

TEACHING PLAN
DEPARTMENT OF BOTANY
GARGAON COLLEGE
JULY 2023-JUNE 2024



Teaching Plan (Session: 2023-24) (Odd Semester, Aug-Dec, 2023)

Name of the Teacher: Dr. Dimbeshwar Das

Teaching Plan

Name of the Teacher: Dr. Dimbeshwar Das; Designation: Assistant Professor; Session: Aug - Dec 2023

SI, No.	Semester	Subject	Stream	Paper Code	Unit	Duration	Number of students	Teaching Methodololgy	Work Lated	COL Learning Outcome
		Algae, Fungi, Bryophytes & Pteridophytes	MAJOR	BOT CI	Unit 1: Introduction to Algae	AUG - DEC 23	41		3 Hrs/Week	To provide knowledge to the students on various forms of
		rtendopnytes		55101	Unit 3: Bryophytes	A00-DEC 23	-"	Lecture Method, Audio- Visual Aids, Practical based	3 Hrs/Week	algae, fungi, bryophytes and
		Algae, Fungi, Bryophytes & Pteridophytes	MINOR	MINBOTI	Unit 1: Introduction to Algae	AUG - DEC 23	53	classes, Student Seminars, Class tests and Filed Trips	4 Hrs/Week	pteridophytes - their characteristics, mode of
		Frendophytes			Unit 3: Bryophytes	A00-DEC 23	33		4 HIS Week	reproduction and economic importance.
1	I (FYUGP)	Health and Wellness	MAJOR	VAC2	Unit 1: Introduction to Health & Wellness Unit 2: Mind – Body and Well-Being	AUG - DEC 23	130	Lecture Method, Audio- Visual Aids, Group Discussion, Debate and Class tests	2 Hr/Week	To introduce the learners to the concept of health and wellness and its relevance in daily life. To introduce the learners to the relation between mindbody and its relevance. To introduce learners to health behavior and promotion of human strengths for wellbeing.
		SEC: Mushroom Culture Technology	MAJOR	SEC119	Unit 1: Introduction Unit2: Cultivation Technology Unit 3: Storage Practical	AUG - DEC 23	20	Lecture Method, Audio- Visual Aids, Practical based classes, Student Seminars, Class tests and Filed Trips	1 Hr/Week	To provide knowledge to the students on Mushroomcultivation, production and processing techniques.
		GEC: Natural Resource Management	MAJOR	GECBOTI	Unit 1: Natural resources Unit 4: Contemporary practices in resource management	AUG - DEC 23	10	Lecture Method, Audio- Visual Aids, Debate and Class tests	1 Hr/Week	To provide knowledge to the students on importance, sustainable utilization, conservation and management of natural resources

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					Unit 1: Mendelism Genetics and its Extension			distribution of	100	
	480				Unit 2: Extrachromosomal Inheritance			Lecture Method, Audio- Visual Aids, Practical based		To impart knowledge of the
		Genetics	HONS.	C7	Unit 3: Linkage, Crossing Over and chromosome mapping	AUG - DEC 23	25	classes, Student Seminars, Class tests and Filed Trips	10 Hrs/Week	principles of heredity and different mechanisms of inheritance
2	ш				Unit 4: Variation in chromosome number and structure					vermicompost and the Economic importance of vermiculture. The students will be able to produce good
					Unit 1: Introduction to vermiculture			Lecture Method, Audio-		
		Basics of Vermicomposting	HONS.	SEC 1.1	Unit 2: The species of earthworms	AUG - DEC 23	20	Visual Aids, Practical based	sual Aids, Practical based 1 Hr/Week	
				Unit 3: Biology of earthworms	classes and Filed Trips		quality of Vermicompost and Vermiculture. Acquire skills for entrepreneurship			
					Unit 1: Imaging and related techniques	7 3				
					Unit 2: Cell fractionation	1			L	
	North	Analytical Techniques in Plant			Unit 3: Radioisotopes			Lecture Method, Audio-	1000	To expose the students to
3	v	Sciences	HONS.	DSE 1	Unit 4: Spectrophotometry	AUG - DEC 23	25	Visual Aids, Practical based classes, Student Seminars.	13 Hrs/Week	different techniques which can
					Unit 5: Chromatography			Class tests and Filed Trips		be used to study different
				1,000	Unit 6: Characterization of	All the spillings		chass tests and Filed 111ps		Biological processes
-1	September 1		H14		proteins and nucleic acids					
				1	Unit 7: Biostatistics			Manager and the second	2000	



