



গড়গাঁও মহাবিদ্যালয় GARGAON COLLEGE

NAAC accredited with 'B' Grade



Course Distribution
Department of Zoology
2020-21

DEPARTMENT OF ZOOLOGY, GARGAON COLLEGE, SESSION 2020-2021**Course distribution of the syllabus****Odd Semester (1st, 3rd, and 5th)**

1st Semester				
Faculty	Core course I	Core course II	Generic I	
Dr.Rina Handique	Unit 1: Protista, Parazoa and Metazoa Unit 5: Platyhelminthes	Unit 1: Introduction to Ecology Unit3: Community		
Pimily Langthasa	Unit 2: Porifera Unit 3: Cnidaria		Unit 1. Protista Unit 2. Porifera Unit 3. Radiata Unit 4. Aceolomates	
3rd Semester				
	Core course V	Core Course VI	Core Course VII	Generic III
Dr. Rina Handique	Unit 1: Introduction to Chordates Unit2: Protochordata Unit 3: Origin of Chordata Unit 5: Pisces	Unit 6: Endocrine System		Unit 2: Functioning of Excitable Tissue (Nerve and Muscle)
Pimily Langthasa	Unit10: Zoogeography	Unit 1: Tissues Unit 2: Bone and Cartilage; Unit 3: Nervous System Unit 4: Muscle Unit 5: Reproductive System	Unit 3: Proteins Unit 4: Nucleic Acids	Unit 4: Renal Physiology Unit 6: Endocrine and Reproductive Physiology
5th Semester (Non-CBCS)				
	501 (Genetics and Evolution)	502 (Animal Physiology)	505 (Environmental and Biology and Wildlife)	507 (Endocrinology)
Dr.Rina Handique	Unit 4 Unit 5	Unit 4	Unit 5	Unit 1 Unit 3
Pimily Langthasa	Unit 1 Unit 2	Unit 1 Unit 3; Unit 5	Unit 4	Unit 1 Unit 4


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DEPARTMENT OF ZOOLOGY, GARGAON COLLEGE, SESSION 2020-2021**Course distribution of the syllabus****EVEN SEMESTER (2nd, 4th and 6th)**

2nd Semester (CBCS)				
	Core course III		Core course IV	Generic II
Dr. Rina Handique	Unit 1: Introduction to Coelomates			Unit 1: Unit II: Unit III: Unit IV:
Pimily Langthasa			Unit 1: Overview of Cells Unit 2: Plasma Membrane Unit 3: Endomembrane System Unit 4: Mitochondria and Peroxisomes Unit 5: Cytoskeleton Unit 6: Nucleus Unit 7: Cell Division Unit 8: Cell Signaling	
Dr. Rashmi Dutta	Unit 2: Annelida Unit 3: Arthropoda Unit 4: Onychophora Unit 5: Mollusca Unit 6: Echinodermata			Unit IV: Unit V: Unit VI:
4th Semester (CBCS)				
	Core course VIII	Core Course IX	Core Course X	Generic IV
Dr. Rina Handique	Unit I: Integumentary System	Unit 5: Physiology of Heart		
Pimily Langthasa		Unit 1: Physiology of Digestion Unit 2: Physiology of Respiration Unit 3: Renal Physiology	Unit 4: Protein Metabolism Unit 5: Oxidative Phosphorylation	Unit 1: Introduction Unit II Climate Change Unit III Pollution
Dr. Rashmi Dutta	Unit 2: Skeletal System Unit 3: Digestive System Unit 4: Respiratory System Unit 5: Circulatory System Unit 6: Urinogenital System Unit 7: Nervous System	Unit 1: Physiology of Digestion Unit 4: Blood	Unit 1: Overview of Metabolism Unit 2: Carbohydrate Metabolism Unit 3: Lipid Metabolism	Unit IV Waste Management Technologies Unit 5 Diseases

	Unit 8: Sense Organs			
VI Semester (NON-CBCS)				
	601 (Parasitology and Ethology)	603 (Molecular Biology and Immunology)	604 (Biotechnology and Bio-informatics)	606 (Economic Zoology)
Dr. Rina Handique	Unit 1: Introduction			Unit 1 Major Insect Pests
PimilyLangthasa	Unit 4: Introduction to animal behaviour, Unit 5: Orientation and communication	Unit 1, 2,3,4,5.	Unit 1: Introduction	Unit 5 Piggery
Dr. Rashmi Dutta	Unit 2: General organizations and pathogenosity of bacteria & viruses Unit 3: Vectors of human diseases,	Unit 4: Immunity and its types Unit 5: Immuno-system	Unit 3: Regulation of biotechnology Unit 4: Fundamentals of bioinformatics Unit 5: Database search and sequence alignment	Unit 1: Unit 2: Silk Worm Unit 3: Honey Bee Unit 4: Aquaculture Unit 5: Piggery:

Dr. Rina Handique
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