

# Course Distribution among Faculty Members of Different Departments Sample Documents 2022-2023



# **DEPARTMENT OF ASSAMESE**

CBC	প প্রমানী হান্যার্গিনিক হাক্তভ-C-11				
	অস্মীয়া মদুক; Ass				
E118-	- প্রিক্তা	ঝেনী	নগুত	হ্নিগ্রমন্ত কর্মা	3/908
ভূমন্ট-১	ভাসমীয়া নাণ্ট্য ১৮ছিত্য: সার্গবিষ্ণু ইভিছাস	28	76	ক্তিত্ত মুক্ত	Constru
ভূপট-হ	পুৰণি অসমীহা নচ্চত কৰিক্সমিট হ্ৰপ (সাংকৰচেৰ)	20	26	हिंद्रेका। हर्एड्डिक	व्यक्ष रूप प्रिकेट
ভাগা ত	ভার্ত্তমিক প্রেস্মীরা নার্ট্তর(ক)	20	28	C - C - C - C - C - C - C - C - C - C -	·
5118, W	লাভবুঢ়া(পেখ্যমাথ লোফপ্নি ববক্রা)		37.0	रूट्रिक्या श्यह्नीय	
	खाक्टा (क्ष्णाक्ष्यम्पर कामकर्म प्रा			হেত্তিপ্ৰতি কৰা ভিষ্ণেত	3 40° 6
स्माद्ध ८	कार्यक्रिक जञ्मीया नार्टक्यो	26	28		CATAL ATO
78 W D	কুকুৰজৰ্ভীয়া সামুহ (ভাবন পৰ্মা) স্থানটো পভানটো (ফোন্তন ক্ৰেজ্জা)	26	28		Or W.
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ভোগভত	बार्युरीयम् वाड्यमीद्यर डार्विस्टाछ	22	22	के बद्धक ह	200
01.00	<b>अर्</b> ष्ट्रिक्षि ।				1 1 1 2
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ন্ত্ৰন্ট-হ	আইুত্তিত তাসন্তীয়া ভ্রম্ভাত	22	25	Opes Ros	Congression
	ভ্ৰমন্তিত্ৰৰ ক্লেডিক্টা				
	(তাৰুভাসহে প্ৰৰু হেমচল্ম-				100
	ज्ञनगढिंगम इसुन)				1
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ভাষত	ভোনাকী আৰু উত্তৰ ভোননি	8 24	20	श्क्षांच्या १५८३७	विश्व
	इन्डिंड अर्थिक (व्हितिकिर)				ें व्हिंग्रे
	ষ্ত্রী, আবাহন, জ্যুন্তী পর্যন্ত				
71783	Filey siney are Vivisiones			0 0 5 5 0 X 0 -	Chatter of
हार्च-8	नामद्यम मूलक कायमिश	52	25	एएउ डग्री	
	জাইত ঃ মাট্ড ছুনি আক্র বৈশিষ্ঠ		-	বনমিদ্যু ক্র	20
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<del>हम्हेर</del> ्ट	ভাষাৰ ভাষাৰ ক্ৰিপ্ৰমূহ	26	26	নিমন্তি চেতিয়	
2 1.0	<del>ত্রমহিত্রক পাস্টেচ্ছ।</del>		1		Storie
	(कविव, शनम्ब्र, जारा मिस		-		-
	डार्स्ड)	15000000	104340		b ·
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CBCS	তুতীয় স্থাপ্য	4			
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	ব্যব্যভ: c-5			(Brats-	ভিচেম্বৰ)
	হার্মন্ত্র সমগ্রেশন্ত্র				
EME	বিশ্ৰম্	ধ্যেনা	নমূত্র	हमध्यक क्या	ON DELICE.
	হুপতিত্ব সংজ্ঞা	28	26	सिर्गम र्रायुक्कीय	(त्रिक कर
૯જીતર	<u> ভাগহিত্য স্থেমির্গরিভাগে</u>	00	-		(c) Extra
9M6-2	उत्तरम्भाव प्राप्त केव श्वरण	No.	24	TOTAL STATE	
	अक्ष्यक्षित कार्यमेश्रेय द्वार	26	20	ক্রেফ্যু ব্রুফ্রিফ	Shall
	ट्रमुक बाद्यारामार क्रिक्ट				J. Jr.
SHIPPIE	(জিভিহসনিদ, গ্রিস্কোভনগন্মার, ছুন্সম্মার)	-for	18 10	Se 1975, Selle 1/4	Charles de Carrent
29755	ब्रायमि क्रमिनिद्धाः स्टेलिय				fu.
लाके ७	বিভিন্ন ভাপভিত্ত বলে (পুলম্ম) ত সন্তুল			(No. 1.20)	6001200
	জ্বৰ স্বৰ্প জি কিবিল, নগটক , এৱস্থানিৰ্ম)	20	22	Open Room	Stand ord
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	অস্প্রীহা ক্রন্তিব চ	(दिर्	कि	(क्रुवाहे-	-िट्युंड)
व्यक्	বিষয়	(BF)	নন্ত্ৰত	প্লিখকত লগ্য	প্রাম
<b>ভাগট</b> ঃ	অসমীকা ক্রবিতার সংগ্রন্থান্ত ইতিহাস	96	34	হ প্রস্থায়। ধর্মজ্ঞীখা	Elom
ভাপ্ট:হ		1			TE(22/~
	(শু) ভিনেক্তিস্থ (শু) নাগ্ৰেষ প্ৰসমিতা	<b>એ</b> -	>8	कथ्छं दैश्ल	Charales
ভালত	প্তেন্ত্র অসমীস্থা ক্রবিভা ভিসনিদে	b	20	ड क्येड्रेक एड	<u> </u>
<i>હા</i> જેક	প্রস্কলি অসমীহা কবিতা	28	1 20		
	क्र) अर्थवर् कमर्रात श्रामग्रन			966	C(2- C
	ক্তি বঙ্গীও (লংকপ্রতে) প্রে) নামভোমা	28	20	অক্সিক্স কিছিন্ত	El rue glass
	छ छे जा भरिना मं (मिनसुर किरी)				
<i>ভা</i> ল্ডিং ৫	ঞাৰ্বুমিক কানৰ জসমীহা কবিৰ				
2112	গ্ৰ) ইয়ত মুদ্ৰী কেটুম (প্ৰথপী এগৰ্থ) জ্য সাৰ্মন্ত্ৰী (দিন্যকুষ্ণাৰ জামৰভালা)	5.8		GLAW CONTRA	
	<ul><li>श) इंगा निप् क्रिक्ट्रें (गर्वानु विक्रा)</li></ul>	98	고이	(र्र्ज्यर्) ब्रह्मक्रे	*
	म) उर्जाम शर्मा र्जाइन्मी क्षेत्र्य मर्रा विभिन्ननि शूचित्र)				of the
	ह्या हिंदी कर्ता के कि का कि कि कि	00	100	3 9 5 80	Charles de la
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# **DEPARTMENT OF ASSAMESE**

CE	১cs ভূতীয় স্থাপ্যাসন কাঠত-৫৭				2025
	ত্যেমার সংস্কৃতি ও		-	(क्ट्राडे-१	
ভোগট	ঠিত্তসূত্ৰ	(ন্ধ্ৰ	নম্বৰ	প্রবাহ্যক্রমন্ত ক্রম	3130
্ ভাস্ট:	इ सर् ऋष्ठिल अर्ष्ट्य, में सेल कावन डे मक्तर्र, सर्म्युक व्यंष्ट्राच्य क्लास्त्री	56	26	खिवंगा श्रुवंशिया	दिखंडू रिया
<b>ल</b> ले-	অসমত ক্লেক্সমূহত পত্তিচ্ছ	0.00	C		7111711
	তাত্তর ভ্রন্তি ক্রমন্ত্রভ্রত তিত্তির ভ্রন্তিক্রম্ম সংস্কৃতিত তাত্তর	20	26	Office Rid	Storeller
Ente	A THE SERVICE AND A STATE OF THE SERVICE ASSESSMENT	0.1	2		
	জ্যেত্রতার তাব ত্যেত্রতিরাস।	26	34	de in the	6
	मिर्गाहिङ क्राटकोरिः मिर्गिहरः		-	ন্যক্ষন্থি চের্বিফু	Sirring
	(अल्लेख क्रम्ब्रिक	1000		Company of the second	,
ट्यक्र-8	পৰিসন্ধাসত ভাসমাত্ৰ সক্ষপত		0	91 - 2101	The same
	ব্রোক জন্ত-জন্ম ; বর্জো ভাষেমার)	>¢		विवस्त्र विवस्त्र हिंद्य	Tritalian de an
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लाग्ये-ट	জসমৰ স্থ্যাপত্ত – জ্যার্ম্ব	90	عد	उ जर्क्ष एउ	OCE DO 1
				physical respondence	
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ভ্ৰমন্ট-	ত্যস্মীয়া নদ্ধক; Ass			AMA কুমাছ-1	<i>2</i> १८००
	ভাসমীয়া নাণ্ট্য সাম্ভিত:সার্দ্দেন্ত ইতিহাস	28	76	<b>্রে</b> ক্তর মুব্রন্তর	@orak In
ভূপট-2	পুৰণি অসমীহা নন্ধক বৰ্নক্সিনী হ্ৰপ (সাংকৰচেৰ)	90	56	हिंद्रका। हार्एड्ड्ड्रीक	िल्लक रूप चित्रेयोः
ভাগত ক	ভার্ত্বনিক স্থানন্ত্রী নাটক(ক) সাঁতবুঢ়া(পোপ্নমায় সোফাঞ্চি বরক্রা)	26	28	र्रत्यम्भ भवद्ये	*
Quik. w	অভিতা (ছে)মঙ্গিসম জেঞ্চৰক্ৰ ন্যা)	12134	200	দেইখ্ৰাত্য বৰুত্যি ধাত্ৰ	SANTA ANCE
স্পৌট্ন 8	न्लार्यक्रिक जञ्ममीया नार्टक्यो	26	28		C A TAIL
PRE V	কুকুৰজৰ্ভীয়া সানুহ (ভাবন পদ্য) স্থানটো পভানটো (ফোন্তন ক্ৰেঞ্জা)	20	28	अध्य दूर्वेखर	OF WA
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	CBI	-	111	0		022
	TENY	ভারমীরা ভারার ভারান্তিজ্ঞানির বিশ্বদ্র	_	_	হিনাপ্তরে লাম	স্থাপ্ত ত
101	CAYE-	হ ব্যক্তিয়েশ্ৰ পৰিচয়, অনি, ধর্ম,		1	স্থুনন্তুর হ্মভিগ্	
_		উপজিমিৰ সংজ্ঞা কাৰু ধ্বানি সাম্বিকানৰ ধনীয়ম			o de la constante	1783.5
0	हाग्हे-:	ए व्याप्रमित्रा काष्ट्राव स्वितिकाष्ट्रिक विस्नाचन	26	26	\$	
_		(ম) বিজ্যে প্রামি: প্রব জাক ব্যঞ্জনর পাঠন্ডাই লাক নিশহ, প্রব ভাক		1		
9	En la	कुद्धन अर्जू	181	\$ 5.00	15.36 534 2.8	A 1 61
The second	ভাগন্ধ: ব	তা ভাষ্ঠিত প্রেক্ত বিদ্যান্তর ব্রি ভাষ্ঠিত প্রেক্ত ভিত্ত উপাক্ত ভিত্ত	200	26	J 05.60 KB	0120
State Section	7	অভিতেপ পার্বত চণ্ড				,
The second		(হা) অসমীহ্রা ভাজাত ভিম্পুর্ভিড সম্প্রিকারের				)
	<u> </u>	The construction of			5	
1	हाम्ह-8	জসমীয়া ভাষাৰ ব্যাক্তৰগণত বিষয় ক্ৰী মিংস, বচন, কাৰক, মিৰ্মি উজলচক	1		a a	
	C. C.	SAT IN THE STATE OF THE STATE O	N LEX	200	JUST SE	(37 S)L.
		জ্য <del>অসমিরা হোষার প্রকৌর ত</del> দক্ত জ				
4.		क्षिक एक व्यापक हिल्ला के प्रकार				
_,	E COLER	<b>64</b> 248 1	,		3 (0) ( V V	C043-8
_	9 drie	ভারতীরা ভেষেতে ওপরাজারীর র্থবারা	11354	evices and	ব্ৰুবুৰ্ব হল্কভিগ্ন	२५ क्र
-	S. S. S.	জ্য নিসমূচিন ভ্রমিত এনঐত হুমুমিত এ (এ) শেমপূর্জা আগ্রিন প্রাক্তির	nest	time of the l	Cold of American Cold of the C	d
-		(अरुक्षात्राक क्रेनेव्हाम, श्रावादिक	n size		Establishment of the second	ette,
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		अ) अस्त्रीरम उराकि विक्रे करणा .			4 45	-
ل		Contract of		140		1 3