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Name of the Teacher: Sangeeta Chetia

Teaching Plan

Name of the Teacher: Mrs. Sangeeta Chetia; Designation: Assistant Professor; Session: Aug - Dec 2023

SI. No.	Semester	Subject	Stream	Paper Code	Unit	Duration	Number of students	Teaching Methodololgy	Work Laod	Learning Outcome	
		Algae, Fungi, Bryophytes & Pteridophytes	MAJOR	BOT CI	Unit 2. Introduction to fungi, Lichen, Study of major divisions of fungi, Economic importance of fungi	AUG - DEC 23	41	Lecture Method, Audio- Visual Aids, Practical based	3 Hrs/Week	To provide knowledge to the students on various forms of algae, fungi, bryophytes and	
1	I (FYUGP)	Algae, Fungi, Bryophytes & Pteridophytes	MINOR	MINBOTI	Unit 2. Introduction to fungi, Lichen, Study of major divisions of fungi, Economic importance of fungi	AUG - DEC 23	53	classes, Student Seminars, Class tests and Filed Trips	2 Hrs/Week	pteridophytes - their characteristics, mode of reproduction and economic importance.	
		GEC: Natural Resource Management	MAJOR		Unit 2: Sustainable utilization of land and water resources	AUG - DEC 23	10	Lecture Method, Audio- Visual Aids, Debate and Class tests	4 Hrs/Week	To provide knowledge to the students on importance, sustainable utilization, conservation and management of natural resources	
					Unit 1: Introduction and scope of Plant Anatomy			Lecture Method, Audio-		To expose the students on the	
84		Anatomy of Angiosperms	HONS.	CS	Unit 2: Structure and development of plant body	AUG - DEC 23		Visual Aids, Practical based classes, Student Seminars, Class tests and Filed Trips		structural and anatomical organisations of plant tissues	
	1				Unit 3: Tissues Unit 1: Origin of cultivated			Class tests and Filed Trips		and their development	
					Plants						
					Unit 2: Cereals						
					Unit 3: Legumes				N 8		
					Unit 4: Sources of sugar and starches				9 Hrs/Week		
	- 1				Unit 5: Spices			Lecture Method, Audio-	y Hrs/Week		
- 1		Economic Botany	HONS	C6	Unit 6: Beverages	AUG DECA	8			To expose the students on	
2	m	_ 1	THE DOLLARY HUNS C 0	Unit 7: Sources of oils and	AUG - DEC 23	23 34	34 Visual Aids, Practical based classes, Student Seminars, Class tests and Filed Trips		various economically importan		

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					Unit 8: Natural rubber		18	9 4		
	1 8	100			Unit 9: Drug yielding plants		li de la companione de		10	
	100 mg			1200	Unit 10: Timber plants				1	
					Unit 11: Fibres					Charles .
					Unit 12: Aromatic and Petrocrops					
	100			17-7-8	Unit 3: Secondary Growth		re el			
					Unit 4: Adaptive and protective systems			Lecture Method, Audio-		To expose the students to th
		Plant Anatomy and Embryolog	GE	GE 3	Unit 7: Embryo and endosperm	AUG - DEC 23	10	Visual Aids, Practical based classes, Student Seminars,	5 Hrs/Week	types of plant tissues their arrangement and also to plant reproduction
		Plant Anatomy and Embryolog			Unit 8: Apomixis and polyembryony			Class tests and Filed Trips		representation
					Unit 1 Plant water relations					
81					Unit 2: Mineral nutrtion	1				
- 71	1 1				Unit 3: Nutrient uptake					
				hos	Unit 4: Translocation in the phloem			Lecture Method, Audio-		
3	v	Plant Physiology	HONS.	C 12	Unit 5: Plant Growth	AUG - DEC 23	25	Visual Aids, Practical based		To expose the students to
	1				regulators	ACG-DEC 25	23	classes, Student Seminars,	9 Hrs/Week	different physiological
					Unit 6: Physiology of flowering			Class tests and Filed Trips		processes in plant life
					Unit 7: Phytochromes, Cryptochromes and phototropins					



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Name of the Teacher: Sandeepa Agarwalla

