



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

ICT REPORT 2022-23

Department of Zoology
Gargaon College
Simaluguri, Sivasagar

Name of the Faculty

Dr. Rina Handique, Associate Professor, Department of Zoology

The ICT class within the B. Sc. Zoology program for odd and even semesters at Gargaon College is a fundamental component designed to equip students with essential ICT skills and knowledge. The course integrates information technology concepts with the study of zoology, aiming to produce graduates who are well-rounded and technologically competent.

Course Outline

- Many specific aspects of ICT that are tailored to better understanding the Zoology program of odd & even semester students.

Teaching Methodologies

- The teaching methods used in the course, such as lectures, labs, practical sessions, and any technology tools and software's are employed.

Student Engagement

- Participation in class discussions.
- Involvement in hands-on ICT labs and projects.
- Collaboration on group projects or assignments related to zoological research and ICT integration.

Assessment and Evaluation

- Grading system and assessment methods (e.g., exams, presentations, assignments and projects).
- Evaluations are conducted periodically.

Feedback and Improvement

- Feedback mechanisms are employed to gather student input on the course. The areas for improvement are identified through this feedback.



Photographs of the ICT class



List of ICT classes

Date & Time	Semester	Title of the Topic	Tools Used
26.10.2022 11:00 AM	5th	Composite Fish Culture	ICT
26.10.2022 10:00 AM	1st	Evolution of symmetry & segmentation of Metazoa	ICT
28.10.2022 11:00 PM	3rd	General Characteristics of Chondrichthyes and Osteichthyes	ICT
10.11.2022 10:00 AM	5th	Swim bladder in Fish	ICT
11.11.2022 12:00 PM	5th	Brood Stock Management	ICT
11.11.2022 11:00 AM	3rd	Osmoregulation in Fish	ICT
11.11.2022 12:00 AM	5th	Fish Diseases	ICT

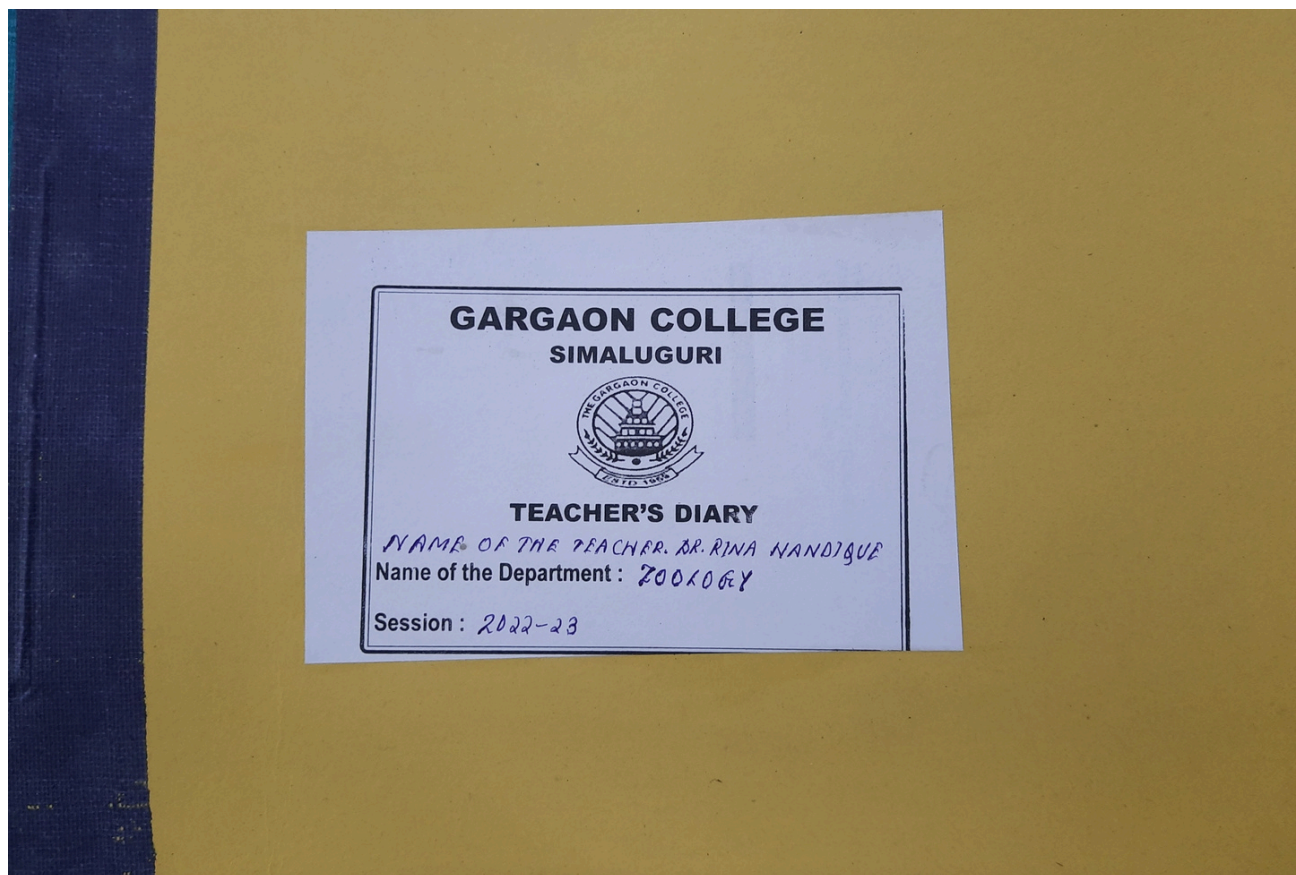


Photograph of student's attendance register

ICT CLASS ON	
Topic: Composite Fish Culture	
Semester: B. Sc 5th Semester	
Teacher: Dr. Rina Hardique	
Designation: Associate Professor	
Date: 26.10.22 Time: 11:00 AM.	
Name	Signature
1 Ankur Gogoi	Ankur Gogoi
2 Mousum Mohan	Mousum
3 Nituraj Phukon	NP
4 Ratul Borah	Ratul Borah
5 Aparajita Baruah	AB
6 Anadhana Borah	Anadhana Borah
7 Diprikha Borah	Diprikha Borah
8 Jyotika Buragohain	Buragohain
9 Jyotishmoli Phukon	Jyotishmoli Phukon
10 Liza Mohan	L. Mohan
11 Luna Seoni	Luna Seoni
12 Meetai Buragohain	MB
13 Murchana Anandhara	Murchana Anandhara
14 Namita Gogoi	N. Gogoi
15 Payal Ghosh	P. Ghosh