CBC	<b>₹</b>	SE-1			2022
	অসমীহা ব্যাব্যব্দ অভি			_	
GW	াতঘ্য	ক্ৰেনি)	নম্বৰ	হিনাহ্যক্রর নাম	SIENE
হার্ন্ত	অসমিল্লা ভাষাৰ উচ্চৰণ ভাৰে-	26	200	ৰুনজুন হজ্জভিগ	শ্ৰণত্বন হস্মবি
	ভামত ভ্রেমিরিন ক্রিপ্রাসমিহা অঙ্গাত্র উচ্চাবন নির্বাধি	*		क व्यक्ति मंद्र	oxedo m
gold ac	হো) অসমী ক্লা ভোষাও জাঁগুনি	3-60		A file on of Clarentan	Cont.
ভাষ্ট:হ	অসমীহা ব্যাকৰণ্ড সাহাৰণ	28	26	ক্রুক্তর হরতে	७. <i>चड्न श</i> त्रिक
	ব্রি অসমূর্য ভার্মত কেট র			C. OTE BES TO	assa 3.
	ক্ত প্রভার, তদ্ভিত প্রভার, বদুরকদে সর্ম, প্রক্রাপ্তকাদক সর্ম, প্রকর্মিতকাদক সর্ম, প্রেত	400	10.000	2012012012020	6
	মাদ্রদেশ, বিধোহাসকে আক্র				7
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# **DEPARTMENT OF ASSAMESE**

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জ্যুক্ত বিকাশ, ভারতীয় সাহিত্ বৈশিষ্ট্র উঠ্ব ভারতীত্র কবিতার চানোক জ্বিত্তনানন দেসে (বনক্স সে ব্যাবিশ্বর দেয়ার সক্ষেত্র	76 7)	26		24
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ুলাট- <b>ন</b>	অপ্রাসা মুটিদানন	56	56	বিঅপিক্ত ভেতিছা	
×	ক্ষা বিট্টী ত্যাইৰ সাগ্ৰ/পূৰ্বী বৰ্মুদ্ৰ)				
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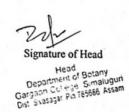
# **DEPARTMENT OF BOTANY**



#### COURSE DISTRIBUTION (Odd Sem)

#### Name of the Teacher: Dr. Dimbeshwar Das (HoD)

S1. No.	Semester	Subject	Stream	Paper Code	Unit	
					Unit 4: Algae	
		Microbiology and Phycology	HONS.	Cı	Unit 5: Cyanophyta, Chlorophyta, Xanthophyta and Charophyta	
1	I				Unit 6: Phacophyta and Rhodophyt	
					Unit 4: The Cell	
		Biomolecules and Cell	HONS.	C 2	Unit 5: Cell Wall and Plasma Membrane	
		Biology .			Unit 6: Cell Organelles	
					Unit 7: Cell Division	
					Unit 1: Mendelism Genetics and its Extension	
	ш				Unit 2: Extrachromosomal Inheritance	
		Genetics	HONS.	C7	Unit 3: Linkage, Crossing Over and chromosome mapping	
2		ш	ш			
	1 .				Unit 1: Introduction to vermiculture	
		Basics of Vermicomposting	HONS.	SEC 1.1	Unit 2: The species of earthworms	
					Unit 3: Biology of earthworms	
					Unit 1: Imaging and related techniques	
					Unit 2: Cell fractionation	
		Analytical Techniques in			Unit 3: Radioisotopes	
3	v	Plant Sciences	HONS.	DSE 1	Unit 4: Spectrophotometry	
					Unit 5: Chromatography	
					Unit 6: Characterization of proteins and nucleic acids	
					Unit 7: Biostatistics	





## Name of the Teacher: Mrs. Sangeeta Chetia (Assistant Professor)

SI. No.	Semester	Subject	Stream	Paper Code	Unit
-					Unit 1: Introduction to Bacterial World
		Microbiology and Phycology	HONS.	CI	Unit 2: Bacteria
					Unit 3: Viruses
1	I				Unit 1: Microbes
	5-13-1	Biodiversity (Microbes, Algae,	or	GE 1	Unit 2: Algae
		Fungi and Archegoniate)	GE	GE I	Unit 3: Fungi
					Unit 4: Lichen
					Unit 1: Introduction and scope of Plan Anatomy
		Anatomy of Angiosperms	HONS.	C 5	Unit 2: Structure and development of plant body
					Unit 3: Tissues
	1 4		HONS.		Unit 1: Origin of cultivated Plants
					Unit 2: Cereals
2					Unit 3: Legumes
					Unit 4: Sources of sugar and starches
					Unit 5: Spices
		Economic Botany		C 6	Unit 6: Beverages
	ш	Economic Botany			Unit 7: Sources of oils and fats
					Unit 8: Natural rubber
	100				Unit 9: Drug yielding plants
					Unit 10: Timber plants
	100				Unit 11: Fibres
					Unit 12: Aromatic and Petrocrops
					Unit 3: Secondary Growth
		Plant Anatomy and	GE	GE 3	Unit 4: Adaptive and protective systems
		Embryology	GE	GE 3	Unit 7: Embryo and endosperm
		A protection of			Unit 8: Apomixis and polyembryony
-					Unit 1 Plant water relations
					Unit 2: Mineral nutrtion
					Unit 3: Nutrient uptake
			1 11		Unit 4: Translocation in the phloem
3	v	Plant Physiology	HONS.	C 12	Unit 5: Plant Growth regulators
					Unit 6: Physiology of flowering
					Unit 7: Phytochromes, Cryptochromes

Signature of Head
Head
Department of Sciany
Gargaon Colone Smaluguri
Dist. Swasapar no 185866 Assam



## pepartment of Botany গড়গাঁও মহাবিদ্যালয় GARGAON COLLEGE

NAAC Accredited with 'B' Grade
P.O. SIMALUGURI, PIN: 785 686, DIST. SIVASAGAR (ASSAM)

## Name of the Teacher: Miss Sandeepa Agarwalla (Assistant Professor)

Sl. No.	Semester	Subject .	Stream	Paper	Unit
		Microbiology and Phycology	HONS.	C 1	Unit 4: Algae Unit 5: Cyanophyta, Chlorophyta, Xanthophyta and Charophyta
		mare injectory			Unit 6: Phaeophyta and Rhodophyta
	1 23 1				Unit 1: Biomolecules
1	I	Biomolecules and Cell Biology	HONS.	C 2	Unit 2: Bioenergetics
-	1				Unit 3: Enzymes
					Unit 5: Introduction to Archegoniates
		Biodiversity (Microbes, Algae,	GE	GE 1	Unit 6: Bryophytes
		Fungi and Archegoniate)	-		Unit 7: Pteridophytes
					Unit 8: Gymnosperms
					Unit 4: Apical Meristem
		Anatomy of Angiosperms	HONS.	C 5	Unit 5: Vascular cambium and Wood
		Tanatomy of Tanglosperms	1010.		Unit 6: Adaptive and Protective system
2 Ш					Unit 5: Fine Structure of Gene
	Genetics	HONS.	C 7	Unit 6: Gene Mutations	
	ш	Genetics		0,	Unit 7: Population and Evolutionary Genetics
		Plant Anatomy and	GE		Unit 1: Meristematic and permanent tissues
					Unit 2; Organs
		Embryology		GE 3	Unit 5: Structural organization of flowers
				Unit 6: Pollination and fertilization	
	1		-		Unit 1: Introduction
					Unit 2: Reproductive development
		Reproductive Biology of	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Unit 3: Anther and Pollen Biology
		Angiosperms	HONS.	C 11	Unit 4: Ovule
					Unit 5: Pollination and fertilization
3 V					Unit 6: Self incompatibility
	v				Unit 1: Introduction to Bioinformatics
,	1				Unit 2: Databases in Bioinformatics
		Bioinformatics	HONS.	DSE 2	Unit 3: Biological Sequence Databases
		Diomornatics	HONS.	Doe 2	Unit 4: Sequence Alignments
					Unit 5: Molecular Phylogeny
					Unit 6: Applications of Bioinformatics