Teaching Plan

Name of the Teacher: Miss Sandeepa Agarwalla; Designation: Assistant Professor; Session: Aug - Dec 2023

SL No.	Semester	Subject	Stream	Paper Code	Unit	Duration	Number of students	Teaching Methodololgy	Work Laod	Learning Outcome
		Algae, Fungi, Bryophytes & Pteridophytes	MAJOR	вотсі	Unit 4: Pteridophytes, Ecological and economic importance	AUG - DEC 23	41	Lecture Method, Audio- Visual Aids, Practical based	3 Hrs/Week	To provide knowledge to the students on various forms of algae, fungi, bryophytes and
1	1 (FYUGP)	Algae, Fungi, Bryophytes & Pteridophytes	MINOR	MINBOTI	Unit 4: Pteridophytes, Ecological and economic importance	AUG - DEC 23	53	classes, Student Seminars, Class tests and Filed Trips	2 Hrs/Week	pteridophytes - their characteristics, mode of reproduction and economic importance.
		GEC: Natural Resource Management	MAJOR	GECBOT1	Unit 3: Forests: Definition, Significance; Types of vegetation in India	AUG - DEC 23	10	Lecture Method, Audio- Visual Aids, Debate and Class tests	2 Hrs/Week	To provide knowledge to the students on importance, sustainable utilization, conservation and managemen of natural resources
		Anatomy of Angiosperms			Unit 4: Apical Meristem					
			HONS.		Unit 5: Vascular cambium and Wood	AUG - DEC 23	34	Lecture Method, Audio-	To expose the students on the structural and anatomical	
			8		Unit 6: Adaptive and Protective system					organisations of plant tissues and their development
					Unit 5: Fine Structure of Gene			classes, Student Seminars, Class tests and Filed Trips	9 Hrs/Week	To impart knowledge of the
.		Genetics	HONS.	C7	Unit 6: Gene Mutations	AUG - DEC 23	34	the state of the s		principles of heredity and
2	"				Unit 7: Population and Evolutionary Genetics			(8)	Refer to	different mechanisms of inheritance
					Unit 1: Meristematic and permanent tissues					
- 1					Unit 2: Organs			Lecture Method, Audio-	l	To expose the students to the
- 1		Plant Anatomy and Embryolog	GE		Unit 5: Structural	AUG - DEC 23	34	Visual Aids, Practical based	4 Hrs/Week	types of plant tissues their
- 1					organization of flowers			Classes, Student Seminars,		arrangement and also to plant
- 1	1 1					Unit 6: Pollination and fertilization	l	reproduction		

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					Unit 1: Introduction		2			
	1	Land of the land o			Unit 2: Reproductive development					
		e roductive Biology of Angiospe	HONS.	C 11	Unit 3: Anther and Pollen Biology	AUG - DEC 23	25	Lecture Method, Audio- Visual Aids, Practical based classes, Student Seminars,		To expose the students to the process and mechanisms of
	45.75	-rms			Unit 4: Ovule			Class tests and Filed Trips		plant reproduction.
					Unit 5: Pollination and fertilization			Class tests and Filed Trips		
, 1	100	distance in the second	MP- 10		Unit 6: Self incompatibility					
3	v	Contract to the second			Unit 1: Introduction to Bioinformatics			- 10 ATOM - 10 ATOM -	11 Hrs/Week	
	-				Unit 2: Databases in Bioinformatics				Hair a	
		Bioinformatics	HONS.	ONS. DSE 2	Unit 3: Biological Sequence Databases	AUG - DEC 23	25	Lecture Method, Audio- Visual Aids, Practical based classes, Student Seminars and Class tests		To expose the students to the application of computation tools in solving Biological problems
		Soundernates H	110110		Unit 4: Sequence Alignments	AUG-DEC 23				
				A Control of the Debut	Unit 5: Molecular Phylogeny	Marion,		MANUEL STREET		
	Parties.				Unit 6: Applications of Bioinformatics					



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Teaching Plan (Session: 2023-24) (Even Semester, Jan-May, 2024)

Name of the Teacher: Dr. Dimbeshwar Das

Teaching Plan

Name of the Teacher: Dr. Dimbeshwar Das; Designation: Assistant Professor; Session: JAN - MAY 2024