Photographs of teachers diary



Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
26.10.22	5TH	Composite Fish Culture	ICT	Offline	
26.10.22	1ST	Evolution of Symmetry and seg- mentation of metazoa	ICT	Offline	
28.10.22	8TH	General Characteristics of Chondrichthyes and Osteichthyes	ICT	Offline	
29.10.22	1ST	Structural Organization of Fungi		Offline	
10.11.22	5TH	Swim bladder in fish	ICT	Offline	
11.11.22	5TH	Brood Stock management	ICT	Offline	
12.11.22	5TH	Management of fish hatcheries			
12.11.22	7TH	OSMOREGULATION IN FISH	ICT	Offline	
15.11.22	5TH	Pen and Cage culture		Offline	
15.11.22	5TH	Preparation of Compound diets			
17.11.22	5TH	Fish Diseases	ICT	Offline	

Name of the Faculty

**Pimily Langthasa Assistant Professor Department of Zoology
Gargaon College**

TOOLS USED

(a) PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

(b) Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

(c) Lectures/Talk- Students are counselled with the help of Zoom / Google meet applications.

(d) Video lecture - Recording of video lectures is made available to students for long term learning and future referencing.

(e) Competitions- Various technical events and management events Project presentations, paper presentations etc. are being organized with the help of various Information Communication Tools.

ICT CLASS RECORD

ODD SEMESTER, 2022

Name of the teacher	Semester	Topic	Date
Dr. Pimily Langthasa	5 th semester	Salient feature of DNA & RNA	23/08/2022
	5 th semester	Watson & Crick model of DNA	25/08/2022
	5 th semester	Types & forms of DNA	26/08/2022
	3 rd semester	Epithelial tissue & its types	26/08/2022
	3 rd semester	Muscular tissue & its types	30/08/2022
	1 st semester	Canal system & its types	30/08/2022
	5 th semester	Mutation & its types	31/08/2022
	1 st semester	Leucon & Rhagon type of canal system	31/08/2022
	5 th semester	Translation	02/09/2022
	5 th semester	Translation in prokaryotes	02/09/2022
	3 rd semester	Skeletal muscles	02/09/2022
	5 th semester	Translation in eukaryotes	03/09/2022
	3 rd semester	Nucleic acids	03/09/2022
	1 st semester	Coral reefs	06/09/2022
	3 rd semester	DNA & RNA	06/09/2022
	5 th semester	Transcription	06/09/2022
	5 th semester	Transcription in prokaryotes	06/09/2022
	1 st semester	Metagenesis	08/09/2022
	3 rd semester	Molecular & chemical basis of muscle contraction	08/09/2022
	5 th semester	Transcription apparatus	08/09/2022
		Lac operon	09/09/2022
	3 rd semester	Muscle twitch	09/09/2022
	5 th semester	Tryptophan operon	12/09/2022
	3 rd semester	Structure of neuron	14/09/2022
	5 th semester	DNA replication in prokaryotes	14/09/2022
	5 th semester	DNA replication in prokaryotes	16/09/2022
	3 rd semester	Resting membrane potential & Action potential origin	16/09/2022
	5 th semester	Mechanism of DNA replication	16/09/2022
	5 th semester	Semiconservative replication	19/09/2022
	3 rd semester	Propagation of nerve impulse through myelinated nerve fibre	19/09/2022
	5 th semester	Bidirectional & semi-discontinuous replication	20/09/2022
	5 th semester	Circular mode of replication	22/09/2022
	5 th semester	Transcription factor	22/09/2022
	5 th semester	Ribosome structure	23/09/2022
	5 th semester	Ribosome structure & assembly	24/09/2022
	3 rd semester	Ossification & its types	24/09/2022
	5 th semester	Enzymes & proteins involve in protein synthesis	24/09/2022
	5 th semester	Inhibitors of protein synthesis	26/09/2022
	5 th semester	Different between prokaryotic & eukaryotic translation	26/09/2022
	5 th semester	Translation in prokaryotes	27/09/2022



5 th semester	Structure of globin mRNA & concept of exon & introns	29/09/2022
5 th semester	Concept of exon & introns	30/09/2022
5 th semester	Transcription factor & transcription unit	06/10/2022
3 rd semester	Signal transduction for steroidal & non steroidal hormones	10/10/2022
5 th semester	Exon suffling	11/10/2022
5 th semester	Mechanism of replication	12/10/2022
5 th semester	Tryptophan operon	13/10/2022
3 rd semester	Mechanism of urine formation	13/10/2022
5 th semester	RNA polymerase & transcription unit	14/10/2022
5 th semester	Pyrimidine dimerisation & repair mechanism	14/10/2022
5 th semester	Salient feature of DNA & RNA (Revision)	17/10/2022
5 th semester	Pyrimidine dimerisation	19/10/2022
5 th semester	Replication in prokaryotes & eukaryote (Revision)	20/10/2022
5 th semester	Transcription in prokaryotes & eukaryotes	22/10/2022
5 th semester	Transcription regulation in prokaryotes	25/10/2022
5 th semester	Transcriptional & Regulation	26/10/2022
5 th semester	Transcriptional regulation lac operon	27/10/2022
5 th semester	Semiconservative replication	28/10/2022
5 th semester	Transcription regulation in prokaryotes	09/11/2022
5 th semester	RNA editing	16/11/2022
3 rd semester	Base pairing	16/11/2022
5 th semester	Splicing mechanism	17/11/2022
5 th semester	Exon suffling	17/11/2022
5 th semester	RNA editing	18/11/2022
3 rd semester	Splicing mechanism(alternative splicing)	18/11/2022
5 th semester	Processing of tRNA	15/11/2022
5 th semester	Sex determination in drosophila	23/11/2022