# **DEPARTMENT OF BOTANY**



## COURSE DISTRIBUTION (Even Sem)

#### Name of the Teacher: Dr. Dimbeshwar Das (HoD)

Sl. No.	Semester	Subject	Stream	Paper Code	Unit
		Mycology and Phytopathology	HONS.	C 3	Unit 6: Phytopathology
1	п				Unit 1: Introducation
•			110110		Unit 2: Bryophytes
	Archegoniate	Archegoniate	HONS.	C4	Unit 3: Type Stidies-Bryophytes
					Unit 6: Fossil Plants
					Unit 1: Nucleic Acids: Carriers of genetic information
		Molecular Biology	HONS.	C 8	Unit 2: The structure of DNA and RNA
					Unit 3: The replication of DNA
					Unit 1: Significance of Plant systematics
2	IV	Plant Systematics	HONS.	C 10	Unit 3: Morphology and Botanical nomenclature
					Unit 7: Major families of Angiosperms
			HONS.		Unit 1: Small scale Vermicomposting
		Vermicompost Technology		SEC 1.2	Unit 2: Nutritional composition of vermicompost
					Unit 3: Identification of Earthworms, Prepartion, pakaging of vermicompost
	- 1				Unit 1: Plant Tissue Culture
		Plant Biotechnology	HONS.	C 14	Unit 5: Applications of Biotechnology
		1939			Unit 1: Plant Breeding
					Unit 2: Methods of crop improvement
		Plant Breeding	HONS.	DSE 3	Unit 3: Quantitative inheritance
3	VI	Steeling	nons.	Dates	Unit 4: Inbreeding depression and heterosis
					Unit 5: Crop improvement and breeding
					Unit 1: Biostatistics
				1	Unit 2: Collection of data primary and secondary
		Biostatistics	HONS.	DSE 4	Unit 3: Measures of central tendency
	25				Unit 4: Correlation
3311	12	100			Unit 5: Statistical inference





## Name of the Teacher: Mrs. Sangeeta Chetia (Assistant Professor)

Sl. No.	Semester	Subject	Stream	Paper Code	Unit
					Unit 1: Introduction to Fungi
		Mycology and Phytopathology	HONS.	C3	Unit 2: Chytridiomycota, Zygomycota, Ascomycota and Basidiomycota
1	п				Unit 3: Allied Fungi and Oomycota
					Unit 4: Photosynthesis
					Unit 5: Respiration
		Plant Physiology and Metabolism	GE	GE 2	Unit 8: Plant growth regulators
					Unit 9: Plant response to light and temperatures
					Unit 1: Introduction
		Plant Ecology &		K- garanti	Unit 2: Soil
		Phytogeography	HONS.	C 9	Unit 4: Population Ecology
		Plant Systematics			Unit 2: Taxonomic hierarchy
			HONS.		Unit 4: Systems of classification
2	IV			C 10	Unit 5: Biometrics, numerical taxonomy and cladistics
					Unit 6: Phylogeny of Angiosperms
		A A SHORT			Unit 1: Introduction
			1 1		Unit 2: ecological factors
					Unit 3: Plant communities
		Plant Ecology and Taxonomy	GE	GE 4	Unit 9: Taxonomic hierarchy
					Unit 10: Botanical Nomenclature
		1221			Unit 11: Classification
					Unit 1: Concept of metabolism
3	VI	Plant Metabolism	HONS.	C 13	Unit 2: Carbon assimilation
					Unit 3: Carbohydrate metabolism
				1	Unit 4: Carbon Oxidation





## pepartment of Botany গড়গাঁও মহাবিদ্যালয় GARGAON COLLEGE

NAAC Accredited with 'B' Grade
P.O. SIMALUGURI, PIN: 785 686, DIST. SIVASAGAR (ASSAM)

## Name of the Teacher: Miss Sandeepa Agarwalla (Assistant Professor)

SI. No.	Semester	Subject	Stream	Paper Code	Unit		
DI. 110.	Demositor	-	1		Unit 4: Symbiotic Association		
		Mycology and Phytopathology	HONS.	C 3	Unit 5: Applied Mycology		
					Unit 4: Pteridophytes		
		Archegoniate	HONS.	C 4	Unit 5: Gymnosperms		
1	п		-		Unit 1: Plant water relations		
•					Unit 2: Mineral Nutrition		
		Plant Physiology and	GE	GE 2	Unit 3: Translocation in phloem		
		Metabolism	OL	OLZ	Unit 6: Enzymes		
					Unit 7: Nitogen Metabolism		
					Unit 4: Central Dogma and Genetic Code		
		W. L. Distant	HONS.	C 8	Unit 5: Transcription		
		Molecular Biology	HONS.	Co	Unit 6: Processing and		
					modification of RNA		
			-		Unit 7: Translation Unit 3: Biotic Interaction		
					Unit 5: Plant Communities		
.		Plant Ecology &	HONS.	C9			
		Phytogeography	nois.	Cy	Unit 6: Ecosystem: Structure and Function		
**					Unit 7: Phytogeography		
2	IV	IV	IV				Unit 4: Ecosystem
				1	Unit 5: Phytogeography		
	7. 7. 4				Unit 6: Introduction to plant		
					taxonomy		
					Unit 7: Identification		
		Plant Ecology and Taxonomy	GE	GE 4	Unit 8: Taxonomic evidences from palynology, cytology, phytochemistry and molecular data		
					Unit 12: Biometrics, Numerical taxonomy and cladistics		
	10.00				Unit 5: ATP-Synthesis		
	1 1 1 1 1				Unit 6: Lipid metabolism		
		Plant Metabolism	HONS.	C 13	Unit 7: Nitrogen metabolism		
3	VI				Unit 8: Mechanisms of signal transduction		
					Unit 2: Recombinant DNA technology		
		Plant Biotechnology	HONS.	C 14	Unit 3: Gene Cloning		
1	P				Unit 4: Methods of gene transfer		

Signature of Head

Head

Department of Botany
Gargaon Co. - Signatugun
Dist. Swasaja, Pol 755586, Assam



# **DEPARTMENT OF CHEMISTRY**

C1 Inorganic	Chen	nistry		
aculty name	Sem	ester	Paper	Unit wise division
			Code	
Dr. Pakiza	I	H	C-101	Unit I: Atomic Structure
Begum				Unit II: Periodicity of Elements
				Unit IV: Oxidation-Reduction
			C-101-	(A) Titrimetric Analysis
			LAB	(B) Acid-Base Titrations
				(C) Oxidation-Reduction Titrimetry
	İ	GE	GE-101	Unit I: Atomic Structure
			GE-101	Section A: Inorganic Volumetric Analysis
			Lab	,
	ш	Н	C-301	Unit I: General Principles of Metallurgy
				Unit II: Acids and Bases
				Unit IV: Noble Gases
				Unit V: Inorganic Polymers
			C-301-	A. Iodo/Iodimetric Titrations
			LAB	B. Inorganic preparations
		GE	N/A	N/A
	V Œ		DSE-501	Unit I: Qualitative and quantitative aspects of analy
	. (2	-/	Don to.	Unit II: UV-Visible and IR Spectrometry
				Determination of dissolve oxygen in Water;
			DSE-	Chromatographic separations
			501-Lab	emonatographic separations
			Jor Luc	
			DSE-502	Unit I: Introduction to Green Chemistry
			D0E-302	Unit II: Principles of Green Chemistry and Designin
				a Chemical synthesis (points (i) and (ii))
Dr. Plaban	ı	Н	C-101	Unit II: Periodicity of Elements
Jyoti Sarma	*	11	C-101	(A) Titrimetric Analysis
syou sauna			LAB	(B) Acid-Base Titrations
			LAB	. ,
		CE	CE 101	(C) Oxidation-Reduction Titrimetry
		GE	GE-101	Unit I: Atomic Structure
			GE-101	Section A: Inorganic Volumetric Analysis
	***	**	Lab	Unit III. Chamieter of a color black alarma
	III	H	C-301	Unit III: Chemistry of s and p block elements
			C-301-	A. Iodo/Iodimetric Titrations
		OF.	LAB	B. Inorganic preparations
	37.6	GE	N/A	N/A
	V (F	1)	DSE-501	Unit III: Thermal methods of analysis
				Unit IV: Electro-analytical methods
			Dan	Unit V: Separation techniques
			DSE-	Determination of dissolve oxygen in Water;
			501-Lab	Chromatographic separations
C2 Organic C			1-	I management
Faculty name	Sem	iester	Paper	Unit wise division
			Code	
Dr.ArandaoNa	J.,	H	N/A	N/A
		GE	GE-101	Unit IV: Stereochemistry
				Unit V: Aliphatic Hydrocarbons
			GE-101-	Detection of characterized element (N, S, Cl, Br, I)

