rd Month
	CC-14T	Unit-1: Life's Beginnings	Dr. Asit Kr.	08	2 nd Month
	Evolutionary Biology	Unit-8: Origin & Evolution of Man	Bhattacharyya	07	3 rd Month
		Unit-2: Historical review of Evolutionary concepts	Mr. Ayan Kumar Bhunia	07	2 nd Month
		Unit-3: Geological time scale		07	3 rd Month
		Unit-5: Population genetics	Mr. Supravat	10	1 st & 2 nd Month
		Unit-7: Extinction	Maiti	07	2 nd & 3 rd Month
		Unit-4: Sources of variation	Miss. Puja	07	1 st Month
		Unit-6: Species concept	Panda	07	2 nd Month
		Unit-9: Phylogenetic trees		07	3 rd Month
	CC14P Evolutionary	1.Study of fossils from models/ pictures	Dr. Asit Kr. Bhattacharyya	06	3 rd Month
	Biology (Lab)	3.Study & verification of Hardy – Weinberg laws	Mr. Supravat Maiti	20	1 st & 2 nd month
		4. Graphical representation & interpretation of data of height/ weight		15	3 rd month
		2. Study of homology & analogy from suitable specimens	Miss. Puja Panda	10	1 st & 2 nd Month

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DSE-3T	Unit-2: Epiphysis,	Mr. Ayan	12	1 st & 2 nd Month
Endocrinology	Hypothalamo – hypophysial	Kumar Bhunia		
	Axis			ard a sthan
	Unit-3: Peripheral		15	3 rd & 4 th Month
	Endocrine Glands			
	Unit-1: Introduction to	Mr. Supravat	15	1 st to 3 rd Month
	Endocrinology	Maiti		
	Unit-4: Regulation of		15	4 th Month
	Hormone Action			
DSE-3P	2. Study of permanent	Mr. Ayan	09	1 st & 2 nd Month
Endocrinology	slides of all endocrine	Kumar Bhunia		
(Lab)	glands		14	3 rd & 4 th Month
	3. Microtomy & Slide			
	preparation Of any			
	endocrine glands			
	1.Dissect & display of	Mr. Supravat	10	1 st & 2 nd Month
	Endocrine glands in	Maiti		
	laboratory bred rat			
	4.Estimation of plasma level		15	2 nd & 3 rd Month
	of any hormone using ELISA			
	5. Designing of primer of		10	3 rd & 4 th Month
	any hormone			
DSE-4T	Unit-1: Introduction to Wild	Dr. Asit Kr.	10	2 nd & 3 rd Month
Wild Life	life	Bhattacharyya		
Conservation	Unit-2: Evaluation &		15	3 rd Month
&	management of Wildlife			
Management	Unit-3: Management of		12	3 rd Month
	habitats			
	Unit-4: Population		12	4 th Month
	estimation			
	Unit-5: Aims & objectives of	Miss. Puja	13	1 st Month
	wildlife conservation	Panda		
	Unit-6: Management		10	2 nd Month
	planning of wildlife in			
	protected areas			
	Unit-7: Man & Wildlife		12	3 rd Month
	Unit-8: Protected areas		15	4 th Month
DSE-4P	1.Identification of flora,	Dr. Asit Kr.	12	3 rd Month
Wild Life	mammalian fauna, avian	Bhattacharyya		
Conservation	fauna, herpeto-fauna	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
&	2.Demonstration of basic		13	3 rd Month
Management	equipment needed in			
(Lab)	wildlife studies use			
(Lab)	Whalle Studies use			

3.Familiarization & study of animal evidences in the field		15	4 th Month
4. Demonstration of different field techniques for flora & fauna	Miss. Puja Panda	10	2 nd Month
5. Different types of method for wild life study		14	3 rd Month
6.Trail/ transect monitoring for abundance & diversity estimation of mammals & bird (direct & indirect		12	4 th Month
evidences)			