Department of Zoology
GARGAON COLLEGE
Simaluguri



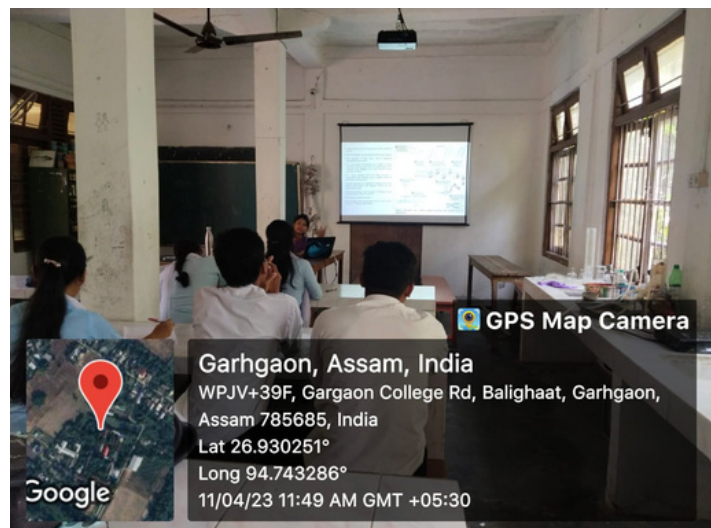
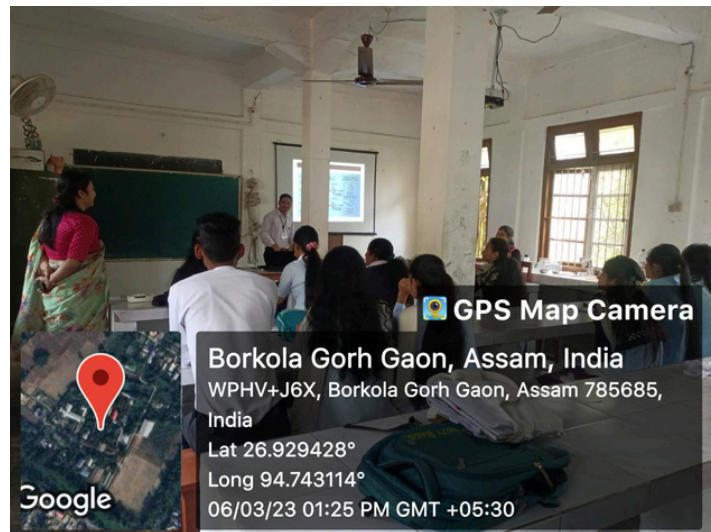
EVEN SEMESTER, 2023

Name of the Teacher	Semester	Topic	Date
Dr. Pimily Langthasa	2 nd semester	Prokaryotic cell structure	08/02/2023
	6 th semester	Cell- cell interaction	08/02/2023
	6 th semester	Cell-cell interaction	13/02/2023
	6 th semester	Types of egg	23/02/2023
	6 th semester	Catabolism of amino acid	23/03/2023
	6 th semester	Egg membranes	25/02/2023
	4 th semester	Transamination	25/02/2023
	6 th semester	Planes of cleavage	02/03/2023
	2 nd semester	Cell membrane- models of plasma membrane	02/03/2023
	6 th semester	Introduction to extra embryonic membrane	15/03/2023
	2 nd semester	Electron transport chain	04/04/2023
		Electron transport chain	05/04/2023
	4 th semester	Urea cycle	05/04/2023
	4 th semester	Fate of C-skeleton	06/04/2023
	4 th semester	Peroxisomes & Structure & functions of microtubules & outer mediate filaments	06/04/2023
	4 th semester	Fate of C-Skeleton of glycogenic & ketogenic amino acid	08/04/2023
	4 th semester	Structure of nucleus	08/04/2023
	4 th semester	Fate of C- skeleton	10/04/2023
	2 nd semester	Packaging of DNA	11/04/2023

OVERALL STATISTICS OF ICT CLASS

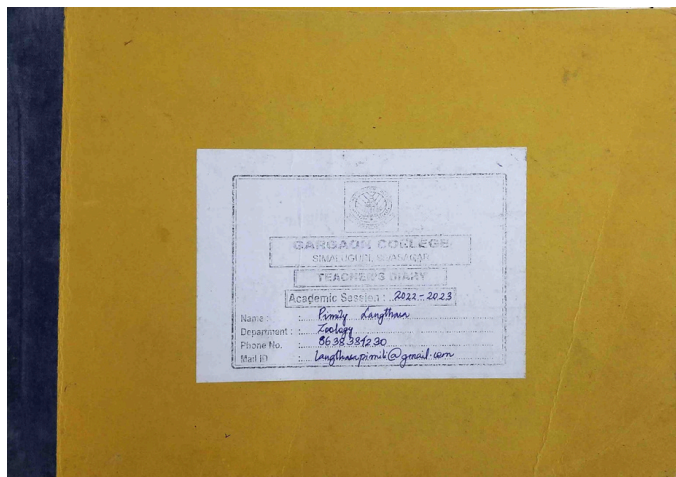
Name of the Teacher	Semester	Total ICT Class	Signature of HoD
Dr. Pimily Langthasa	1 st	04	 Department of Zoology GARGAON COLLEGE Simaluguri
	2 nd	04	
	3 rd	15	
	4 th	07	
	5 th	47	
	6 th	07	

