RAJEEV GANDHI GOVT. P.G. COLEGE AMBIKAPUR (C.G.) DEPARTMENT OF BOTANY

B.Sc. Botany

Programme Name	Sem.	Course Name And Code	Description	GE	HV	Env. & Sust. Dev.	PE	Any Other Issue	Link
B.Sc.	Ι	Bacteria	<u>1. Microbial Biotechnology:</u> Through the topic we try			\checkmark			
Botany		Viruses Fungi,	to explain the role of microbe and biotechnology in						
		Lichen and	field of crop productivity. We also focus the ethics and						
		Algae	values involved in technology.						
		(UD3BOT101)	2. Microbial disease: Through the topic we explain						
			the different disease, with the help of symptoms along					(Health	
			with their management.					issue)	
			3. Economic Importance of Microbes: We teach the	\checkmark				\checkmark	
			students about the gender wise employment						
			opportunities in microbial Industry. We also focus the						
			role of women in mushroom cultivation.						
			4. BGA in Nitrogen Economy of Soil: We make the						
			student to understand soil reclamation process through						
			BGA.						

II	Bryophytes,	1. Characters and classification of Bryophytes,		\checkmark		
	Pteridophytes,	Pteridophytes and Gymnosperms: We try to explain				
	Gymnosperm	the diversity present in our environment along with the				
	and	need to preserve and promote them.				
	Palaeobotany	2. Economic Importance of Gymnosperms,				
	(UD3BOT201)	Pteridophytes and Bryophytes: We try to explain the			(Un-	
		diverse branches of botany to work with. We also			employ	
		focus the role of men and women's in different field of			ment	
		Botany.			issue)	
		3. Geological time scale and fossils: We make the				
		student to understand the evolutionary tendencies and				
		ethical value need to be taken care while dealing with				
		environments.				
III	Plant	1. Taxonomical Herbarium and Garden: Through				
	Taxonomy,	the topic we explain the role of botanical garden and			(Social	
	Economic	herbarium in science and society.			issue)	
	Botany Plant	2. Economic Botany: We try to explain the		\checkmark		
	Anatomy and	importance of crop produce. We equally focus on the				
	Embryology	role of men and women in crop cultivation.				
	(UD3BOT301)					

		3. Crop productivity and Parthenocarpy: we			
		explain the essence and role of man values while			(Food
		focusing the improved crop productivity to achieve			security
		food security.			
IV	Ecology and	<u>1. Ecology and Environment:</u> Through the topic we		 	
	Plant	explain the factor of ecology and urgent need to restore			
	Physiology	and presence them.			
	(UD3BOT401)	2. Population and community: We explain the	 		
		character of population and population interaction.			(Social
					issues)
		3. Biogeochemical cycle and Plant water relation:			
		Through the topic we explain the role of minerals and			(Health
		water in ecosystem. We also focus on to the disease			issue)
		involved with mineral and water and management.			
		4. Photosynthesis and Plant Hormone: We explain			
		the role of hormones needs to achieve the healthy			(Health
		growth of plants. We also focus on the different aspect			issue)
		of positive and negative hormones.			

V	Analytical	<u>1. Instrumentation:</u> We teach the students about the			
	technology,	application of different biological instruments. We			(Risk
	Plant	primarily focus on the precautions and values need to			issue)
	pathology,	be taken care of while dealing with the instruments.			
	Experimental	2. Plant Pathology: We discuss with the students			\checkmark
	embryology,	about different plant disease and their control.			(Health
	Elementary				issue)
	Biostatistics,	3. Biodiversity and Pollution: Through the topic we	 		
	Environmental	try to explain the pros and cons of Biodiversity as well			(Social
	pollution and	as problems created by the Pollutants. We primarily			issue)
	conservation	focus on the role of society in biodiversity enrichment			
	(UD3BOT501)	and in tackling the problem of pollution e.g., SHG.			
		<u>4. Biostatistics:</u> We try to explain the role of bio-stats		\checkmark	
		in research. We primarily focus on the ethics and			
		values need to be taken care of while using stats in			
		data calculation.			
		<u>5. Environment conservation:</u> we focus on the urgent	 	 \checkmark	\checkmark
		need of environment restoration as well as different			(Social
		role of male and female in environment restoration.			issue)

