Academic Plan of Department of Zoology, Year 2023-24

Part	Semester	Time Frame	Unit	Paper ZOOA-CC1---TH and PR / Module/ Assessments MAJOR/MINOR/MDC (CELL BIOLOGY)	Teachers	Other Activities
I	I NEP	July		Introductory class, Post examination works, CU assignments	SG, DT	• Assignments given & checked • Group discussion • doubt clearing classes
		August	2	Cytoplasmic organelles	DT	
			5	Nucleus	SG	
		September	1	Plasma membrane	SG	
			PR 1 and PR3	Trypan Blue Assay Squamous cell staining	SG SG	
		October	1	Plasma membrane	SG	
			7	Cell signalling	DT	
		November	3	Cytoplasmic organelles II	DT	
			6	Cell Cycle	DT	
		December		Revision and completion of backlogs, practical practice classes, class tests	SG, DT	
		January	8	Tools and techniques	SG	
				Semester- end Exams	SG, DT	

Part	Semester	Time Frame	Unit	Paper ZOOA-SEC1- TH and PR / Module/ Assessments MAJOR (APPLIED ENTOMOLOGY)	Teachers	Other Activities
I	I NEP	July August	3	Agricultural entomology	DR	• Assignments given & checked • Group discussion • doubt clearing
		September	4	Sericulture	DR	
			5	Apiculture	DR	
			PR 1--6	Identification and morphological studies	DR	
		October	1	Basics of entomology	DR	

			2	Medical entomology	DR	classes
		November December		Revision and backlogs	DR, SG	
		January	PR 2	Temporary mounting	SG, DR	

Part	Semester	Time Frame	Unit	Paper ZOOG-SEC G TH and PR / Module/ Assessments MDC (APPLIED ZOOLOGY)	Teachers	Other Activities
I	I NEP	July August	1	Agricultural entomology	DR	• Assignments given & checked • Group discussion • doubt clearing classes
			4	Vermiculture	DR	
			PR 1--3	Identification	DR, SG	
		September	2	Sericulture	DR	
			3	Apiculture	DR	
		October	7	Lac culture	SG	
		November December January		Practice practical, class test, internal assessment	SG, DR	
		February	4d	Excursion	DR	

NEP CURRICULUM [Session- July 2023 to December 2023]								
Paper	Theory			Total Classes=50	Practical			Total Classes= 10 (20 Hours)
	Teachers				Teachers			
	SG	DT	DR		SG	DT	DR	
CC1	20	30	--	50	8	2	--	10
SEC 1	--	--	50	50	2	---	8	10
SEC G	5	15	30	50	4	--	6	10

**Number of working days=110, [Fall through classes due to shortage of teaching staff, to be compensated by arranging classes in between examination period- January February 2024]

Part	Semester	Time Frame	Unit	Paper ZOOA-CC3-5-TH and PR / Module/ Assessments (CHORDATA)	Teachers	Other Activities
II	III CBCS	July August		Introductory class Semester- Exams and Post examination Assignments	SG, DT, DR	• Assignments given & checked • Group discussion • Doubt clearing classes • Practical practice classes (SG) • Class test (DR)
		September October	PR 4	Study of habit, habitat or behaviour of any one animal	DR	
			PR 1 d, e, f	Amphibia and Reptilia	SG	
		November	5	Amphibia	SG	
			PR 1 d, e, f	Amphibia and Reptilia	SG	
		December	7	Aves	DR	
			PR 1 a, b, c	Protochordata, Agnatha, Pisces	DT	
			1	Introduction to Chordates	DT	
			2	Protochordata	DT	
			3	Agnatha	DR	
		January	PR 2	Urinogenital system of *Tilapia*	SG	
		February	4	Pisces	DT	
			6	Reptilia	SG	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC3-6 TH & PR / Module/ Assessments (ANIMAL PHYSIOLOGY: CONTROLLING AND CO-ORDINATING SYSTEM)	Teachers	Other Activities
II	III CBCS	July August		Introductory class Semester- Exams and Post examination Assignments	SG, DT, DR	• Assignments given & checked • Group discussion
		September	PR 2	Striated muscle fibre	SG	
		October	PR 2	Practice	SG	
		November	6	Endocrine System	DT, SG	
			PR 4	Microtomy and staining	SG	