GEO-TAGGED PHOTOGRAPH





SAMPLE OF TEACHER'S DIARY



Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
23/9/22		Sunday			
24/9/22	5 th Sem (H)	Inhibitors of protein synthesis	TLM & ICT	Offline	
	3 rd Sem (H)	Introduction of Amino acids	TLM	"	
	3 rd Sem (H)	Practical		"	
	5 th Sem (H)	Difference bet ⁿ prokaryotic and eukaryotic translation	ICT	"	
27/9/22	3 rd Sem (H)	Classification of amino acids	TLM	"	
	5 th Sem (H)	Translation in prokaryotes (Revision)	TLM & ICT	"	Tutorial
	5 th Sem (H)	Practical	TLM	"	
	3 rd Sem (H)	Practical	"	"	
28/9/22		Gargaon College Student's Union Election, 2022-2023			
29/9/22	5 th Sem (H)	Structure of glucose molecule and concept of eno ⁿ & inhibi ⁿ	TLM & ICT	Offline	

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
23/10/22		Sunday			
24/10/22		Divali Holiday			
25/10/22	5 th Sem (H)	Transcription regulation in prokaryotes	ICT	Offline	
	3 rd Sem (H)	Introduction to proteins	TLM	"	
	5 th Sem (H)	Practical & Theory	"	"	
27/10/22	5 th Sem (H)	Principles of transcriptional regulation	ICT	"	
	3 rd Sem (H)	Difference bet ⁿ RNA & DNA	TLM/ICT	"	
	3 rd Sem (H)	Practical	"	"	
	5 th Sem (H)	Practical and Polymorphism	"	"	Tutorial
27/10/22	5 th Sem (H)	Principles of transcriptional regulation & lac operon	ICT	"	
	3 rd Sem (H)	Organization of proteins	TLM	"	
	3 rd Sem (H)	Practical	"	"	
	3 rd Sem (H)	Practical	"	"	

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
18/10/22		Kati Bihu Holiday			
19/10/22	5 th Sem (H)	Pyrimidine dimerization	ICT	Offline	
	1 st Sem (H)	Revision on canal system	TLM	"	Tutorial
	3 rd Sem (H)	Mechanism of muscle contraction	TLM	"	
	1 st Sem (H)	Life cycle of Taenia solium	TLM	"	
20/10/22	5 th Sem (H)	Replication in prokaryotes and eukaryotes (Revision)	ICT	"	Tutorial
	3 rd Sem (H)	Neuromuscular junction	TLM	"	
	1 st Sem (H)	General characteristics of Helminths	"	"	
21/10/22		Debate Competition Tannu Khatun Memorial			
22/10/22	5 th Sem (H)	Transcription in prokaryotes and Eukaryotes (Revision)	ICT	"	Tutorial
	3 rd Sem (H)	Histology of & reproductive system	TLM	"	
	1 st Sem (H)	Parasite adaptations	TLM	"	

VIDEO'S LINK

1. <https://youtu.be/LYZsNgRKLk8?si=ivfOTGj4j9jVTQ4>
2. https://youtu.be/86OpoUzAKXM?si=b-Y8y_qvdVmIpHZu



Name of the Faculty

Dr. Rashmi Dutta, Assistant Professor, Department of Zoology

DETAILS OF ICT CLASS RECORD

Sl. No.	Time	Semester	Topic	Date
1	9-10 AM Wednesday	1 st	Metamerism and Types of metamerism	24.08.22
2	10-11 AM Thursday	1 st	Abiotic factors	25.08.22
3	2-3 PM Saturday	1 st	Abiotic factors	27.08.22
4	9-10 AM Thursday	3 rd	Digestion and absorption of protein	01.09.22
5	10-11 AM Saturday	5 th	Metamorphosis and hormonal control of metamorphosis	03.09.22
6	9-10 AM Tuesday	1 st	Exponential and logistic growth	06.09.22
7	9-10 AM Friday	3 rd	Origin and evolution of Tetrapoda	09.09.22
8	3-4 PM Wednesday	3 rd	Parental care in Amphibia	14.09.22
9	9-10 AM Friday	3 rd	Parental care in Amphibia	16.09.22
10	2-3 PM Monday	5 th	Structure of insect head	19.09.22
11	9-10 AM Wednesday	1 st	Functional and numerical response and community characters	21.09.22
12	10-11 AM Wednesday	3 rd	Migration in fishes	21.09.22
13	11-12 AM Thursday	5 th	Molecular basis of crossing over	22.09.22
14	10-11 AM Friday	1 st	Characteristics of Community	23.09.22
15	12-1 PM Tuesday	3 rd	Poisonous apparatus and biting mechanism of snakes	27.09.22
16	11-12 AM Tuesday	1 st	Ecotone and Edge effect	27.09.22
17	9-10 AM Friday	3 rd	Classification of Aves up to orders	30.09.22
18	11-12 AM Thursday	5 th	Somatic cell hybridization	06.10.22
19	9-10 AM Thursday	1 st	Terrestrial adaptation of Reptilia	06.10.22
20	9-10 AM Friday	3 rd	Classification of Aves	07.10.22
21	1-2 PM Friday	3 rd	Bohr's effect	07.10.22



22	9-10AM Monday	3 rd	Archaeopteryx -a connecting link	10.10.22
23	3-4PM Monday	1 st	Structure and function of ecosystem	10.10.22
24	11-12AM Tuesday	1 st	Types of Ecosystems	11.10.22
25	12-1PM Wednesday	3 rd	Carbon monoxide poisoning	12.10.22
26	9-10AM Thursday	3 rd	Migration in birds	13.10.22
27	10-11AM Monday	5 th	Antibiotic resistance in Chlamydomonas	17.10.22
28	12-1PM Monday	5 th	Infective heredity in paramecium	17.10.22
29	10-11AM Saturday	5 th	Endocrine system of insects	22.10.22
30	9-10 AM Wednesday	1 st	Abiotic and biotic factors of ecosystem	26.10.22
31	10-11AM Thursday	1 st	Types of food -chain	27.10.22
32	9-10AM Tuesday	1 st	Food wave, linear and Y- shaped food chain	01.11.22
33	9-10AM Thursday	3 rd	Michaelis – Menten equation for enzyme kinetics, Lineweaver -Burk	03.11.22
34	9-10AM Friday	1 st	Energy flow through ecosystem	04.11.22
35	9-10AM Monday	3 rd	Plate tectonic and Continental theory	07.11.22
36	9-10AM Monday	1 st	Concept of wildlife conservation	09.11.22
37	9-10AM Thursday	3 rd	Regulation of enzyme action	17.11.22
38	10-11AM Friday	5 th	Ac, Ds elements in maize, P elements in Drosophila, Transposons in human	18.11.22
39	10-11AM Monday	5 th	Types of legs adapted to diverse habitat	21.11.22
40	11-12 AM Wednesday	5 th	Sensory receptors and nervous	23.11.22