Faculty name		Sem	ester	Paper Co	de	Unit wise division	
Dr.ArandaoNar	rzary	I	Н	N/A		N/A	
			GE	GE-101		Unit IV: Stereochemistry	
				an		Unit V: Aliphatic Hydrocarbons	
				GE-101-L	.AB	Detection of characterized element (N, S, Cl,	
						Br, I) in an organic compound, Separation of	
		ш	н	C-302		mixtures by Chromatography Unit I: Chemistry of Halogenated	
		111	п	C-302		Hydrocarbons,	
						Unit III: Carbonyl Compounds	
				C-302-LA	В	Unit I, II, III: Functional group analysis	
			GE	GE-101		Unit-VII, VIII	
				GE-101-L	AB	Unit-II	
		V (E	(I)	C-501		Unit I: Nucleic Acids	
						Unit II: Amino Acids, Peptides and Proteins	
						Unit IV: Lipids	
						Unit V: Disconnection approach in Organic	
						Synthesis	
				C-501-La	b	Estimation of glycine,	
						Study of the action of salivary applies on	
						Study of the action of salivary amylase on	
Mr. Rituraj Tab	111	I	н	N/A		starch, Saponification value of oil or a fat.  N/A	
Minist 130	MM.		GE	GE-101		Unit-III: Fundamentals of Organic Chemistry	
			02	22 101		V: Aliphatic Hydrocarbons	
						Detection of characterized element (N, S, Cl,	
				GE-101 Lab		Br, I) in an organic compound, Separation of	
						mixtures by Chromatography	
		III	H	C-302		Unit-II: Alcohols, Phenols, Ethers and	
						Epoxides	
				C-302-lab			
			CE	CE 201		Unit –I, II, III Functional group analysis	
			GE	GE-301		Unit-V: Carboxylic acid VI: Amine and	
				GE-301-la	ah	diazonium salt Unit-II: Organic analysis	
		V (E	0	C-501		Unit-III: Enzymes	
		. (1.	,	0.001		VI: Pharmaceutical compounds: structure	
						and importance	
				C-501-Lal	b	Estimation of glycine,	
						Study of the titration curve of glycine.	
						Study of the action of salivary amylase on	
						starch, Saponification value of oil or a fat.	
C3 Physical Cl			n	n Code	¥7•	it wise division	
Faculty name	Semo	ester	Pape	er Code	Uni	it wise division	
Dr. Anna	I	Н	C-10	2	Uni	t-II (Liquid State)	
Gogoi	1	**	-10	-		t-IV (Ionic Equilibrium)	
SUCERVA .			C-10	2 Lab		ctical	
	l	GE	N/A		N/A		
	ш	H	C-30	3		t II (Chemical Kinetics)	
				3-lab		ctical	
	İ	GE	GE-3			t-3 (Conductance)	
				01-lab		ctical	
i	V (H)		C-50		Uni	t-II (Molecular Spectroscopy)	
			C-50	2-Lab		ctical	
			C-10				
Dr. Schoo-	T 1			)2 τ		t 1: Gaseous State	
Dr. Saheen	I	Н	-10	-	TTm:	t 3: Solid State	
Shehnaz	I					t 3: Solid State	
	I	GE H	N/A C-30		N/A		

Faculty	Sen	ıester	Paper Code	Unit wise division
name				
Dr. Anna	I	H	C-102	Unit-II (Liquid State)
Gogoi				Unit-IV (Ionic Equilibrium)
			C-102 Lab	Practical
		GE	N/A	N/A
	III	H	C-303	Unit II (Chemical Kinetics)
			C-303-lab	Practical
		GE	GE-301	Unit-3 (Conductance)
			GE-301-lab	Practical
	V (I	H)	C-502	Unit-II (Molecular Spectroscopy)
			C-502-Lab	Practical
Dr. Saheen	I	Н	C-102	Unit 1: Gaseous State
Shehnaz				Unit 3: Solid State
Begum	İ	GE	N/A	N/A
	III	Н	C-303	Unit 1: Phase equilibria
				Unit 3: Catalysis
				Unit 4: Surface Chemistry
		GE	GE-303	Unit 1: Solutions
				Unit 2: Phase equilibria
				Unit 4: Electrochemistry
	V		C-502	Unit 1: Quantum Chemistry Unit 3:
				Photochemistry

Class vanting for the even competer 2022 can be found in the following link

C1 Inorganic Faculty		iester	Paper Code	Unit wise division
name	Sen	iestei	raper Code	Chit wise division
Dr. Pakiza	п	Н	N/A	N/A
Begum	-	GE	N/A	N/A
Deguin	IV	H	C-401	Unit II: Transition Elements
	1 1	111	C-401	Unit III: Lanthanoids and Actinoids
				Unit IV: Bioinorganic Chemistry
			C-401-LAB	A. Gravimetric Analysis
			C-401-LAB	B. Inorganic Preparation
				C. Chromatography of metal ions
		GE	GE-401	
		GE		Unit II: Coordination Chemistry
			GE-401-LAB	Unit III: Crystal Field Theory
	377 /	II/	C-601	Section A: Inorganic Chemistry
	VI (	H)	C-601	Unit I: Theoretical Principles in Qualitative
				Analysis (H <sub>2</sub> S Scheme) Unit II: Organometallic compounds
			C 601 T AD	Unit IV: Catalysis by Organometallic Compounds
			C-601-LAB DSE-601	A. Qualitative Inorganic Analysis Unit I: Silicate Industries
			DSE-601-LAB	A. Qualitative Inorganic Analysis
D. Distant		1 **	DSE-603	Dissertation (Project Work)
Dr. Plaban	п	H	N/A	N/A
Jyoti Sarma		GE	N/A	N/A
	IV	H	C-401	Unit II: Transition Elements
				Unit IV: Bioinorganic Chemistry
			C-401-LAB	A. Gravimetric Analysis
				B. Inorganic Preparation
				C. Chromatography of metal ions
		GE	GE-401	Unit II: Coordination Chemistry
			GE-401-LAB	Unit III: Crystal Field Theory
				Section A: Inorganic Chemistry
	VI (	H)	C-601	Unit I: Theoretical Principles in Qualitative
				Analysis (H <sub>2</sub> S Scheme)
				Unit II: Organometallic compounds
			C-601-LAB	A. Qualitative Inorganic Analysis
			DSE-601	Unit II: Fertilizers
			DSE-601-LAB	A. Determination of free acidity
				B. Estimation of Calcium
				C. Analysis of Cement
				D. Determination of composition of Dolomite
				E. Preparation of Pigment
	1		DSE-603	Dissertation (Project Work)



# **DEPARTMENT OF CHEMISTRY**

II	H	C-201 C-201-LAB GE-201	Unit-II: Stereochemistry Unit-III: Chemistry of Aliphatic Hydrocarbons  EXP-1,2,3 and 4 Chromatography, Crystalization, Determination of melting point Unit-IV: Aromatic Hydrocarbons
IV	GE		Chromatography, Crystalization, Determination of melting point Unit-IV: Aromatic Hydrocarbons
IV	GE	GE-201	Unit-IV: Aromatic Hydrocarbons
IV			V: Alkyl and Aryl Halides Section B: Criteria of Purity: Determination of
IV		GE-201-LAB	melting and boiling points, Preparations
	Н	C-402	Unit-II: Polynuclear Aromatic Hydrocarbons Unit III: Heterocyclic Compound-I Unit V: Terpenes
		C-402-lab	EXP-1, 2 and 3 Detection of elements (N, S and Halogens, Functional group detection
	GE	N/A	N/A
VI (I	H)	C-602	Unit-I: Organic Spectroscopy
			II: Carbohydrates III: Dyes Unit-I, II
		C-602 LAB	Qualitative analysis of unknown organic compounds containing monofunctional groups, Extraction of caffeine from tea leaves.  Project
П		C-201	Unit-I: Basic Organic Chemistry Unit-IV: Cycloalkanes and Conformational analysis
		C-201-LAB	Unit-V: Aromatic Hydrocarbons EXP-1,2,3 and 4 Chromatography, Crystallization, Determination
		GE-201	of melting point Unit-VI: Alcohols, Phenols and Ethers Section Pt. Criteria of Parity Petermination of
		GE-201-LAB	Section B: Criteria of Purity: Determination of melting and boiling points, Preparations
IV		C-402	Unit-I: Nitrogen Containing Functional Group IV: Alkaloids
		C-402-lab	EXP-1,2 and 3 Detection of elements (N, S and Halogens, Functional group detection
	İ	N/A	N/A
VI (I	H)	C-602	Unit-I: Organic Spectroscopy IV: Polymers
		C-602 LAB	Unit-I, II Qualitative analysis of unknown organic compounds containing monofunctional groups, Extraction of caffeine from tea leaves. Unit-III: Surface Coatings
	II	VI (H)	GE N/A C-602  C-602 LAB  II C-201  C-201-LAB  GE-201  GE-201-LAB  IV C-402  C-402-lab  N/A  VI (H) C-602

	Qualitative analysis of unknown organic compounds containing monofunctional groups, Extraction of caffeine from tea leaves. Unit-III: Surface Coatings
DSE 601	Project
DSE-603	

Faculty	Sem	ester	Paper Code	Unit wise division
name		icstci	Taper Code	Chit wist division
Dr. Anna	п	H	C-202	Unit-I (Chemical Thermodynamics)
Gogoi			C-202 Lab	Practical
		GE	GE-201	Unit-3 (Ionic Equilibrium)
			GE-201-lab	Practical
	IV	Н	C-403	Unit-I (Conductance)
			C-403 Lab	Practical
		GE	GE-401	Unit-IV Liquids
				Unit VII Chemical Kinetics
			GE-401 Lab	Practical
	VI (	H)	DSE-603	Dissertation (Project Work)
Dr. Saheen	п	H	C-202	Unit 2: Systems of Variable composition
Shehnaz				Unit 3: Chemical Equilibrium
Begum				Unit 4: Solutions and Colligative properties
		GE		Unit 1: Chemical energetics
				Unit 2: Chemical equilibrium
	IV	H	C-403	Unit 2: Electrochemistry
				Unit 3: Electrical and Magnetic Properties of
				Atoms and Molecules
		GE		Unit 4: Kinetic Theory of Gases
				Unit 6: Solids
	VI (	H)	DSE-601	Unit 4: Batteries
			DSE-603	Dissertation (Project Work)



(Dr. Anna Gogoi) HoD,

Chemistry Department
Gargaon College, Simaluguri



# **DEPARTMENT OF COMMERCE**

## **Notice**

Date: 16/08/2022

The following teachers/departments are entrusted with the responsibility of teaching the following subjects allotted against their names for the session 2022-2023 (ODD Semester) with effect from 16/8/2022.