		December	1	Tissues	DT	• doubt clearing classes
			2	Bone and Cartilage	DT	
			3	Nervous System	DT	
			5	Reproductive System	SG	
		January	PR 3	Study of permanent slides of Mammalian skin, spinal cord, Pancreas, Testis, Ovary, Adrenal, Lung	SG	
			4	Muscular System	SG	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC3-7 TH & PR / Module/ Assessments* (FUNDAMENTALS OF BIOCHEMISTRY)	Teachers	Other Activities
II	III CBCS	July August		Introductory class Semester- Exams and Post examination Assignments	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
		September	5	Enzymes	DR	
		October	1	Carbohydrates	DR	
		November		Revision and class test	SG, DT, DR	
		December	PR 1	Qualitative tests for proteins and lipids	DR	
			3	Proteins	DR	
			2	Lipids	DR	
		January	6	Oxidative Phosphorylation	DR	
			4	Nucleic Acids	DR	
			PR 1	Qualitative tests for carbohydrates	DR	
			PR 3	Paper Chromatography of Amino Acids	SG	
		February	PR 4	Lowry's Test	SG	

Part	Semester	Time Frame	Unit	Paper ZOOG-CC3-3 TH & PR / Module/ Assessments (PHYSIOLOGY AND BIOCHEMISTRY)	Teachers	Other Activities
II	III CBCS	July August		Introductory class Semester- Exams and Post examination Assignments	DR	•
		September October	7	Carbohydrate Metabolism	DR	• Assignments given & checked • Group discussion • doubt clearing classes
			8	Lipid Metabolism,	DR	
			9	Protein Metabolism	DR	
		November	5	Excretion	DR	
			10	Enzyme	DR	
			6	Reproduction and endocrine glands	SG	
			10	Enzymes	DR	
			PR 1 PR 2	Histology Histology	SG SG	
		December	3	Respiration	DR	
			2	Digestion	SG	
			9	Protein Metabolism	DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-SEC(A)-3 TH / Module/ Assessments (SERICULTURE)	Teachers	Other Activities
II	III CBCS	July	1	Introduction	SG	• Assignments given & checked • Group discussion • doubt clearing classes
		August September	2	Biology of Silk Worm	DR	
			4	Pests and Diseases	DR	
		October	3	Rearing of Silkworms	DR	
		November		Revision		
		December	5	Entrepreneurship in Sericulture	DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC5-11 TH & PR / Module/ Assessments (ECOLOGY)	Teachers	Other Activities
III	V CBCS	July August September	1	Introduction to Ecology	DR	• Assignments given & checked • Group discussion • doubt clearing classes
			2	Population	DR	
			3	Community	DR	
			PR 1	Population density	DR	
		October		Revision		
		November	4	Ecosystem	DT	
			PR 3	Excursion	SG, DT	
		December	4	Ecosystem (completion and revision) Excursion project preparation	DT SG	
		January	5	Applied Ecology	DT	
			PR 2	Estimations	SG, DT	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC5-12 TH & PR / Module/ Assessments (PRINCIPLES OF GENETICS)	Teachers	Other Activities
III	V CBCS	July August September	1	Mendelian Genetics and its Extension	DT	• Assignments given & checked • Group discussion • doubt clearing classes
			2	Linkage Crossing Over and Linkage Mapping	DT	
		October	PR 1	Chi-square analyses for genetic ratio test	SG	
		November	3	Mutations	SG	
			5	Extra-chromosomal Inheritance	SG	
			7	Transposable Genetic Elements	DT	
			PR 2	Identification of chromosomal aberration in Drosophila and man from photograph	SG	
		December		Revision and Internal Exam	SG, DT	
		January	PR 3	Pedigree analysis of some inherited traits in animals	SG	