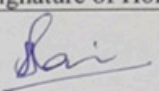
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Overall Statistics of ICT Class



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GARGAON COLLEGE
NAAC accredited with 'B' Grade

Overall Statistics of ICT Class

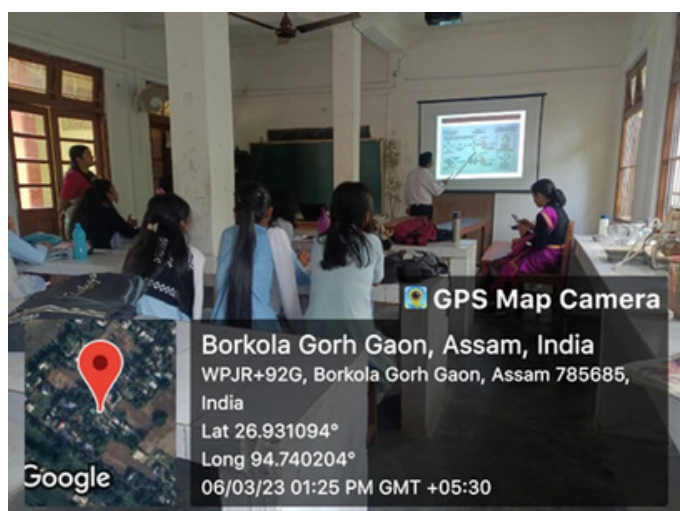
Semester	Total Class Load	Total ICT Class	Signature of HoD
1 st	15 (Per week)	2 (per week)	
3 rd	20 (Per week)	3 (per week)	
5 th	20 (Per week)	3 (per week)	





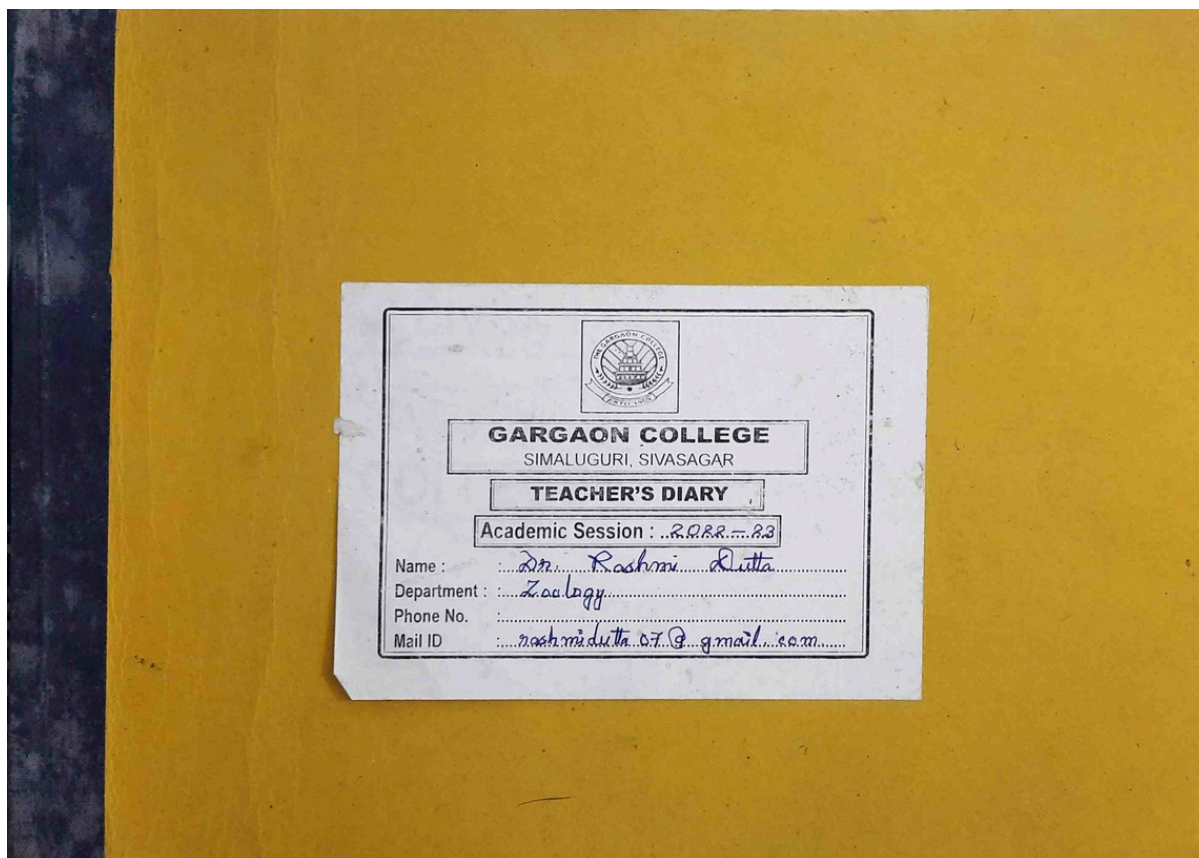
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Photographs of the Class:





Sample of Teachers Diary



Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
24.03.22	3rd Sem (GE)	Practical	TLN	Offline	
	2nd Sem (H)	Advanced characters of Chordates	TLN	"	
	5th Sem (H)	Laws of Independent Assortment	"	"	
25.03.22	1st Sem (GE)	Abiotic Factors	TLN and ICT	"	
	2nd Sem (H)	characteristics of Craniata, Scarniata.	TLN	Offline	
	2nd Sem (GE)	Accessory Digestive Glands.	TLN	"	
	5th Sem (H)	Laws of Independent assortment Punnett's square method for 3 & 4 types of traits	"	"	
	5th Sem (H)	"	"	"	
26.03.22	1st Sem (H)	Practical Ecology - Quadrant method.	"	"	
	1st Sem (GE)	Practical. Identification of Non-chordates	"	"	
	2nd Sem (H)	General Chordates & Hemichordata -	TLN	"	
	2nd Sem (GE)	Accessory digestive glands.	"	Offline	
	5th Sem (H)	General features of Insects	"	"	



