



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 (1<sup>st</sup>, 3<sup>rd</sup>, and 5<sup>th</sup>)**

<b>1<sup>st</sup> Semester</b>				
<b>Faculty</b>	<b>Core course I</b>	<b>Core course II</b>	<b>Generic I</b>	
<b>Dr.Rina Handique</b>	Unit 1: Protista, Parazoa and Metazoa Unit 5: Platyhelminthes	Unit 1: Introduction to Ecology Unit3: Community		
<b>Pimily Langthasa</b>	Unit 2: Porifera Unit 3: Cnidaria		Unit 1. Protista Unit 2. Porifera Unit 3. Radiata Unit 4. Aceolomates	
<b>3<sup>rd</sup> Semester</b>				
	<b>Core course V</b>	<b>Core Course VI</b>	<b>Core Course VII</b>	<b>Generic III</b>
<b>Dr. Rina Handique</b>	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)
<b>Pimily Langthasa</b>	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
<b>5<sup>th</sup> Semester (Non-CBCS)</b>				
	501 (Genetics and Evolution)	502 (Animal Physiology)	505(Environmental and Biology and Wildlife)	507 (Endocrinology)
<b>Dr.Rina Handique</b>	Unit 4 Unit 5	Unit 4	Unit 5	Unit 1 Unit 3
<b>Pimily Langthasa</b>	Unit 1 Unit 2	Unit 1 Unit 3; Unit 5	Unit 4	Unit 1 Unit 4

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**EVEN SEMESTER (2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup>)**

<b>2<sup>nd</sup> Semester (CBCS)</b>				
	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:
<b>4<sup>th</sup> Semester (CBCS)</b>				
	Core course VIII	Core Course IX	Core Course X	Generic IV
Dr. Rina Handique	Unit 1: 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			
<b>VI Semester (NON-CBCS)</b>				
	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 Unit 3: Worm Unit 3: Honey Bee Unit 4: Aquaculture Unit 5: Piggery:

  
 Department of Zoology  
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 Simlughuri