			4	Sex Determination	SG	

Part	Semester	Time Frame	Unit	Paper ZOOA-DSE(A)-5-1 TH & PR / Module/ Assessments (PARASITOLOGY)	Teachers	Other Activities
III	V CBCS	July August September	1	Introduction to Parasitology	DR	• Assignments given & checked • Group discussion • doubt clearing classes and class test
		October	2	Parasitic Protists	DR	
			4	Parasitic Nematodes	DR	
			PR 1 PR 2 PR3	Study of life stages of Giardia intestinalis, *Trypanosoma gambiense, Leishmania donovani*, *Plasmodium vivax*, *Plasmodium falciparum* through permanent slides/micro photographs Study of adult and life stages of *Schistosoma haematobium*, *Taenia solium* through permanent slides/micro photographs Study of adult and life stages of *Ancyclostoma duodenale* through permanent slides/micro photographs	DR	
		November	6	Parasitic Vertebrates	DT	
		December	5	Parasitic Arthropods	DT	
			3	Parasitic Platyhelminthes	DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-DSE(B)-5-2 TH & PR / Module/ Assessments (REPRODUCTIVE BIOLOGY)	Teachers	Other Activities
III	V CBCS	September	PR 3	H-E staining of histological slides	SG	

		October	PR 2	Tissue fixation, embedding in paraffin, microtomy and slide preparation	SG	• Assignments given & checked • Group discussion • doubt clearing classes
		November	2	Functional anatomy of male reproduction	SG	
			3	Functional anatomy of female reproduction	SG	
			PR 4	Examination of histological sections	SG	
		December	1	Reproductive Endocrinology	DT	
			4	Reproductive health	DT	
		January	PR 1	Study of animal house	DT	

Part	Semester	Time Frame	Unit	Paper ZOOG- DSE-A-5-2 TH and PR / Module/ Assessments (AQUATIC BIOLOGY)	Teachers	Other Activities
III	V CBCS	July August September October	1	Aquatic Bionics	SG	• Assignments given & checked • Group discussion and Excursion
			3	Marine Biology	SG	
		November	1	Aquatic Bionics	SG	
			3	Marine Biology	SG	
			2	Freshwater Biology Lakes	DT	
			PR 2 &PR 3	Identification and O2 CO2 estimation	SG	
		December	2	Freshwater Biology Lakes	DT	
			4	Management of Aquatic Resources	DT	
				Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOG- SEC-A-5-3 TH / Module/ Assessments (SERICULTURE)	Teachers	Other Activities
III	V CBCS	July August	1	Introduction	DR	
			2	Biology of Silkworm	DR	

		September				• Assignments given & checked • Group discussion • doubt clearing classes
		October November		Revision	DR	
		December	3	Rearing of Silkworms	DR	
			4	Pests and Diseases	DR	
			5	Entrepreneurship in Sericulture	DR	

CBCS CURRICULUM [ODD SEMESTERS III and V] [Session- July 2023 to December 2023]								
Paper	Theory			Total Classes=50	Practical			Total Classes=30 (60 Hours)
SEM V	Teachers				Teachers			
	SG	DT	DR		SG	DT	DR	
CC 11	--	20	30	50	15	12	3	30
CC 12	30	20	--	50	30	---	--	30
DSEA	--	15	35	50	--	12	18	30
DSEB	25	25	--	50	24	6	--	30
ZOOG SECA	--	--	30	50	---	--	---	
ZOOG DSEA	25	25	--	50	6	24	--	30
SEM III								
CC5	12	19	19	50	18	6	6	30
CC6	25	25	--	50	30	--	--	30
CC7	--	--	50	50	15	--	15	30
SEC	--	--	30	30	--	--	--	
ZOOG GE3	12	12	26	50	24	--	6	30

**Number of working days=110, [Fall through classes due to shortage of teaching staff, to be compensated by arranging classes in between examination period- January February 2024]