Sample of Teachers Diary

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online
11.10.22	3rd Sem (H)	Principles and aerodynamics of flight	TLH	Offline
	5th Sem (H)	Integumentary System of Insects	"	"
	3rd Sem (GE)	'Haldane effect'	"	"
	1st Sem (H)	Types of Ecosystem	ICT	"
12.10.22	3rd Sem (H)	Flight Adaptations of Aves	"	"
	3rd Sem (H)	Practical	"	"
	5th Sem (H)	Structure of Head of Insects	"	"
	1st Sem (H)	Food chain and its Types	"	"
	3rd Sem (GE)	Carbon Monoxide Poisoning	ICT	"
13.10.22	3rd Sem (H)	Migration in Birds	ICT	"
	5th Sem (H)	Structure of Head of Insects	"	"
	3rd Sem (H)	Practical	"	"
	5th Sem (H)	Practical	"	"

3. (B) Date wise Brief Record of Classes :

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Re
9.11.22	3rd Sem (H)	Distribution of vertebrates in different niches	TLH	Offline	
	1st Sem (H)	Concept of Wildlife conservation	ICT	"	
	5th Sem (H)	Complementation test in Bacteriophage	TLH	"	
	5th Sem (H)	Practical (Biology of Insects)	"	"	
18.11.22		Internal Assessment (1st Sessional Examination)			
19.11.22		"			
15.11.22		"			
15.11.22		"			
17.11.22	1st Sem (H)	Wildlife Management Strategies	TLH	Offline	
	3rd Sem (H)	Regulation of Enzyme action	ICT		
	5th Sem	Transposable elements	"	"	
18.11.22	3rd Sem (H)	Col Curve	"	"	
	5th Sem (H)	Ac-Do Elements in Mice, P elements in Drosophila, Transposons in human	ICT	"	
	5th Sem	Practicals	"	"	



Video Links


- <https://drive.google.com/file/d/15ajwNRf81TYjwAB4sw4ph4VoYAu7L1-F/view?usp=sharing>
- https://drive.google.com/file/d/1_tR_8usZUq_g8pFyrfBlPR-r0AWb1wtl/view?usp=sharing
- <https://drive.google.com/file/d/1bh9q58yPnlt820CeqC837ADfbiDw286o/view?usp=sharing>
- https://drive.google.com/file/d/1PqZiZ_KL39PDBO6EIh_cKU_3hVmih0u/view?usp=sharing
- <https://drive.google.com/file/d/1fpYciAr7BYzMGcKn1Ri5YB84g2tFd3V/view?usp=sharing>
- <https://drive.google.com/file/d/1N4vMawEGif69CDLTZ3VUatUTNiH5dYvh/view?usp=sharing>
- <https://drive.google.com/file/d/1zUfoCQtGftu141kLLpioCRYQ6R5ZDlgy/view?usp=sharing>



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Sample of Register:

Class : 1st Semester (M) Day : Thursday ; Time : 10-11 AM Date : 25.08.23		Class : 2nd Semester Time : 9-10 AM, Day : Friday Date : 08.09.2022	
Topic : Abiotic factors		Topic : Origin and Evolution of Tetrapoda	
Name	Signature	Name	Signature
1. Mintu Buragohain	Mintu Buragohain	1. Pooja Singh	Pooja Singh
2. Conchachon Baidung	Conchachon Baidung	2. Sagana Sonowal	Sagana Sonowal
3. Rajdeep Buragohain	Rajdeep	3. Madhusmita Chakrabarti	Madhusmita
4. Pabitra Kumar	Pabitra Kumar	4. Esha Meek	Esha Meek
5. Hatik Raj Gogoi	Hatik Raj	5. Kashmira Konwar	Kashmira
6. Gitalakree Jarmali	Gitalakree Jarmali	6. Pallabi Chutia	Pallabi Chutia
7. Anamika Gogoi	A. Gogoi	7. Ankita Mout	Ankita
8. Lucky Rajkumari	Lucky Rajkumari	8. Tulika Chetia	Tulika Chetia
9. Anneksha Patok	Anneksha Patok	9. Ankita Hazarika	Ankita Hazarika
10. Ananya Konwar	Ananya Konwar	10. Rosmini Borgohain	Rosmini
11. Muskan Rahman	Muskan Rahman	11. Pinki Boruah	Pinki
12. Luna Boruah	Luna Boruah	12. Nikita Phukan	Nikita
13. Shikha Chutia	Shikha Chutia	13. Chanyani Puya Boruah	Chanyani
14. Elmon Baidung	Elmon Baidung		
15. Sudeshya Marika	Sudeshya Marika		
16. Manasi Subba	Manasi Subba		
17. Gaganjali Teli	Gaganjali Teli		
18. Gayatri Arandharin	Gayatri Arandharin		


Department of Zoology
GARGAON COLLEGE
Simaluguri
Head
Department of Zoology
Gargaon College
Simaluguri, Sivasagar

Name of the Faculty

Dr. Anurag Protim Das, Assistant Professor, Department of Zoology

This report aims to provide an overview and evaluation of the Information and Communication Technology (ICT) class within the B. Sc. Zoology program at Gargaon College, affiliated with Dibrugarh University. The report covers the teaching methodologies, student engagement, assessment methods, and areas for improvement.

Introduction

The ICT class within the B. Sc. Zoology program for 2nd, 4th and 6th semester at Gargaon College is a fundamental component designed to equip students with essential ICT skills and

knowledge. The course integrates information technology concepts with the study of zoology,

aiming to produce graduates who are well-rounded and technologically competent.

Course Outline:

☒ Many specific aspects of ICT that are tailored to better understanding the Zoology program of all semester students.