	VI	Molecular	<u>1. Ce</u>	ll o	rganel	les,	chron	nosome	e and	gene					\checkmark	
		Biology,	<u>interact</u>	ion:	Throug	gh the	e topic	we try	to expl	ain the					(Health	
		Biotechnology	role of c	liffer	ent cell	l orga	nelle a	ind gene	e interac	ction in					issue)	
		and	deciding	g the j	phenolo	ogy ar	nd gend	ler of in	dividual							
		Biochemistry	<u>2. NA</u>	and	Reco	mbin	ant te	chnolo	gv: He	re we		\checkmark				
		(UD3BOT601)	explain	the re	ole of N	NA in	recom	binant t	technolo	gy and					(Social	
			phenolo	gy of	f popul	lation.	We p	orimarily	y focus	on the					issue)	
			scope ar	nd op	portunit	ties of	frecon	nbinant	technolo	ogy.						
			<u>3. Enzy</u>	mes a	and Pro	otein	We te	each the	e student	s about	\checkmark				\checkmark	
			structure	e of	protein	n. We	also	focus o	on the r	need of					(Health	
			protein a	as we	ll as dif	fferen	t defici	iency di	sease.						issue)	
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Programme	Sem.	Course	EEV O	GAN		DEP B.	ARJ	[ME] Botar	NT C	of Bo			Env. &	R (C PE	C.G.)	Link
Programme Name	Sem.		EEV O	GAN		DEP B.	ART	[ME] Botar	NT C	of Bo		NY			Any Other	Link
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Name B.Sc.		Course Name/Code Microbial	<u>1. Micro</u>	obial in th	D Biotec ne role	DEP B. Dese Chnolo of m	ART Sc. 1 cription <u>ogy:</u> Th icrobe	FME Botar n nrough t and bio	NT C ny (N the topic otechno	FB EP)	GE	NY	Env. & Sust. Dev.	PE	Any Other	Link

		BOTC-01	And values involved in technology.			
			2. Microbial disease: Through the topic we explain			
			the different disease, with symptoms and their			
			management.			
			<u>3. Economic Importance of Microbes:</u> Here we teach			
			the gender wise employment opportunities in			
			microbial Industry. We also focus the role of women			
			in mushroom cultivation.			
			<u>4. Biological Indicators:</u> Through the topic we try to			
			explain the Lichen as a biological indicators primarily			
			focusing on air pollution.			
B.Sc.	Ι	Flowering	<u>1. Plants and their parts:</u> Through the topics we try			
Botany		Plants	to explain the parts of plants & its modification. We			
(NEP)		BOTG-01	also try to explain about the parts of flowers and role			
			of plants reproduction.			
			2. Plant Physiology: Through the topic we try to			
			explain mechanism of photosynthesis and respiration.			
			3. Ecological adaptation: Here we explain the			
			different types of adaptation in plants including			
			hydrophytes, Xerophytes and Halophytes.			

B.Sc.	II	Embryophyta	1. Characters and classification of Bryophyta,				
Botany		BOTC-02	Pteridophyta and Gymnosperm: We try to explain				
(NEP)			the diversity present in our environment and need to				
			presence and promote them.				
			2. Economic Importance of Gymnosperms,				
			Pteridophytes and Bryophytes: We explain the			(Empo	
			diverse field of botany need to work with. We also			yment)	
			focus on the role of men and women's in different				
			branch of Botany.				
			3. Geological time scale and fossils: We make the		 		
			student to understand the evolutionary tendencies and				
			ethical value needs to be taken care of while dealing				
			with environments.				
B.Sc.	II	Economic	<u>1. Economic Botany:</u> We try to explain the				
Botany		botany	importance of Crop produce. We equally focus on the				
NEP		BOTG-02	role of men & women in Crop cultivation.				
			2. Ethnobotany: We try to explain the need of	 \checkmark			
			Documentation and Conservation of traditional				
			knowledge as well as application of different				
			medicinal plants. We also highlight some traditional				
			medicine which is still in use.				