SI No	Name of the Faculty	Subjects
1	Dr Meghali Bora	ITLP(3 <sup>rd</sup> Sem), FIMT(5 <sup>TH</sup> SEM)
2	Mr Anil Tanti	BLAW (1 <sup>ST</sup> SEM) SEC/3 <sup>RD</sup> SEM(ENDT), FIMT (5 <sup>TH</sup> SEM)
3	Ms. Nomami Dutta	FACC(1 <sup>ST</sup> SEM) HRM (3RD Sem), FIMT (5 <sup>TH</sup> SEM)
4	Dr Mintu Gogoi	MPAA(3 <sup>RD</sup> SEM) PMTG (5 <sup>TH</sup> SEM) CB (5 <sup>TH</sup> SEM)
5	Mr Gautom Hazarika	MACC(5 <sup>TH</sup> SEM) FACC(1 <sup>ST</sup> SEM) ADFA(5 <sup>TH</sup> SEM)
6	Dr Mrinal Ghosh	RM(5 <sup>TH</sup> SEM) ECOM(3 <sup>RD</sup> SEM) ADFA(5 <sup>TH</sup> SEM) MECO(1 <sup>ST</sup> SEM)

(Dr Meghali Bora) Head, Dept. Of Commerce Gargaon College

HOD
Department of Commerce
Gargaon College
Date



# **DEPARTMENT OF COMMERCE**

## **Notice**

Date: 1/02/2023

The following teachers/departments are entrusted with the responsibility of teaching the following subjects allotted against their names for the session 2022-2023 (Even Semester) with effect from 1/2/2023.

SI No	Name of the Faculty	Subjects
1	Dr Meghali Bora	COAC (4 <sup>TH</sup> Sem), GST(6 <sup>th</sup> sem)
2	Mr Anil Tanti	CLAW(2 <sup>nd</sup> sem)
3	Ms. Nomami Dutta	COAC (2 <sup>nd</sup> Sem), SAPM(6 <sup>th</sup> sem), GST(6 <sup>th</sup> sem)
4	Dr Mintu Gogoi	AUDG, (6 <sup>th</sup> sem), SM, (6 <sup>th</sup> sem), ADM(6 <sup>th</sup> sem),
5	Mr Gautom Hazarika	COAC (2 <sup>nd</sup> Sem), IECO, (4 <sup>th</sup> sem) ENTP (4t sem)
6	Dr Mrinal Ghosh	MECO, (2 <sup>nd</sup> Sem), COAC (4 <sup>TH</sup> Sem),
7	Dr. Nazreen Parveen Ali	FSA(6 <sup>th</sup> sem)
3.	PGDCA Dept	BM (4 <sup>th</sup> sem)(online) CAIB

(Dr Meghali Bora) Head, Dept. Of Commerce Gargaon College

HOD
Department of Commerce
Gargaon College
Date



# **DEPARTMENT OF EDUCATION**

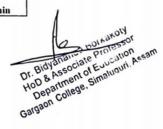


DEPARTMENT OF EDUCATION
GARGAON COLLEGE
Estd. – 1959
P.O. Simaluguri, Dist. Sivasagar (Assam)
Pin: 785686
Email: edudeptgc@gmail.com

Course distribution for Odd Semester (2022)

Date:	20/09	/202

Unit Distr	ribution (1 <sup>st</sup> ,3 <sup>rd</sup> &	5 <sup>th</sup> Semes	ter,2022)
Semester	Course Code	Unit	Faculty
1st Semester (Honors)	EDNH 101	1,2 & 3	Dr. Bidyananda Borkakoti Dr. Natali Borgohain
20		4&5	Dr. Ratna Das Dr. Poli Konwar
	EDN102	1,2 & 3	Dr. Bidyananda Borkakoti Dr. Natali Borgohain
		4&5	Dr. Ratna Das Dr. Poli Konwar
1st semester (Non-Honours)	EDCN101	1,2 & 3	Dr. Bidyananda Borkakoti Dr. Natali Borgohain
		4&5	Dr. Ratna Das Dr. Poli Konwar
3 <sup>rd</sup> Semester (Honors)	EDNH301	1,2 & 3	Dr. Bidyananda Borkakoti Dr. Natali Borgohain





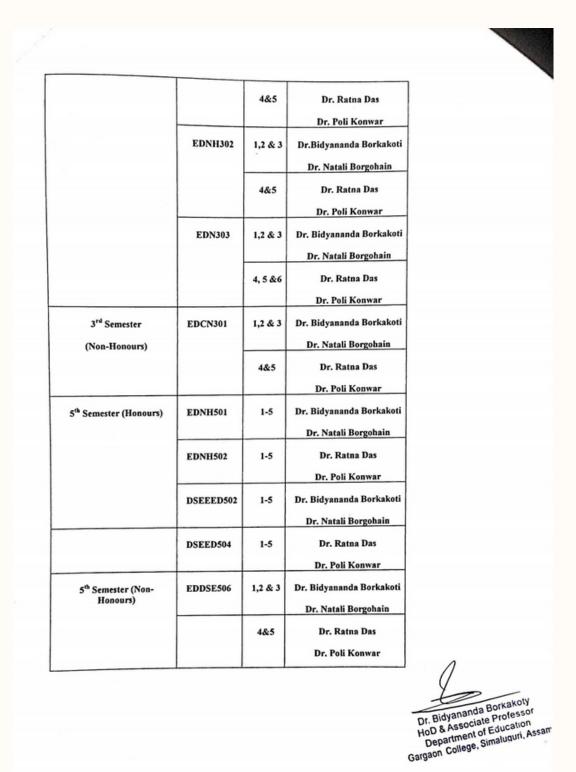
DEPARTMENT OF EDUCATION
GARGAON COLLEGE
Estd. – 1959
P.O. Simaluguri, Dist. Sivasagar (Assam)
Pin: 785686
Email: edudeptgc@gmail.com

Date: 22.01.2023

Course distribution	for	Even	Semester	(202

Unit Dist	ribution (2 <sup>nd</sup> ,4 <sup>th</sup> &	& 6th Semes	ster,2023)
Semester	Course Code	Unit	Faculty
2 <sup>nd</sup> Semester (Honors)	EDNH 201	1,2 & 3	Dr. Bidyananda Borkakot
			Dr. Natali Borgohain
		4&5	Dr. Ratna Das
1			Dr. Poli Konwar
	EDN202	1,2 & 3	Dr. Bidyananda Borkakot
			Dr. Natali Borgohain
		4&5	Dr. Ratna Das
			Dr. Poli Konwar
2 <sup>nd</sup> semester (Non-Honours)	EDCN401	1,2 & 3	Dr. Bidyananda Borkakot
			Dr. Natali Borgohain
		4&5	Dr. Ratna Das
			Dr. Poli Konwar
4th Semester (Honours)	EDNH401	1,2 & 3	Dr. Bidyananda Borkakot
			Dr. Natali Borgohain





		4&5	Dr. Ratna Das	
		-	Dr. Poli Konwar	
	EDNH402	1,2 & 3	Dr. Bidyananda Borkakoti	
			Dr. Natali Borgohain	
		4&5	Dr. Ratna Das	
			Dr. Poli Konwar	
	EDN403	1,2 & 3	Dr. Bidyananda Borkakoti	
			Dr. Natali Borgohain	
		4, 5 & 6	Dr. Ratna Das	
			Dr. Poli Konwar	
4th Semester	EDCN401	1,2 & 3	Dr. Bidyananda Borkakoti	
(Non-Honours)			Dr. Natali Borgohain	
		4&5	Dr. Ratna Das	
			Dr. Poli Konwar	
6th Semester (Honours)	EDNH601	1-5	Dr. Bidyananda Borkakoti	
			Dr. Natali Borgohain	
1 2	EDNH602	1-5	Dr. Ratna Das	
			Dr. Poli Konwar	
	DSEEED602	1-5	Dr. Bidyananda Borkakoti	
			Dr. Natali Borgohain	
	DSEED604	1-5	Dr. Ratna Das	
			Dr. Poli Konwar	
6th Semester (Non-Honours)	EDDSE606	1,2 & 3	Dr. Bidyananda Borkakoti	
			Dr. Natali Borgohain	
		4&5	Dr. Ratua Das	
			Dr. Poli Konwar  Dr. Bldyananda B  Dr. Bldyanand	



## **DEPARTMENT OF GEOLOGY**

## Department of Geology





ESTD, 1985 E-Mail: geologygargaon1985@gmail.com

SIMALUGURI-785686, SIVASAGAR, ASSAM

## Minutes of DMC meeting on curriculum planning and implementation

Academic Year: 2022-2023

Semester: Odd Semester (1st, 3sd and 5th Semester)

As per the DMC meeting held on 17/08/2022 following decisions have been taken for smoothly running the CBCS courses of Geology (Honours and Generic) during the odd semesters 2021 as well as for imparting quality education and developing a proper assessment system of the students.

## Academic planning:

1. For smooth running of courses following course allotments have been made:

C1	Earth System Science	Dr. Chirantan Bhagawati
C2	Crystallography and Mineralogy	Dr. Chandraditya Gogoi, Mr. Debasish Konwar
GE1	Introduction to Geology	Prof. Bonika Buragohain
C5	Igneous Petrology	Dr. Chandraditya Gogoi
C6	Sedimentary Petrology	Prof. Bonika Buragohain
C7	Metamorphic Petrology	Mr. Debasish Konwar
GE3	Structural Geology and Tectonics	Dr. Chirantan Bhagawati
C11	Surveying and Engineering Geology	Dr. Chirantan Bhagawati
C12	Geomorphology	Mr. Debasish Konwar
DSE1	Fuel Geology	Prof. Bonika Buragohain
DSE2	Surveying and Mapping	Dr. Chandraditya Gogoi

2. For student assessment a following criteria shall be adopted:

For student assessment following factors shall be taken into account:

- > class attendance,
- > results of sessional examination to be held for 40 marks,
- class presentations and group discussions of 40 marks,
- Home assignments of 40 marks



## **DEPARTMENT OF GEOLOGY**

## **Department of Geology**



E-Mail: geologygargaon1985@gmail.com



## Minutes of DMC meeting on curriculum planning and implementation

Academic Year: 2022-2023

ESTD, 1985

Semester: Even Semester (2nd, 4th,& 6th Semester)

As per the DMC meeting held on 17/01/2023 following decisions have been taken for smoothly running the CBCS courses of Geology (Honours and Generic) during the even semesters 2023 as well as for imparting quality education and developing a proper assessment system of the students.