Part	Semester	Time Frame	Unit	Paper ZOOA-CC4-8-TH and PR/ Module/ Assessments (COMPARATIVE ANATOMY OF VERTEBRATES)	Teachers	Other Activities
I	IV	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion • Doubt clearing classes
		April	1	Integumentary System	DR	
			2	Digestive System	DT	
			3	Respiratory System	DR	
			4	Circulatory System	DT	
			7	Skeletal System	SG	
			PR 2	Study of disarticulated skeleton of toad, Pigeon, Guineapig (limb bones, vertebrae, limb and girdle)	DR	
			PR 4	Identification of skulls: Pigeon, one herbivore (Guineapig) and one carnivore (Dog) animal	SG	
		May	5	Urinogenital System	DT	
			7	Skeletal System	SG	
			PR 2	Osteology: Limb bones, girdle and vertebra of Pigeon & Guineapig, Mammalian skulls: One herbivorous; Guinea pig and one carnivorous; Dog.	SG	
		June	2	Digestive System	SG	
			6	Comparative account of brain in vertebrates; cranial nerves; olfactory and auditory receptors in vertebrates	DT	
		July	2	Digestive System	SG	
			PR 3	Comparative study of heart and brain, with the help of model/picture	DT	
			PR 2	Osteology: Limb bones, girdle and vertebra of Pigeon & Guineapig, Mammalian skulls: One herbivorous; Guinea pig and one carnivorous; Dog.	SG	

				Semester- end Exams	SG, DT, DR	
		August	PR 1	Study of placoid, cycloid and ctenoid scales through permanent slides/photographs	SG	
				Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC4-9-TH and PR/ Module/ Assessments (ANIMAL PHYSIOLOGY: LIFE SUSTAINING SYSTEMS)	Teachers	Other Activities
I	IV	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
			6	Renal Physiology	DT	
		April	1	Physiology of Digestion	SG	
			2	Physiology of Respiration	DT	
			5	Thermoregulation and Osmoregulation	DR	
			6	Renal Physiology	DR	
			PR 2	Estimation of haemoglobin using Sahli's haemoglobin meter	SG	
			PR 3	Identification of blood cells from human blood	SG	
			PR 6	Demonstration of blood pressure by digital meter	SG	
		May	PR 1	Determination of ABO Blood group	SG	
			PR 4	Preparation of haemin crystals and haemochromogen crystals	SG	
		June	PR 4	Preparation of haemin crystals and haemochromogen crystals	SG	
			PR 5	Identification of blood cells from cockroach haemolymph	SG	
		July	4	Physiology of Heart	DT	
			PR 4	Preparation of haemin crystals and haemochromogen crystals	SG	
				Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC4-10-THand PR/ Module/ Assessments (IMMUNOLOGY)	Teachers	Other Activities
I	IV	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
		April	1	Overview of Immune System	DR	
			2	Innate and Adaptive Immunity	DR	
			3	Antigens	DR	
			9	Vaccines	DR	
		May	4	Immunoglobulins	DR	
			5	Major Histocompatibility Complex	DR	
			6	Cytokines	DR	
			7	Complement System	DR	
			8	Hypersensitivity	DR	
			PR 1	Demonstration of lymphoid organs (by picture).	DR	
			PR 2	Histological study of Bursa fabricius, spleen, thymus and lymph nodes through slides/photographs	DR	
			PR 3	Demonstration of ELISA	DR	
		June		Revision	DR	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-SEC(B)-4-1 TH / Module/ Assessments (AQUARIUM FISH KEEPING)	Teachers	Other Activities
I	IV	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion
		April	1	Introduction to Aquarium Fish Keeping	DT	
			2	Biology of Aquarium Fishes	DT	