SI. No.	Semester	Subject	Stream	Paper Code	Unit	Duration	Number of students	Teaching Methodology	Work Foad	Learning Outcome
		Morphology and			Unit 1: Gymnosperm; Fossil plants:			Lecture Method, Audio-Visual Aids, Practical based classes,		To provide knowledge to the students on
		Reproduction of Spermatopythes	MAJOR	вотс2	Unit 2: Morphology of Angiosperms	JAN - MAY 2024	26	Student Seminars, Class tests and Filed Trips	3 Hrs/Week	Gymnosperms and Angiosperms with their morphology, mode of
		Morphology and			Unit 1: Gymnosperm; Fossil plants:			Lecture Method, Audio-Visual Aids, Practical based classes,	2 Hrs/Week	reproduction, patterns of embryo development and economic and
		Reproduction of Spermatopythes	MINOR	MINBOTC2	Unit 2: Morphology of Angiosperms	JAN - MAY 2024	34	Student Seminars and Class tests	2 His week	ecological importance.
	II (FYUGP)	GEC; Plant	MAJOR	GECBOT2	Unit 1: Plant diversity and its scope; Values and uses of Biodiversity	JAN - MAY 2024	8	Lecture Method, Audio-Visual Aids,	3 Hrs/Week	To provide knowledge to the students on biodiversity and its
1		Human Welfare	arrand min	OLCOO!	Unit 2: Loss of Biodiversity; Management of Plant Biodiversity		Debate and Class tests		importance for human welfare.	
				30.	Unit 1: Introduction to Orchids.			Lecture Method,		To provide knowledge to the students on
		SEC: Conservation			Unit 2:Common and endemic	JAN - MAY 2024	26	Audio-Visual Aids, Practical based classes,	3 Hrs/Week	Orchid diversity with special reference to NE
		and Cultivation of Orchids	MAJOR	SEC219	Unit 3: Propagation of Orchids	JAN - MAT 2024	20	Student Seminars, Class tests and Filed	3 rus week	India, Cultivation, Propagation and
					Unit 4:Conservation of Orchids and Practical			Trips		conservation techniques
		VAC: Environemntal	MAJOR	0.00	Unit 1 : The Multidisciplinary nature of environmental studies	JAN - MAY 2024	150	I Verbed		Able to critically examine all sides of environmental issues.
		Science	MADOK	, nes	Unit 2 : Natural Resources]	1.00	Lecture Method, Audio-Visual Aids,		2. Able to recognize the
	1				Unit 3: Ecosystems			Debate and Class tests	2 Hrs/Week	physical, chemical, an

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								8074	WA WA											
ı					Unit 4: Biodiversity and its conservation			100	1 Jan	biological components of the earth's systems and show how they										
					Unit 5: Environmental Pollution			A STATE OF THE STA	3 10	function. 3. Able to do										
					Unit 6: Social Issues and the Environment			A STATE OF	ONROLO	independent research on human interactions with the environment.										
					Unit 7: Human Population and the Environment			-	-520	with the crivironinent.										
					Unit 1: Nucleic Acids: Carriers of genetic information			Lecture Method, Audio-Visual Aids, Practical based classes,		To impart knowledge of the principles of										
		Molecular Biology	HONS.	C8	Unit 2: The structure of DNA and RNA	JAN - MAY 2024	32	Student Seminars, Class tests and Filed		heredity and different mechanisms of										
					Unit 3: The replication of DNA			Trips		inheritance										
		Plant Systematics			Unit 1: Significance of Plant systematics			- 100												
						Unit 2: Taxonomic hierarchy				10										
						Unit 3: Morphology and Botanical nomenclature			Lecture Method, Audio-Visual Aids.	Hrs/Week	To expose the student									
2	IV		HONS.	C 10	Unit 4: Systems of classification	JAN - MAY 2024	32	Practical based classes, Student Seminars,		to identification, classification and										
			Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics	Plant Systematics			Unit 5: Biometrics, numerical taxonomy and cladistics			Class tests and Filed Trips	
					Unit 6: Phylogeny of Angiosperms															
					Unit 7: Major families of Angiosperms															
		Vermicompost			Unit 1: Small scale Vermicomposting			Lecture Method, Audio-Visual Aids.		To impart knowledge of the vermicompost and the Economic										
		Technology (SEC)	HONS.	SEC 1.2	Unit 2: Nutritional composition of vermicompost	JAN - MAY 2024	20	Practical based classes and Filed Trips	I Hr/Wek	importance of vermiculture. The students will be able t										