B.Sc.	III	Plant	1. Taxonomical Herbarium and Garden: Through			\checkmark	
Botany		taxonomy &	the topic we explain the role of botanical garden and			(social	
(NEP)		Embryology	herbarium in science and society.			Issue)	
		BOTC-03	2. Classification & Economic importance of				
			families: We teach the different types of classification				
			by highlighting special characters as well as economic				
			importance of families.				
			3. Crop productivity and Parthenocarpy: We		 		
			explain the essence and role of human value while			(Food	
			focusing to improve the crop productivity to achieve			security)	
			food security.				
B.Sc.	III	Fundamentals	1. Plant Pathology: We discuss with the students				
Botany		of Plant	about different plant disease, their, host & pathogen,			(Health	
NEP		Pathology	symptoms and control management.			Issue)	
		(DSEC)	2. Symptoms & management of disease of crops:				
		BOTE-03	Through the topics we try to explain about the			(Health	
			different types of field crop diseases & management.			Issue)	
B.Sc.	IV	Plant	1. Plant Water relation: Through the topic we deal				
Botany		Physiology	with the relation between plant & water primarily				
(NEP)		BOTC-04	focusing on absorption of water and water transport.				

		2. Photosynthesis and Respiration: Through the						
		topics we explain the photosynthesis & Respiration						
		mechanism in plants with the help of different cycle.						
		We also focus on the importance of Photosynthesis &						
		Respiration for plants, animals and environment.						
IV	Plant Anatomy	1. Plant anatomy and secondary growth: Through						
	and	the topic we explain the different types of tissue in						
	Biochemistry	plant systems with the help of anatomy of root stem						
	BOTE-04	and leaves. We also focus on the anomalous secondary						
		growth in plants.						
		2. Enzymes and protein: Here we focus on the						
		structure of protein. We also focus on the need of					(Health	
		protein and different deficiency disease					Issue)	
V	Cell and	1. Cell organelles and Cell Multiplication: Through						
	Molecular	the topic we explain the role of different cell organelle,						
	Biology	cell cycle and its regulation. We also explain the cell						
	BOTC-05	cycle and cell division.						
		2. Chromosome and gene regulation: Through the					\checkmark	
		topic we explain the gene interaction in deciding the					(Health	
		phenology and gender of individual. We also explain					Issue)	
		about the gene & its regulation.						
		and Biochemistry BOTE-04 V Cell Molecular Biology	IVPlant Anatomy and Biochemistry BOTE-04I. Plant anatomy and secondary growth: plant systems with the help of anatomy of root stem and leaves. We also focus on the anomalous secondary growth in plants.IVPlant Anatomy and Biochemistry BOTE-041. Plant anatomy and secondary growth: plant systems with the help of anatomy of root stem and leaves. We also focus on the anomalous secondary growth in plants.VCell Biology1. Cell organelles and Cell Multiplication: cell cycle and its regulation. We also explain the cell cycle and cell division.VCell and BOTC-051. Cell organelles and Cell Multiplication: cycle and cell division.VCell and biology1. Cell organelles and Cell Multiplication: cycle and cell division.VCell and biology1. Cell organelles and Cell Multiplication: cycle and cell division.VCell and biology1. Cell organelles and Cell Multiplication: cycle and its regulation. We also explain the cell cycle and cell division.	V Cell and in the photosynthesis & Respiration mechanism in plants with the help of different cycle. We also focus on the importance of Photosynthesis & Respiration for plants, animals and environment. IV Plant Anatomy and secondary growth: Through the topic we explain the different types of tissue in plant systems with the help of anatomy of root stem and leaves. We also focus on the anomalous secondary growth in plants. IV Plant Anatomy and leaves. We also focus on the anomalous secondary growth in plants. 2. Enzymes and protein: Here we focus on the structure of protein. We also focus on the need of protein and different deficiency disease V Cell and Molecular Biology cell cycle and its regulation. We also explain the cell cycle and cell division. 2. Chromosome and gene regulation: Through the topic we explain the gene interaction in deciding the phenology and gender of individual. We also explain	V Cell and I. Cell organelles and Cell Multiplication; Investigation V Cell and I. Cell organelles and Cell Multiplication; Investigation V Cell and I. Cell organelles and Cell Multiplication; Investigation V Cell and I. Cell organelles and Cell Multiplication; Investigation V Cell and I. Cell organelles and cell division. Investigation V Cell and I. Cell organelles and cell division. Investigation V Cell and I. Cell organelles and cell Multiplication; Investigation BOTC-05 Event cell division. Investigation Investigation Investigation V Cell and Investigation Investigation Investigation BOTC-05 Event cell division. Investigation Investigation Investigation Investigation Cell Interview Event cell division. Investigation Investigation Investigation Event cell Event cell division. Investigation Investigation Investigation Investigation	V Cell and I. Cell organelles and Cell Multiplication; Through √ V Cell and I. Cell organelles and Cell Multiplication; Through √ V Cell and I. Cell organelles and Cell Multiplication; Through the topic we explain the role of different cell organelle, cell cycle and its regulation. √	V Cell and is concernent of protein: Here we focus on the interpretion: N V Plant Anatomy and secondary growth: Through the topic we explain the different types of tissue in plants systems with the help of anatomy of root stem and leaves. We also focus on the anomalous secondary growth in plants. N V Cell and and different deficiency disease N V Cell and Molecular I. Cell organelles and Cell Multiplication: N V Cell and Molecular Explain the role of different cell organelle, biology N BOTC-05 Cycle and cell division. I. Cell organelles and gene regulation: Through the topic we explain the gene interaction in deciding the phenology and gender of individual. We also explain	V Cell and Molecular I. Cell organelles and Cell Multiplication; Through the topic we explain the role of different cell organelle, Biology V Cell and Cell cycle and its regulation. We also explain the cell biology and gender of individual. We also explain V V V Cell and Molecular I. Cell organelles and Cell Multiplication; Through the topic we explain the different cell organelle, BOTE-04 V V V Cell and Molecular I. Cell organelles and Cell Multiplication; Through the topic we explain the role of different cell organelle, BOTE-05 V Cell and the topic we explain the role of different cell organelle, BOTE-05 V V Cell and Molecular I. Cell organelles and Cell Multiplication; Through the topic we explain the role of different cell organelle, BOTE-05 V V