Teaching Methodologies:

☒ The teaching methods used in the course, such as lectures, labs, practical sessions, and any technology tools and software are employed.

Student Engagement:

☒ Participation in class discussions.

☒ Involvement in hands-on ICT labs and projects.

☒ Collaboration on group projects or assignments related to zoological research and ICT integration.

Assessment and Evaluation:

☒ Grading system and assessment methods (e.g., exams, presentations, assignments and projects).

☒ Evaluations are conducted periodically.

Feedback and Improvement:

☒ Feedback mechanisms are employed to gather student input on the course. The areas for improvement are identified through this feedback.

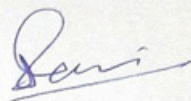
Date & Time	Semester	Title of the Topic	Tools Used
29.09.2022 12:00 PM	5th	Stereotyped behaviors; Orientation & Reflexes	ICT
30.09.2022 11:00 AM	1st	Life Cycle & Pathogenicity of <i>Plasmodium vivax</i>	ICT
30.09.2022 12:00 PM	3rd	Synaptic Transmission & Neuromuscular Junction	ICT
08.10.2022 11:00 AM	1st	Evolution of Symmetry & Segmentation of Metazoa	ICT
10.10.2022 12:00 PM	5th	Sexual Behavior; Sexual Dimorphism & Mate Choice	ICT
10.10.2022 12:00 PM	3rd	Structure of Muscle & Mechanism of Muscle Contraction	ICT
02.11.2022 10:00 AM	1st	Coral & Coral Reef Formation	ICT
03.11.2022 11:00 AM	3rd	Placental Hormones & its Functions	ICT
10.11.2022 12:00 PM	5th	Role of Allelochemicals in Plant Mediation	ICT
15.02.2023 12:00 PM	4th	Digestive Glands & their Secretions	ICT
16.02.2023 12:00 PM	2nd	General Characters & Respiration in Mollusca	ICT
17.02.2023 10:00 AM	6th	Preparation & Maintenance of Fish Aquarium	ICT
06.03.2023 01:00 PM	2nd	Water Vascular system in Echinodermata	ICT
13.03.2023 12:00 PM	4th	Catabolic & Anabolic Process; Significance of Compartmentalization	ICT
14.03.2023 10:00 AM	6th	Electric Organs in Fish; Bioluminescence in Fish	ICT
22.03.2023 12:00 PM	2nd (Gen)	Vector Born Diseases	ICT
03.04.2023 12:00 PM	6th	Transgenic Fish; Zebra Fish as a Model Organism in Research	ICT
05.04.2023 10:00 AM	4th	Urinogenital System; Succession of Kidneys	ICT



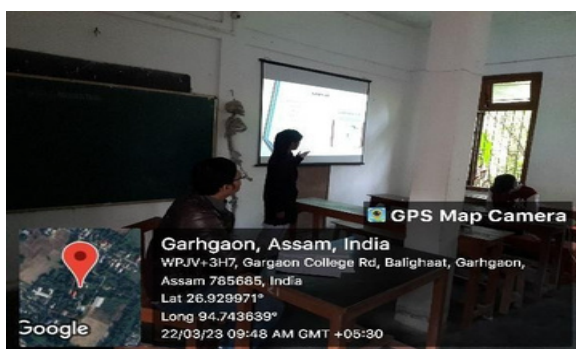
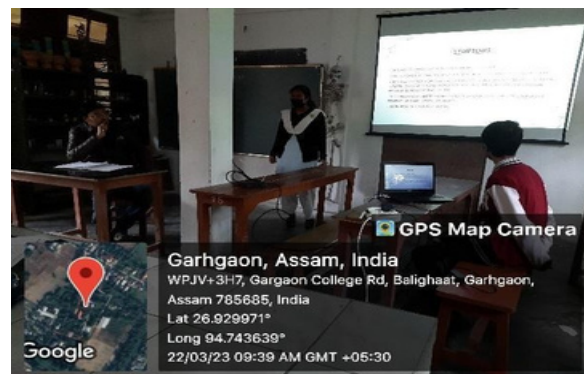
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GARGAON COLLEGE
NAAC accredited with 'B' Grade

Semester	Total Class Load	Total ICT Class	Signature of HOD
1 st	24	3	 Department of Zoology GARGAON COLLEGE Simaluguri.
2 nd	74	3	
3 rd	30	3	
4 th	49	3	
5 th	39	3	
6 th	41	3	

Photographs of the ICT class





Photograph of student's attendance register

TOPIC: VECTOR BORN DISEASES
SEMESTER: B.SC 2ND SEMESTER (GENERIC)
TEACHER: DR. ANURAG PRDYM DAS
DESIGNATION: ASSISTANT PROFESSOR
DATE: 22.03.2023 TIME: 12 PM
DEPARTMENT: ZOOLOGY

PCP CLASS ON: DATE: 22.03.2023

Name	Signature
1. Sri Rahul Gogoi	R. Gogoi
2. Subirjit Boruah	Subirjit
3. Bishamanda Gbashi	B. Gbashi
4. Purnamesh Dhingra	P. Dhingra
5. Pritisha Gogoi	P. Gogoi
6. Purnasha Chutia	P. Chutia
7. Anika Ahmed	A. Ahmed

TOPIC: STRUCTURE OF MUSCLE AND MECHANISM OF MUSCLE CONTRACTION
SEMESTER: B.SC 3RD SEMESTER
TEACHER: DR. ANURAG PRDYM DAS
DESIGNATION: ASSISTANT PROFESSOR
DEPARTMENT: ZOOLOGY
DATE: 10.10.2022 TIME: 12:00 PM

PCP CLASS ON

Name	Signature
1. Roshmi Borah	Roshmi
2. Sagarika Sonowal	Sagarika
3. Ritu Singh	Ritu
4. Nikita Phukan	Nikita
5. Charanjay Pradya Boruah	Charanjay
6. Bishu Chutia	Bishu
7. Anika Meit	Anika
8. Esha Meit	Esha Meit
9. Kashmira Komari	Kashmira
10. Madhumita Boruah	Madhumita Boruah
11. Subhalakshi Phukan	Subhalakshi P.
12. Pritishree Boruah	P. Boruah
13. Pritishree Boruah	P. Boruah
14. Pritishree Chutia	P. Chutia
15. Pumpy Phukan	P. Phukan
16. Jyoti Ch. Meit	Jyoti Ch. Meit
17. Pritishree Gogoi	Pritishree Gogoi