## Academic planning:

1. For smooth running of courses following course allotments have been made:

C3	Geochemistry and Optical Mineralogy	Dr. Chirantan Bhagawati
C4	Structural Geology and Plate tectonics	Dr. Chandraditya Gogoi
GE2	Palaeontology	Prof. Bonika Buragohain, New Teacher
C8	Palaeontology	Prof. Bonika Buragohain
C9	Stratigraphic Principles and Indian Stratigraphy	Dr. Chandraditya Gogoi
C10	Hydrogeology and Oceanography	New Teacher
GE4	Geomorphology, Remote Sensing & GIS	Dr. Chirantan Bhagawati, New Teacher
C13	Economic Geology, Coal and Petroleum	Prof. Bonika Buragohain
C14	Remote Sensing and GIS	New Teacher
DSE3	Geology of North-East India	Dr. Chandraditya Gogoi
DSE4	Earth and Climate	Dr. Chirantan Bhagawati

2. For student assessment a following criteria shall be adopted:

For student assessment following factors shall be taken into account:

- > class attendance,
- > results of sessional examination to be held for 40 marks,
- class presentations and group discussions of 40 marks,
- > Home assignments of 40 marks



# **DEPARTMENT OF HISTORY**

Dr. Manjumoni Gogoi Dhar  Hons C-1  Hons C-2  SOCIAL FORMATION AND CULTURAL PATTERNS OF ANCIENT  Hons C-1  NA  UNIT-IV:- Slave society in Ancient Greece Agrarian economy. Urbanization, trade.  UNIT-V:- Polis in Ancient Greece.
Dr. Manjumoni Gogoi Dhar  Hons . C-2 UNIT-IV:- Slave society in Ancient Greece Agrarian economy. Urbanization. trade.  SOCIAL FORMATION AND CULTURAL PATTERNS UNIT-V:- Polis in Ancient Greece.
SOCIAL FORMATION AND CULTURAL PATTERNS  Agrarian economy. Urbanization, trade.  UNIT-V:- Polis in Ancient Greece.
AND CULTURAL PATTERNS  UNIT-V:- Polis in Ancient Greece.
WORLD
GE GE-101  HISTORY OF ASSAM: 1228- 1826  UNIT IV: 5.01: Ahom system of Administ  -The state and Paik system.  5.02: Ahom policy towards the Neighbour Hill Tribes.
HISTRY OF INDIA IV (1206-1550)  HISTRY OF (a) Iqta and the revenue- free grants (b) Agricultural production, technology (c) Changes in rural society, revenue system  (d) Monetization, market regulation growth of urban canters, trade are commerce, Indian Ocean Trade.



# **DEPARTMENT OF HISTORY**

		INDIA-II	(a) Agrarian expansion, land grants, changing production relation, graded land rights and peasantry.      (b) The problem of urban declinespattern of trade and currency.      (c) Varna, proliferation of jatis.      (d) The nature of polities, the Guptas.
	GE.	C II HISTORY OF INDIA FROM THE EARLIEST TIMES TO 1526.	UNIT IV: Political developments in the south – the Pallavas, the imperial cholas, the Rastrakutas and the Chalukyas.
	NH	C II HISTORY OF MEDIAVEL INDIA	UNIT III: 3.01: Foundation of the Mughal empire-Mughal- Afghan context 3.02: Consolidation and territorial expansion of the Mughal empire.
IV	Н	C-IX HISTORY OF INDIA V(1550- 1605)	Unit I- Sources of Historiography  (a) Persian literary culture- translation, vernacular literary tradition.  (b) Modern Interpretation.  UNIT IV: Rural society and economy.  (a) Land rights and revenue system (b) Extension of agriculture and agricultural production.
	GE	C IV HISTORY OF MODERN ASSAM 1826- 1947	Unit-I: 1.01: Political condition in Assam on the eve of the British rule.  1.02: Establishment and consolidation of the British rule.



Course distribution of odd semester, 2022 - 23

Department: Physics

aculty Name Semester Diganta Konwar 1 H		Paper Code	Unit wise division	
Diganta Konwar	1	Н	C2: Mechanics	Fluid motion, Gravitation and Central force motion, Oscillation, Non-Inertial systems.
		GE	GE1: Mechanics	Gravitation, Oscillation
	Ш	Н	C7: Digital System and Application C6-Lab C7-Lab	Introduction to CRO, Integrated Circuit, Digital Circuit, Boolean Algebra, Data Processing Circuits, Arithmetic Circuit, Sequential Circuit, Timers, Shift registers, Counters(4 bits)
		GE	DSC-3A: Thermal Physics and Statistical Mechanics	Kinetic Theory of Gases.
	V	Н	C12: Solid State Physics	Dielectric Properties of Materials, Ferroelectric Properties of Matters, Elementary band theory, Superconductivity. Classical Mechanics of Point Particles, Small
			DSE1: Classical Dynamics	Amplitude Oscillations
Guna Kanta Sonowal	I H		C1: Mathematical Physics-1 C1-Lab.	Vector Calculus, Vector differentiation, Vector integration.
		GE	GE1: Mechanics	Vector, Ordinary differential Equation.
	Ш	Н	C6: Thermal Physics	Thermodynamic Potential, Maxwell's Thermodynamic Relations, Kinetic Theory of Gasses, Distribution of velocities, Molecular Collisions, Real Gases,
		GE	DSC-3A: Thermal Physics and Statistical Mechanics	Statistical Mechanics.
	V	Н	C11: Quantum Mechanics & Applications C9-Lab	Time dependent Schrodinger Equation, Time independent Schrodinger Equation, General discussion of bound states in an arbitrary potential, Quantum theory of hydrogen like atoms, Atoms in Electric and Magnetic fields, Atom in external Magnetic fields, Many electron atoms.
Jayanta Sonowal	wal I		C1: Mathematical Physics-1	Orthogonal Curvilinear Coordinates, Introduction to probability, Dirac Delta function and its properties. Special theory of relativity.
			C2: Mechanics	
		GE	GE1: Mechanics	Law of motion.
	111	Н	C5: Mathematical Physics-II	Theory of Errors, Partial Differential Equations.  Computer organization, Intel 8085

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Gargaon College



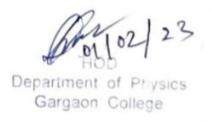
			C7: Digital System and Application C5-Lab C7-Lab	Microprocessor Architecture, Introduction to Assembly Language.
		GE	DSC-3A: Thermal Physics and Statistical Mechanics	Thermodynamic Potential.
	V	Н	DSE2: Astronomy & Astrophysics	Astronomical Scales, Astronomical Technique, The Sun, The milky way, Galaxies, Large scale structure & expanding universe.
Dr. Gitashri Arandhara	I	Н	C1: Mathematical Physics-1 C2-Lab	Calculus
		GE	GE1: Mechanics	Momentum and energy, Rotational motion.
		Н	C5: Mathematical Physics-II	Fourier Series, Frobenius Method and Special Function, Some Special Integral
		GE	DSC-3A: Thermal Physics and Statistical Mechanics	Theory of radiation
	V	Н	C12: Solid State Physics C12-Lab	Crystal Structure, Elementary Lattice Dynamics, Magnetic properties of matter
Dr. Bidyut Bikash Hazarika	I	Н	C2: Mechanics C2-Lab	Fundamental of dynamics, Work and energy, Collision, Rotational dynamics, Elasticity.
		GE	GE1: Mechanics	Elasticity, Special theory of Relativity.
	III	Н	C6: Thermal Physics	Zeroth and First Law of Thermodynamics, Secod law of Thermodynamics, Entropy.
		GE	DSC-3A: Thermal Physics and Statistical Mechanics	Law of thermodynamics
	V	Н	DSE1: Classical Dynamics C12-Lab	Special Theory of Relativity, Fluid Dynamics

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Course distribution even Semester 2022- 2023:

Faculty Name	Semester II H		Paper Code	Unit wise division	
Diganta Konwar	II		C4: Waves and Optics C4-lab	Superposition of Collinear Harmonic Oscillations, Superposition of two perpendicular harmonic oscillations, Wave motion, Velocity of waves, Superposition of two harmonic waves.	
		GE	DSC-2A: Electricity and Magnetism	Electrostatics in Dielectric medium.	
	IV	Н	C10: Analog System and Application C10-Lab	Semiconductor diode, Two terminal devices and their applications, Bipolar junction transistors, Amplifiers, Coupled amplifier, Feedback in amplifiers.	
		GE	DSC-4A: Wave and Optics	Superposition of two collinear harmonic oscillations, Superposition of two perpendicular harmonic oscillations, Wave motion-General.	
Guna Kanta	VI	Н	DSE-3: Nuclear and Particle Physics C13-Lab	General properties of nuclei, Nuclear models, radioactive decay, Nuclear reactions. Particle Physics.	
Guna Kanta Sonowal	11	Н	C3: Electricity and Magnetism C4-Lab	Electric Field and Electric Potential, Dielectri properties of Matter	
		GE	DSC-2A: Electricity and Magnetism	Vector analysis.	
	IV	Н	C8: Mathematical physics-III C9-Lab	Complex Analysis.	
		GE	DSC-4A: Wave and Optics DSC-4A-Lab	Sound	
	VI	I H C13-Electromagnetic Theory C14: Statistical Mechanics		Polarization of electromagnetic waves. Classical statistics, Classical theory of radiation, Quantum theory of radiation.	
Jayanta Sonowal	II	Н	C4: Waves and Optics C3-Lab	Wave optics, Interference, Interferometer, Diffraction, Fraunhofer diffraction	
		GE	DSC-2A: Electricity and Magnetism DSC-2A-Lab	Magnetism	
	IV	Н	C9: Elements of Modern physics C9: Elements of Modern physics C8-Lab	Atomic Nucleus, Radioactivity, Fission and Fusion, Lasers. Sinusoidal oscillations, Operational amplifiers Applications of Op-Amps, Conversion.	
		GE	DSC-4A: Wave and Optics	Wave optics, Interference	
	VI	Н	DSE-4: Nano material	Synthesis of nanostructure materials,	





			and Application DSE-4-Lab	Characterization, Optical properties, Electron transport, applications.
Gitashri Arandhara	II	Н	C3: Electricity and Magnetism C3-Lab	Magnetic Field, Magnetic properties of Matter Electromagnetic Induction
		GE	DSC-2A: Electricity and Magnetism DSC-2A-Lab	Electrostatics
	IV	Н	C9: Elements of Modern physics	Planck's quantum theory, Radiation, Position measurement, Schrödinger equation, Two slit interference experiments with photons, One dimensional rigid box.
		GE	DSC-4A: Wave and Optics	Michelson's interferometer, Polarization.
	VI	Н	C13: Electromagnetic Theory DSE-3: Nuclear and Particle Physics DSE-4: Nano material and Application DSE-4-Lab	Maxwell equation.  Interaction of nuclear radiation with matter, Detector for nuclear radiation.Particle accelerators. Nanoscale system.
Bidyut Bikash Hazarika	II	Н	C3: Electricity and Magnetism C4: Waves and Optics C4-Lab	Electric circuits, Network Theorems, Ballistic Galvanometer. Fresnel diffraction, Holography.
		GE	DSC-2A: Electricity and Magnetism	Electromagnetic induction, Maxwell's equation and electromagnetic wave propagation.
	IV	Н	C8: Mathematical physics-III C9-Lab C10-Lab	Integral Transforms, Laplace transform.
		GE	DSC-4A: Wave and Optics DSC-4A-Lab	Diffraction
	VI	Н	C13: Electromagnetic theory C13-Lab C14: Statistical Mechanics	EM Wave prpogation in unbounded media, EM wave in bounded madia, Optical fibers. Bose-Einstein statistics, Fermi-Dirac statistics.





# **DEPARTMENT OF STATISTICS**

## Course Distribution / Plan for the Session 2022-2023

## Subject: Statistics [CBCS (Honours & GE)]

Sl. No.	Semester	Course /Paper	Title of the Course/Paper [Total Marks: 100 each]	Honours /GE	Theory / Practical	Name of the Faculty
1	Sem I	STAT-C1	Descriptive Statistics	Honours	Theory & Practical	Dr. Ranjana Gogoi
2	Sem I	STAT-C2	Calculus	Honours	Theory	Ms. Bornali Dutta
3	Sem I	STAT-GE1	Statistical Methods	Generic	Theory & Practical	Dr. Ranjana Gogoi
4	Sem II	STAT-C3	Probability and Probability Distributions	Honours	Theory & Practical	Dr. Ranjana Gogoi
5	Sem II	STAT-C4	Algebra	Honours	Theory	Ms. Bornali Dutta
6	Sem II	STAT-GE-02	Introductory Probability	Generic	Theory & Practical	Dr. Ranjana Gogoi
7	Sem III	STAT-C 5	Sampling Distributions	Honours	Theory & Practical	Ms. Bornali Dutta
8	Sem III	STAT-C 6	Survey Sampling and Indian Official Statistics	Honours	Theory &Practical	Dr. Ranjana Gogoi
9	Sem III	STAT-C 7	Mathematical Analysis	Honours	Theory & Practical	Ms. Bornali Dutta
10	Sem III	STAT-GE-03	Sample Survey	Generic	Theory &Practical	Dr. Ranjana Gogoi
4	Sem IV	STAT-C-401	Statistical Inference	Honours	Theory & Practical	Ms. Bornali Dutta
11	Sem IV	STAT-C-402	Linear Models	Honours	Theory & Practical	Dr. Ranjana Gogoi
12	Sem IV	STAT-C-403	Statistical Quality Control	Honours Unit-I, II, III	Theory & Practical	Dr. Ranjana Gogoi
13	Sem IV	STAT-C-403	Statistical Quality Control	Honours	Theory &	Dr. Ranjana Gogoi
14	Sem IV	STAT-GE-04	Basics of Statistical	Generic	Practical Theory &	Bornali Dutta
15	Sem V	STAT-C11	Inference Stochastic Process and Queuing Theory	Honours	Practical Theory & Practical	Ms. Bornali Dutta
16	SemV	STAT-C12	Statistical Computing Using C/C++ Programming	Honours	Theory & Practical	Ms. Bornali Dutta
17	SemV	STAT-DSE-2	Time Series Analysis	Honours	Theory & Practical	Dr Ranjana Gogoi
18	SemV	STAT-DSE-4	Demography and Vital Statistics	Honours	Theory & Practical	Dr Ranjana Gogoi
19	Sem VI	STAT-C 13	Design of Experiments	Honours	Theory & Practical	Ms. Bornali Dutta
20	Sem VI	STAT-C14	Multivariate Analysis and Nonparametric Methods	Honours	Theory & Practical	Ms. Bornali Dutta
21	Sem VI	STAT-DSE-3	Econometrics	Honours	Theory & Practical	Dr. Ranjana Gogoi
22	Sem VI	STAT-DSE 8	Project Work	Honours	Theory & Software	Dr. Ranjana Gogoi Ms. Bornali Dutta





## **DEPARTMENT OF ZOOLOGY**



## DEPARTMENT OF ZOOLOGY GARGAON COLLEGE

ESTD: 1969 Simaluguri - 785686, Sivasagar, Assam E-mail: <u>depttofzoologygargaoncollege@gmail.com</u>

**EVEN SEMESTER (2022-2023)** 

**Course Distribution for the Even Semester 2023** 

Phone: (03772) 252251 www.gargaoncollege.ac.

Phone: (03772) 252251

www.gargaoncollege.ac.in

Dr.Anurag Protim

## DEPARTMENT OF ZOOLOGY GARGAON COLLEGE

ESTD: 1969 Simaluguri - 785686, Sivasagar, Assam E-mail: depttofzoologygargaoncollege@gmail.con Phone: (03772) 252251 www.gargaoncollege.ac.in

Dr.Anurag Protim

Dr.Anurag Protim

Pimily Langthasa Dr.Anurag Protim

Dr.Rashmi Dutta Dr.Rashmi Dutta Pimily Langthasa Pimily Langthasa

Phone: (03772) 252251

www.gargaoncollege.ac.in

		HC	ONOURS	
Semester	Course Title and Code	Unit	Title	Faculty name
2 <sup>nd</sup>	Non-chordates II: Coelomates	Unit 1	Introduction to Coelomates	Dr.Anurag Protim Das
	ZC203T	Unit 2	Annelida	Dr.Anurag Protim Das
		Unit 3	Arthropoda	Dr.Anurag Protim Das
		Unit 4	Onychophora	Dr.Anurag Protim Das
		Unit 5	Mollusca	Dr.Anurag Protim Das
		Unit 6	Echinodermata	Dr.Anurag Protim Das
	Cell Biology	Unit 1	Overview of Cells	Pimily Langthasa
	ZC204T	Unit 2	Plasma Membrane Uni	Pimily Langthasa
		Unit 3	Endomembrane System	Pimily Langthasa
		Unit 4	Mitochondria and Peroxisomes	Pimily Langthasa
		Unit 5	Cytoskeleton	Pimily Langthasa
		Unit 6	Nucleus	Pimily Langthasa
		Unit 7	Cell Division	Manshi Kaushik
		Unit 8	Cell Signaling	Manshi Kaushik
4th	Comparative	Unit 1	Integumentary System	Dr.Anurag Protim Das
	Anatomy of	Unit 2	Skeletal System	Dr.Anurag Protim Das
	Vertebrates	Unit 3	Digestive System	Dr.Anurag Protim Das
	ZC408T	Unit 4	Respiratory System	Dr.Anurag Protim Das
		Unit 5	Circulatory System	Dr.Anurag Protim Das
		Unit 6	Urinogenital System	Dr.Anurag Protim Das
		Unit 7	Nervous System	Dr.Anurag Protim Das
		Unit 8	Sense Organs	Dr.Anurag Protim Das
	Physiology: Life	Unit 1	Physiology of	Pimily Langthasa

ero ve	Simaluguri - 785686, Sivasagar, Assam E-mail: <u>depttofzoologygargaoncollege@gmail.c</u>						
	Coordinating Systems	Unit 3	Nervous System				
	ZC306T	Unit 4	Muscle				
		Unit 5	Reproductive System				
		Unit 6	Endocrine System				
	Fundamentals of	Unit 1	Carbohydrates				
	Biochemistry	Unit 2	Lipids				
	ZC307T	Unit 3	Proteins				
		Unit 4	Nucleic Acids				
		** * *	<b>T</b>				

Unit 5 Enzymes Dr.Rashmi Dutta Molecular Biology Unit 1 Nucleic Acids Pimily Langthasa ZC511T Unit 2 DNA Replication Pimily Langthasa Unit 3 Transcription Pimily Langthasa Unit 4 Translation Pimily Langthasa Pimily Langthasa Unit 5 Post Transcriptional Modifications and Processing of Eukaryotic Unit 6 Gene Regulation Pimily Langthasa Unit 7 DNA Repair Mechanisms Dr.Rashmi Dutta Unit 8 Regulatory RNAs Dr.Rashmi Dutta Principles of Unit 1 Mendelian Genetics and Dr.Rashmi Dutta Genetics its Extension ZC512T Unit 2 Linkage, Crossing Over Dr.Rashmi Dutta and Chromosomal Mapping Unit 3 Mutation Pimily Langthasa Unit 4 Sex Determination Pimily Langthasa Unit 5 Extra-chromosomal Dr.Rashmi Dutta Inheritance Dr.Rashmi Dutta Unit 6 Polygenic Inheritance Unit 7 Recombination in Bacteria Dr.Rashmi Dutta