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					Unit 3: Identification of Earthworms, Prepartion, pakaging of vermicompost			8		produce good quality of Vermicompost and Vermiculture. Acquire skills for entrepreneurship
		Plant	HOME		Unit 1: Plant Tissue Culture	JAN - MAY 2024	25	Lecture Method, Audio-Visual Aids,		To expose the students to application of
		Biotechnology	HONS.	C 14	Unit 5: Applications of Biotechnology	JAN - MAT 2024		Practical based classes and Filed Trips		modern tools and techniques in Biology
					Unit 1: Plant Breeding	To read				
					Unit 2: Methods of crop improvement			Lecture Method.		To expose the students
		Plant Breeding	HONS.	DSE 3	Unit 3: Quantitative inheritance	JAN - MAY 2024	25	Audio-Visual Aids, Practical based classes		to different methods of plant improvement and
3	VI				Unit 4: Inbreeding depression and heterosis	8 6		and Filed Trips	10 Hrs/Week	breeding techniques.
					Unit 5: Crop improvement and breeding			Transport of the last		
					Unit 1: Biostatistics	PARKSON STATES				
		Biostatistics			Unit 2: Collection of data primary and secondary			Lecture Method, ICT		To expose the students
			HONS.	DSE 4	Unit 3: Measures of central tendency	JAN - MAY 2024	25	Tools and Practical based classes		to different statistical tools for Biological
					Unit 4: Correlation	Asses 3		1000		data analysis
					Unit 5: Statistical inference					

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Name of the Teacher: Sangeeta Chetia

Teaching Plan

Name of the Teacher, Mrs. Samoeta Chetia - Decimation: Assistant Professor, Session: JAN - MAY 2024

SI. No.	Semester	Subject	Stream	Paper Code	Unit	Duration	Number of students	Teaching Methodology	Work Load	Learning Outcome
		Morphology and Reproduction of Spermatophytes	MAJOR	вотс2	Unit 4: Pollination, fertilization and post fertilization developments	JAN - MAY 2024	26	Lecture Method, Audio-Visual Aids, Practical based classes, Student Seminars, Class tests and Filed Trips	2 Hrs/Weck	To provide knowledge to the students on Gymnosperms and Angiosperms with their morphology, mode of
1	II (FYUGP)	Morphology and Reproduction of Spermatophytes	MINOR	MINBOT2	Unit 4: Pollination, fertilization and post fertilization developments	JAN - MAY 2024	34	Lecture Method, Audio-Visual Aids, Practical based classes, Student Seminars and Class tests	2 Hrs/Week	reproduction, patterns of embryo development and economic and ecological importance.
		GEC: Plant Diversity and Human Welfare	MAJOR	GECBOT2	Unit 3: Conservation of Biodiversity	JAN - MAY 2024	8	Lecture Method, Audio-Visual Aids, Debate and Class tests	2 Hrs/Week	To provide knowledge to the students on biodiversity and its importance for human welfare.
	100000000000000000000000000000000000000		GO-Y-TO	Politica Mariana	Unit 1: Introduction			Lecture Method,		To expose the students to interaction of plant with its surroundings and also the geographic distribution of different plants.
	li nosti.	n . n	12.00		Unit 2: Soil		1000			
		Plant Ecology & Phytogeography	HONS.	С9	Unit 4: Population Ecology	JAN - MAY 2024	4 32	Audio-Visual Aids, Practical based classes, Student Seminars, Class tests and Filed Trips	7 Hrs/Week	
	P				Unit 1: Introduction	100	- 60		1	
2					Unit 2: Ecological factors			Lecture Method,		To expose the students to
		Plant Ecology and	Ecology and GE GE	GE 4	Unit 3: Plant communities	JAN - MAY 2024	11	Audio-Visual Aids, Practical based	4 Hrs/Week	interaction of plant life with the surroundings and
		Taxonomy	0.0	021	Unit 9: Taxonomic hierarchy	27111-11171 2024	**	classes, Student Seminars and Class	4 rus week	also to identification, classification and nomenclature of plants
88.6		2	5		Unit 10: Botanical			tests		nomenciature or piants