		May	3	Food and feeding of Aquarium fishes	DT	• doubt clearing classes
			4	Fish Transportation	DT	
		June	5	Maintenance of Aquarium	DT	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOG-CC4-4- TH and PR/ Module/ Assessments (GENETICS AND EVOLUTIONARY BIOLOGY)	Teachers	Other Activities
I	IV	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
			3	Mutation	SG	
			4	Sex Determination	SG	
		April	1	Mendelian Genetics and its Extension	DT	
			5	Origin of Life	DR	
			6	Evolutionary Theories	DR	
			7	Process of Evolutionary changes	DR	
			8	Speciation	DR	
			PR 1	Verification of Mendelian Ratio using Chi square test.	SG	
			PR 2	Identification of Human Aneuploidy using photo graph of karyotype.	SG	
			PR 4	Study and identification of Darwin Finches from photographs.	DR	
			PR 5	Visit to natural history museum and submission of report.	DR	
		May	2	Linkage and Crossing over	DT	
			PR 1	Verification of Mendelian Ratio using Chi square test.	SG	
		June		Revision	SG, DT, DR	
		July	PR 3	Phylogeny of horse with diagram of limb and skull.	DT	
				Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC6-13-TH and PR/ Module/ Assessments (DEVELOPMENTAL BIOLOGY)	Teachers	Other Activities
I	VI	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
		April	1	Early Embryonic Development	DR	
			2	Late Embryonic Development	SG	
			PR 1	Study of whole mounts of developmental stages of chick embryo through permanent slides: 24, 48, and 96 hours of incubation	SG	
			PR 2	Study of the developmental stages and life cycle of Drosophila	SG	
			PR 3	Study of different sections of placenta (photomicrograph/ slides)	SG	
		May	1	Early Embryonic Development	DR	
			4	Implications of Developmental Biology	DR	
			PR 4	Identification of Invertebrate larva through slides/ photographs of Phylum Annelida, Arthropoda, Mollusca and Echinodermata	SG	
		June	3	Post Embryonic Development	SG, DR	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-CC6-14-TH and PR/ Module/ Assessments (EVOLUTIONARY BIOLOGY)	Teachers	Other Activities
I	VI	January February March		Semester- end Exams Introductory classes	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing
			1	Origin of Life (Chemical basis), RNA world hypothesis	DR	
			6	Origin and Evolution of Man, Unique Hominid characteristics contrasted with primate characteristic	DR	
			7	Population genetics: Hardy-Weinberg Law; factors disrupting H-W equilibrium (Genetic Drift, Migration and Mutation and Selection	DR	

				in changing allele frequencies (only derivations required). Simple problems related to estimation of allelic and gene frequencies.		classes
			8	Extinction, back ground and mass extinctions, detailed example of K-T extinction	DR	
			9	Phylogenetic trees, construction and interpretation of Phylogenetic tree using parsimony, convergent and divergent evolution.	DR	
		April	2	Historical review of Evolutionary concepts: Lamarkism, Darwinism and Neo Darwinism	DR	
			4	Natural Selection: Modes with Examples;	DR	
			PR 1	Study of fossils from models/ pictures: Dickinsonia, Paradoxides (Trilobita), Asteroceras (Ammonoid), Pentremites (Blastoid Echinoderm), Ichthyosaur, Archaeopteryx, Cynodont.	DR	
			PR 2	Study of homology and analogy from suitable specimens.	DR	
		May	9	Phylogenetic trees, construction and interpretation of Phylogenetic tree using parsimony, convergent and divergent evolution.	DR	
			PR 3	Phylogenetic trees, Construction & interpretation of Phylogenetic tree using parsimony, Construction of dendrogram following principles of phenetics & cladistics from a data table.	DR	
		June		Revision	DR	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-DSE(A)-6-1-TH and PR/ Module/ Assessments (ANIMAL CELL BIOTECHNOLOGY)	Teachers	Other Activities
I	VI	January February		Semester- end Exams Introductory classes	SG, DT, DR	

		March				• Assignments given & checked • Group discussion • doubt clearing classes
		April	3	Animal Cell Culture	SG	
			4	Fermentation	SG	
			PR 1	Packing and sterilization of glass and plastic wares for cell culture.	SG	
			PR 2	Preparation of culture media.	SG	
			PR 5	Techniques	SG	
		May	1	Introduction	DT	
			2	Techniques in Gene Manipulation	DT	
			5	Application in Health	SG	
			PR 4	Plasmid DNA isolation (pUC 18/19) and DNA quantitation using agarose gel electrophoresis (by using lambda DNA as standard).	DT	
		June	PR 3	Preparation of genomic DNA from E. coli/animals/ human.	SG	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOA-DSE(B)-6-2-TH and PR/ Module/ Assessments (FISH AND FISHERIES)	Teachers	Other Activities
I	VI	January February March		Semester- end Exams	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
		April	1	Introduction and Classification	DT	
			3	Fisheries	DT	
			PR 3	Study of different types of scales (through permanent slides/ photographs).	DT	
			PR 4	Study of crafts and gears used in Fisheries (Photoghaphs)	DT	
		May	2	Morphology and Physiology	DT	
			4	Aquaculture	DT	
			PR 1	Morphometric and meristic characters of fishes	DT	