### DEPARTMENT OF ZOOLOGY GARGAON COLLEGE ESTD: 1969

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		Unit 8	Transposable Genetic Elements	Dr.Rashmi Dutta
	DSE-1: Animal	Unit 1	Introduction	Pimily Langthasa
	Behaviour and	Unit 2	Patterns of Behaviour	Pimily Langthasa
	Chronobiology	Unit 3	Social and Sexual	Dr.Anurag Protim
	ZD501T		Behaviour	Das
		Unit 4	Introduction to	Dr.Anurag Protim
			Chronobiology	Das
		Unit 5	Biological Rhythm	Dr.Anurag Protim
				Das
		Unit 6	Biological Clocks	Dr.Anurag Protim
				Das
	DSE-2: Biology of	Unit 1:	Introduction	Dr.Rashmi Dutta
	Insecta	Unit 2:	Insect Taxonomy	Dr.Rashmi Dutta
	ZD606T	Unit 3.	General Morphology of	Dr.Rashmi Dutta
			Insects	
		Unit 4.	Physiology of Insects	Dr.Rashmi Dutta
		Unit 5.	Insect Society	Dr.Rashmi Dutta
		Unit 6.	Insect Plant Interaction	Dr.Anurag Protim
				Das
		Unit 7.	Insects as vectors	Dr.Anurag Protim
				Das
		GI	ENERIC	
Semester	Core course I	Unit	Title	Faculty name
1 <sup>st</sup>	Animal Diversity	Unit 1	Protista	Pimily Langthasa
	GEII	Unit 2	Porifera	Pimily Langthasa
		Unit 3	Radiata	Pimily Langthasa
		Unit 4	Aceolomates	Pimily Langthasa
		Unit 5	Pseudo-coelomates	Pimily Langthasa
		Unit 6	Coelomate Protostomes	Pimily Langthasa
		Unit 7	Arthropoda	Dr.Rashmi Dutta
		Unit 8	Mollusca	Dr.Rashmi Dutta
		Unit 9	Coelomate Deuterostomes	Dr.Rashmi Dutta
		Unit 10	Proto-chordata	Dr.Rashmi Dutta
	1			

Unit 11 Pisces



## DEPARTMENT OF ZOOLOGY GARGAON COLLEGE ESTD: 1969

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				Das
		Unit 12	Amphibia	Dr.Anurag Protim
				Das
		Unit 13	Amniotes	Dr.Anurag Protim
				Das
		Unit 14	Aves	Dr.Anurag Protim
				Das
		Unit 15	Mammalia	Dr.Anurag Protim
				Das
3 <sup>rd</sup>	Human Physiology	Unit 1	Digestion and Absorption	Dr.Rashmi Dutta
	GEVII		of Food	
		Unit 2	Functioning of Excitable	Pimily Langthasa
			Tissue (Nerve and	
			Muscle)	
		Unit 3	Respiratory Physiology	Dr.Rashmi Dutta
		Unit 4	Renal Physiology	Pimily Langthasa
		Unit 5	Cardio-vascular	Dr.Rashmi Dutta
			Physiology	
		Unit 6	Endocrine and	Dr. Anurag Protim
			Reproductive Physiology	Das



(Dr. Rina Handique) Head, Department of Zoology Gargaon College Simaluguri-785686



## **DEPARTMENT OF ZOOLOGY**

## DEPARTMENT OF ZOOLOGY GARGAON COLLEGE

ESTD: 1969 Simaluguri - 785686, Sivasagar, Assam E-mail: depttofzoologygargaoncollege@gmail.com

Phone: (03772) 252251 www.gargaoncollege.ac.

## DEPARTMENT OF ZOOLOGY

GARGAON COLLEGE ESTD: 1969 Simaluguri - 785686, Sivasagar, Assam

E-mail: depttofzoologygargaoncollege@gmail.com

	Sustaining Systems		Digestion	
	ZC409T	Unit 2	Physiology of Respiration	Pimily Langthasa
		Unit 3	Renal Physiology	Pimily Langthasa
		Unit 4	Blood	Manshi Kaushik
		Unit 5	Physiology of Heart	Dr.Rina Handique
	Biochemistry of	Unit 1	Overview of	Dr.Anurag Protim Das
	Metabolic Processes		Metabolism	
	ZC4010T	Unit 2	Carbohydrate	Manshi Kaushik
			Metabolism	
		Unit 3	Lipid Metabolism	Manshi Kaushik
		Unit 4	Protein Metabolism	Pimily Langthasa
		Unit 5	Oxidative	Pimily Langthasa
			Phosphorylation	
6th	Developmental	Unit 1	Introduction	Pimily Langthasa
	Biology	Unit 2	Early Embryonic	Pimily Langthasa
	ZC613T		Development	
		Unit 3	Late Embryonic	Pimily Langthasa
			Development	
		Unit 4	Post Embryonic	Pimily Langthasa
			Development	
		Unit 5	Implications of	Pimily Langthasa
			Developmental Biology	
	Evolutionary	Unit 1	Life's Beginnings	Dr.Anurag Protim Das
	Biology	Unit 2	Historical review of	Dr.Anurag Protim Das
	ZC614T		evolutionary concept	
		Unit 3	Evidences of Evolution	Dr.Anurag Protim Das
		Unit 4	Sources of variations	Dr.Anurag Protim Das
		Unit 5	Basic concept of	Manshi Kaushik
			Population genetics	
		Unit 6	Product of evolution	Manshi Kaushik
		Unit 7	Extinctions	Manshi Kaushik
		TT 1. 0	Origin and evolution of	Manshi Kaushik
		Unit 8	man	Manshi Kaushik

EVEN SEMESTER (2022-2023)

Course Distribution for the Even Semester 2023

	Unit Wise Di		n (Even Semester, 2022-20 DNOURS	023)
Semester	Course Title and Code	Unit	Title	Faculty name
2 <sup>nd</sup>	Non-chordates II: Coelomates	Unit 1	Introduction to Coelomates	Dr.Anurag Protim Das
	ZC203T	Unit 2	Annelida	Dr.Anurag Protim Das
		Unit 3	Arthropoda	Dr.Anurag Protim Das
		Unit 4	Onychophora	Dr.Anurag Protim Das
		Unit 5	Mollusca	Dr.Anurag Protim Das
		Unit 6	Echinodermata	Dr.Anurag Protim Das
	Cell Biology	Unit 1	Overview of Cells	Pimily Langthasa
	ZC204T	Unit 2	Plasma Membrane Uni	Pimily Langthasa
		Unit 3	Endomembrane System	Pimily Langthasa
		Unit 4	Mitochondria and	Pimily Langthasa
			Peroxisomes	
		Unit 5	Cytoskeleton	Pimily Langthasa
		Unit 6	Nucleus	Pimily Langthasa
		Unit 7	Cell Division	Manshi Kaushik
		Unit 8	Cell Signaling	Manshi Kaushik
4th	Comparative	Unit 1	Integumentary System	Dr.Anurag Protim Das
	Anatomy of	Unit 2	Skeletal System	Dr.Anurag Protim Das
	Vertebrates	Unit 3	Digestive System	Dr.Anurag Protim Das
	ZC408T	Unit 4	Respiratory System	Dr.Anurag Protim Das
		Unit 5	Circulatory System	Dr.Anurag Protim Das
		Unit 6	Urinogenital System	Dr.Anurag Protim Das
		Unit 7	Nervous System	Dr.Anurag Protim Das
		Unit 8	Sense Organs	Dr.Anurag Protim Das
	Physiology: Life	Unit 1	Physiology of	Pimily Langthasa

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	Immunology	Unit 1	Overview of Immune	Manshi Kaushik
	ZD608T	Unit 2	System Innate and Adaptive	Manshi Kaushik
		Onit 2	Immunity	Mansin Kausink
		Unit 3	Antigens	Manshi Kaushik
		Unit 4	Immunoglobulins	Manshi Kaushik
		Unit 5	Major	Manshi Kaushik
		0	Histocompatibility	
			Complex	
		Unit 6	Cytokines	Manshi Kaushik
		Unit 7	Complement System	Manshi Kaushik
		Unit 8	Vaccines	Manshi Kaushik
	Fish and Fisheries	Unit 1:	Introduction and	Dr.Anurag Protim Das
	ZD607T		Classification	
		Unit 2:	Morphology and	Dr.Anurag Protim Das
			Physiology	
		Unit 3.	Fisheries	Dr.Anurag Protim Das
		Unit 4.	Aquaculture	Dr.Rina Handique
		Unit 5	Fish in research	Dr.Anurag Protim Das
GENERIC				
Semester	Course Title and	Unit	Title	Faculty name
1	Code			
2 <sup>nd</sup>	Insect Vectors And	Unit 1	Introduction to Insects	Pimily Langthasa
	Diseases	Unit 2	Concept of Vectors	Pimily Langthasa
	GE VIII	Unit 3	Insects as Vectors	Dr.Anurag Protim Das
		Unit 4	Dipteran as Disease Vectors	Dr.Anurag Protim Das
		Unit 5	Siphonaptera as	Dr.Anurag Protim Das
		** ** *	Disease Vectors	D 1 D 1 D
		Unit 6	Siphunculata as	Dr.Anurag Protim Das
		**	Disease Vectors Hempitera as Disease	Dr.Anurag Protim Das
				Dr. Anurag Protim Das
		Unit 7		
4 <sup>th</sup>	Environment And	Unit 7	Vectors Introduction	Dr.Anurag Protim Das



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GE IV Unit 3 Pollution Pimily Langthasa Unit 4 Waste Management Pimily Langthasa Technologies Unit 5 Diseases Dr.Anurag Protim Das



(Dr. Rina Handique) Head, Department of Zoology Gargaon College Simaluguri-785686

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