

ZOOLOGY GENERAL SYLLABUS DISTRIBUTION (YEAR 2021-2022)

YEAR	SEMESTER	PAPER CODE	TOPIC	CONCERNED TEACHER
2021-2022	I	CC1/GE1 TH  (ANIMAL DIVERSITY)  CC1/GE1P	UNIT 1:PROTISTA UNIT 2:PORIFERA UNIT 3:CNIDARIA UNIT4:PLATYHELMINTHES UNIT 5:NEMATHELMINTHES UNIT 6: ANNELIDA UNIT 7:ARTHROPODA UNIT 8: MOLLUSCA UNIT 9: ECHINODERMATA UNIT 10:PROTOCHORDATE UNIT 11: AGNATHA UNIT 12: PISCES UNIT 13: AMPHIBIA UNIT 14: REPTILIA UNIT 15: AVES UNIT 16: MAMMALIA  IDENTIFICATION, DISSECTION, ANIMAL ALBUM	D.S D.S D.S D.S  D.S D.S D.S D.S D.S D.S D.S D.S D.S D.S D.S D.S
	II	CC2/GE2 TH (COMPARATIVE ANATOMY AND DEVELOPMENTAL BIOLOGY)  CC2/GE2 P	UNIT 1: INTEGUMENTARY SYSTEM UNIT 2: DIGESTIVE SYSTEM UNIT 3: RESPIRATORY SYSTEM: UNIT 4: CIRCULATORY SYSTEM: UNIT 5: URINOGENITAL SYSTEM UNIT 6: EARLY EMBRYONIC DEVELOPMENT UNIT 7: LATE EMBRYONIC DEVELOPMENT  OSTEOLOGY LARVAL STAGES PLACENTA IDENTIFICATION CHICK EMBRYO IDENTIFICATION	D.S D.S D.S D.S D.S D.S D.S D.S D.S D.S D.S
	III	CC3/GE3 TH	UNIT 1: NERVE AND MUSCLE	D.S

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		(ANIMAL PHYSIOLOGY AND BIOCHEMISTRY)	UNIT 2: DIGESTION UNIT 3: RESPIRATION UNIT 4: CARDIO VASCULAR SYSTEM UNIT 5: EXCRETION UNIT 6: REPRODUCTION AND ENDOCRINE GLANDS UNIT 7: CARBOHYDRATE METABOLISM UNIT 8: LIPID METABOLISM UNIT 9: PROTEIN METABOLISM UNIT 10: ENZYME  HISTOLOGICAL SLIDE IDENTIFICATION  QUALITATIVE TES FOR CARBOHYDRATE SAMPLES	D.S D.S D.S  D.S D.S D.S  D.S  D.S D.S D.S
	CC3/GE3 P			
IV	CC4/GE4 TH	(GENETICS AND EVOLUTIONARY BIOLOGY)	UNIT 1: MENDELIAN GENETICS UNIT 2: LINKAGE CROSSING OVER UNIT 3: MUTATION UNIT 4: SEX DETERMINATION UNIT 5: ORIGIN OF LIFE UNIT 6: EVOLUTIONARY THEORIES: UNIT 7: PROCESS OF EVOLUTIONARY CHANGES UNIT 8: SPECIATION:	D.S  D.S D.S D.S D.S D.S  D.S D.S
	CC4/GE4 P:		CHI SQUARE KARYOTYPE PHYLOGENY IDENTIFICATION FIELD TRIP TO INDIAN MUSEUM	D.S D.S D.S D.S D.S
	SEC B2 TH: (AQUARIUM FISH KEEPING )		UNIT 1: INTRODUCTION UNIT 2: BIOLOGY OF AQUARIUM FISHES	D.S D.S

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			UNIT 3: FOOD AND FEEDING	D.S
			UNIT 4: TRANSPORTATION	D.S
			UNIT 5: MAINTENANCE OF AQUARIUM	D.S
V	DSE-A1 (APPLIED ZOOLOGY)		UNIT 1: HOST PARASITE RELATIONSHIP	D.S
			UNIT 2: EPIDEMIOLOGY OF DISEASE	D.S
			UNIT 3: PARASITIC PROTOZOA	D.S
			UNIT 4: PARASITIC HELMINTHES	D.S
			UNIT 5: INSECT OF ECONOMIC IMPORTANCE	D.S
			UNIT 6: INSECT OF MEDICAL IMPORTANCE	D.S
			UNIT 7: ANIMAL HUSBANDRY	D.S
			UNIT 8: POULTRY FARMING	D.S
			UNIT 9: FISH TECHNOLOGY	D.S
	DSE A1 P		IDENTIFICATION	
			POULTRY FARM VISIT	D.S
	SEC A3: SERICULTURE		UNIT 1: SERICULTURE INTRODUCTION	D.S
			UNIT 2: BIOLOGY OF SILKWORM	D.S
			UNIT 3: REARING OF SILKWORM	D.S
			UNIT 4: PEST AND DISEASE UNIT	D.S
			UNIT 5: ENTREPRENEURSHIP IN SERICULTURE	D.S
VI	DSE B2 TH(ECOLOGY AND WILDLIFE BIOLOGY)		UNIT 1: INTRODUCTION TO ECOLOGY	D.S
			UNIT 2: POPULATION	D.S
			UNIT 3: COMMUNITY	D.S
			UNIT 4: ECOSYSTEM	D.S
			UNIT 5: WILDLIFE	D.S

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