			PR 2	Identification of *Petromyzon, Myxine, Pristis, Exocoetus, Hippocampus, Gambusia, Labeo, Heteropneustes, Anabas*	DT	
			PR 6	Study of air breathing organs in *Channa, Heteropneustes, Anabas* and *Clarias*	DT	
		June	5	Fish in research	DT	
			PR 5	Water quality criteria for Aquaculture: Assessment of pH, alkalinity, Salinity.	DT	
			PR 7	Project Report on a visit to any fish farm/ pisciculture unit/Zebrafish rearing Lab.	DT	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOG-DSE-B-6-2-TH and PR/ Module/ Assessments (ECOLOGY& WILD LIFE BIOLOGY)	Teachers	Other Activities
I	VI	January February March		Semester- end Exams	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
			PR 1	Identification of flora, mammalian fauna, avian fauna	DR	
			PR 2	Demonstration of basic equipment needed in wildlife studies use, care and maintenance (Compass, Binoculars, Spotting scope, Range Finders, Global Positioning System, Various types of Cameras and lenses)	DR	
			PR 3	Familiarization and study of animal evidences in the field; Identification of animals through pug marks, hoof marks, scats, pellet groups, nest, antlers, etc.	DR	
		April	2	Population	DR	
			3	Community	DR	
		May	1	Introduction to Ecology	DR	
			4	Ecosystem	DT	

			5	Wild Life	DT	
		June	PR 4	Study of an aquatic ecosystem: Phytoplankton and zooplankton, Measurement of area, temperature, salinity, determination of pH, and Dissolved Oxygen content (Winkler's method), Chemical Oxygen Demand and free CO2	DT SG	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

Part	Semester	Time Frame	Unit	Paper ZOOG-SEC-B-6-4-TH/ Module/ Assessments (MEDICAL DIAGNOSIS)	Teachers	Other Activities
I	VI	January February March		Semester- end Exams	SG, DT, DR	• Assignments given & checked • Group discussion • doubt clearing classes
		April	4	Infectious Diseases	SG	
			5	Clinical Biochemistry	SG	
		May	1	Diagnostics Methods Used for Analysis of Blood	SG	
			2	Diagnostic Methods Used for Urine Analysis	SG	
			3	Non-infectious Diseases	SG	
			6	Clinical Microbiology	SG	
		June	7	Tumours	SG	
			8	Visit to pathological Laboratory and Submission of Project	SG	
		July		Semester- end Exams	SG, DT, DR	
		August		Semester- end Exams	SG, DT, DR	

CBCS CURRICULUM [EVEN SEMESTERS IV and VI] [Session- January 2024 to June 2024]								
Paper	Theory			Total Classes=50	Practical			Total Classes=30 (60 Hours)
SEM VI	Teachers				Teachers			
	SG	DT	DR		SG	DT	DR	
CC 13	25	---	25	50	30	--	--	30
CC 14	---	---	50	50	--	--	30	30
DSEA	30	20	---	50	30	--	--	30
DSEB	---	50	---	50	--	30	--	30
ZOOG SECB	30	---	---	30	---	--	---	--
ZOOG DSEB	---	20	30	50	6	6	18	30
SEM IV								
CC8	15	15	20	50	24	--	6	30
CC9	10	20	20	50	15	--	15	30
CC10	--	--	50	50	--	--	30	30
SEC	--	30	--	30	--	--	--	--
ZOOG GE3	15	10	15	50	12	6	12	30

**Number of working days=138, [Fall through classes due to shortage of teaching staff, to be compensated by arranging classes in between examination period- July August 2024]