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					Unit 11: Classification					
					Unit 1: Concept of metabolism			Lecture Method, Audio-Visual Aids,		To expose the students to
3	VI	Plant Metabolism	HONS.	C 13	Unit 2: Carbon assimilation	JAN - MAY 2024	26	Practical based classes, Student Seminars and Class	14 Hrs/Week	various metabolic processes involved with plant life
		The same			Unit 3: Carbohydrate metabolism			tests		pian nie
	la constitution of the con				Unit 4: Carbon Oxidation					Last and the second second

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Name of the Teacher: Sandeepa Agarwalla

Teaching Plan

Name of the Teacher: Miss Sandeepa Agarwalla; Designation: Assistant Professor Session: JAN - MAY 2024

SI. No.	Semester	Subject	Stream	Paper Code	Unit	Duration	Number of students	Teaching Methodology	Work Load	Learning Outcome
		Morphology and Reproduction of Spermatopythes	MAJOR	вотс2	Unit 3: Anther and pollen biology and Ovule	JAN - MAY 2024	26	Lecture Method, Audio-Visual Aids, Practical based classes, Student Seminars, Class tests and Filed Trips	2 Hrs/Week	To provide knowledge to the students on Gymnosperms and Angiosperms with their
1	II (FYUGP)	Morphology and Reproduction of Spermatopythes	MINOR	MINBOTC2	Unit 3: Anther and pollen biology and Ovule	JAN - MAY 2024	34	Lecture Method, Audio-Visual Aids, Practical based classes, Student Seminars and Class tests	2 Hrs/Week	morphology, mode of reproduction, patterns of embryo development and economic and ecological importance.
		GEC: Plant Diversity and Human Welfare	MAJOR	GECBOT2	Unit 4: Role of plants in relation to Human Welfare	JAN - MAY 2024	8	Lecture Method, Audio-Visual Aids, Debate and Class tests	4 Hrs/Week	To provide knowledge to the students on biodiversity and its importance for human welfare.
					Unit 4: Central Dogma and Genetic Code			Lecture Method,	,	To impart knowledge of
		Molecular Biology	HONS.	C8	Unit 5: Transcription		100	Audio-Visual Aids, Practical based		the principles of heredity
		Molecular Biology	HONS.	C8	Unit 6: Processing and modification of RNA	JAN - MAY 2024	32	classes, Student Seminars, Class tests		and different mechanisms of
- 1					Unit 7: Translation			and Filed Trips		inheritance
2					Unit 3: Biotic Interaction			Lecture Method.	9 Hrs/Week	
		Plant Ecology & Phytogeography	HONS.	C9	Unit 5: Plant Communities			Audio-Visual Aids, Practical based	9	To expose the students to different physiological
			HUNS.	Cy	Unit 6: Ecosystem: Structure and Function	JAN - MAY 2024	32	classes, Student Seminars and Class		processes metabolic processes involved with
					Unit 7: Phytogeography		P 10	tests		plant life
		Plant Ecology and Taxonomy	GE		Unit 4: Ecosystem Unit 5: Phytogeography	JAN - MAY 2024	11	Lecture Method, Audio-Visual Aids,	4 Hrs/Week	To expose the students to interaction of plant life

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			Unit 6: Introduction to plant taxonomy			Practical based classes, Student Seminars and Class		with the surroundings and also to identification,		
					Unit 7: Identification Unit 8: Taxonomic			tests		classification and nomenclature of plants
					evidences from palynology, cytology, phytochemistry and molecular data					
					Unit 12: Biometrics, Numerical taxonomy and cladistics					
3	VI	Plant Metabolism	HONS.	C 13	Unit 5: ATP-Synthesis	JAN - MAY 2024	26	Lecture Method, Audio-Visual Aids, Practical based classes, Student Seminars and Class tests	9 Hrs/Week	To expose the students to various metabolic processes involved with plant life
					Unit 6: Lipid metabolism					
					Unit 7: Nitrogen metabolism					
					Unit 8: Mechanisms of signal transduction					
		Plant Biotechnology	HONS.	C 14	Unit 2: Recombinant DNA technology	JAN - MAY 2024	26	Lecture Method, Audio-Visual Aids, Practical based classes and Filed Trips		To expose the students to application of modern tools and techniques in Biology
					Unit 3: Gene Cloning					
					Unit 4: Methods of gene transfer					

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