NAME

18. Deban Boruah

19. Anish Boruah

20. Abinash Gogoi

21. Anangkhya Boruah

SIGNATURE

Deban Boruah

Anish Boruah

Abinash Gogoi

Anangkhya Boruah

PCP CLASS ON

TOPIC: WATER VASCULAR SYSTEM IN ECHINODERMATA
TEACHER: DR. ANURAG PRDYM DAS
DESIGNATION: ASSISTANT PROFESSOR
DEPARTMENT: ZOOLOGY
SEMESTER: B.SC 2ND SEMESTER
DATE: 01.03.2023 TIME: 01:00 PM

Name	Signature
1. Anangkhya Boruah	Anangkhya Boruah
2. Bishu Chutia	Bishu
3. Pritishree Boruah	P. Boruah
4. Esha Meit	Esha Meit
5. Kashmira Komari	Kashmira
6. Sagarika Sonowal	Sagarika
7. Subhalakshi Phukan	Subhalakshi P.
8. Charanjay Pradya Boruah	Charanjay
9. Pritishree Chutia	P. Chutia
10. Roshmi Borah	Roshmi
11. Nikita Phukan	Nikita
12. Anika Meit	Anika
13. Madhumita Boruah	Madhumita Boruah
14. Pritishree Boruah	P. Boruah
15. Ritu Singh	Ritu



Photograph of teacher's dairy

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
14.03.23	6TH SEM	ELECTRIC ORGANS IN FISH; BIOELECTRICITY IN FISH		OFFLINE	
		BIOLUMINESCENCE IN FISH	ICT		
14.03.23	2ND SEM	PRINCIPLES OF CHORDATES AND ECHINODERMS		OFFLINE	
14.03.23	2ND SEM (GEN)	PHLEBOTOMUS FEVER; SYMPTOMS, CAUSAL ORGANISM AND CONTROL		OFFLINE	
14.03.23	4TH SEM (GEN)	ENVIRONMENTAL HAZARDS		OFFLINE	
15.03.23	6TH SEM	MECHANORECEPTION AND MECHANORECEPTION IN FISH		OFFLINE	
15.03.23	4TH SEM (GEN)	GLOBAL WARMING		OFFLINE	
15.03.23	4TH SEM (GEN)	AIR POLLUTION, WATER POLLUTION AND SOIL POLLUTION; DEFINITION, CAUSES, EFFECTS AND ITS CONTROL MEASURES		OFFLINE	

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
22.03.23	2ND SEM (GEN)	PLAGUE; CAUSAL ORGANISM, SYMPTOMS, TREATMENT AND CONTROL	ICT	OFFLINE	
22.03.23	2ND SEM (GEN)	SOLID WASTE MANAGEMENT; OVERVIEW; CAUSES/SOURCES; EFFECTS AND CONTROL		OFFLINE	
22.03.23		DEPARTMENTAL MEETING ON PUBLICATION OF DEPARTMENTAL MAGAZINE		OFFLINE	
23.03.23	6TH SEM	MIGRATION IN FISH		OFFLINE	
23.03.23	4TH SEM (GEN)	WASTE POLLUTION; SOURCES; EFFECTS AND CONTROL		OFFLINE	
23.03.23	4TH SEM (GEN)	SOLID WASTE MANAGEMENT; OVERVIEW; CAUSES/SOURCES; EFFECTS AND CONTROL		OFFLINE	

Concluding remarks

The effectiveness of the ICT class within the B. Sc. Zoology program at Gargaon College, emphasizing its role in preparing students for the intersection of ICT and Zoology. The notable strengths and areas for potential enhancement were identified.



Photograph of teacher's dairy

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
14.03.23	6TH SEM	ELECTRIC ORGANS IN FISH; BIOELECTRICITY IN FISH	ICT	OFFLINE	
14.03.23	2ND SEM	PRINCIPLES OF CHORDATES AND ECHINODERMS		OFFLINE	
14.03.23	2ND SEM (GEN)	PHLEBOTOMUS FEVER; SYMPTOMS, CAUSAL ORGANISM AND CONTROL		OFFLINE	
14.03.23	4TH SEM (GEN)	ENVIRONMENTAL HAZARDS		OFFLINE	
14.03.23	6TH SEM	MECHANORECEPTION AND MECHANORECEPTION IN FISH		OFFLINE	
15.03.23	4TH SEM (GEN)	GLOBAL WARMING		OFFLINE	
15.03.23	2ND SEM	AIR POLLUTION, WATER POLLUTION, AND SOIL POLLUTION; DEFINITION, CAUSES, EFFECTS AND ITS CONTROL MEASURES		OFFLINE	

Date	Class	Brief Description	Use of TLM/ICT	Mode Offline/online	Remarks
22.03.23	2ND SEM (GEN)	PLAGUE; CAUSAL ORGANISM, SYMPTOMS, TREATMENT AND CONTROL	ICT	OFFLINE	
22.03.23	2ND SEM (GEN)	SOLID WASTE MANAGEMENT; OVERVIEW; CAUSES/SOURCES; EFFECTS AND CONTROL		OFFLINE	
22.03.23		DEPARTMENTAL MEETING ON PUBLICATION OF DEPARTMENTAL MAGAZINE		OFFLINE	
23.03.23	6TH SEM	MIGRATION IN FISH		OFFLINE	
23.03.23	4TH SEM (GEN)	WASTE POLLUTION; SOURCES; EFFECTS AND CONTROL		OFFLINE	
23.03.23	2ND SEM	SOLID WASTE MANAGEMENT; OVERVIEW; CAUSES/SOURCES; EFFECTS AND CONTROL		OFFLINE	

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