B.Sc.	V	Biotechnology	1. Plant tissue culture and its techniques: Through			
Botany		and plant	the topic we explain about the plant tissue culture			
NEP		tissue culture	techniques and its application for human welfare and			
		BOTE-05	environmental			
			2. Biotechnology: Here we teach our students about		 	
			the transgenic plants with reference to virus and pest			
			resistance. We also focus to ecological risk assessment			
			of genetically modified crop.			
B.Sc.	V	Forestry	<u>1. Forest & its managements:</u> Through the topic we			
Botany		BOTG-05	explain the detail of forestry. We also focus the			
(NEP)			objective of the forestry course in terms of education			
			and management in the forest development.			
			2. Forest based industries and its conservation: We	 		
			teach our students about the different types of			
			industries primarily based on forest. We also focus on			
			the role of men & women in forestry based industries.			
B.Sc.	VI	Ecology	<u>1. Ecology and Environment:</u> Through the topic we			
Botany		BOTC-06	explain the factor of ecology and urgent need to restore			
NEP			preserve them.			

			2. Biodiversity & it's Conservation: We explain the						
			pollution, poor water quality, chemical & waste					(Health	
			contamination, climate change & other causes of					Issue)	
			ecosystem degradation all contribute to biodiversity						
			loss and can harmful for human health.						
B.Sc.	VI	Aquatic &	1. Macro and Micro algae: Through the topic we						
Botany		Marine Botany	tried to explain marine micro & macro algae and its						
NEP		BOTE-06	importance for food, science and ecological indicators						
			(water quality indicators). We also focused production						
			of algae in lab by plant tissue culture techniques.						
			2. Mangroves and Aquatic vascular plants: Through			V			
			the topic we tried to explain mangrove forest and	v	,	,			
			importance for the ecosystem. We also focused						
			different type of aquatic vascular plant like that Lotus,						
			Water-lily etc. with the role of men & women in						
			different field of opportunity.						
B.Sc.	VI	Nursery and	<u>1. Introduction to nursery and gardening:</u> Through						
Botany	•	Gardening	the topic we tried to explain preparation of nursery and	•		,	,		
(NEP)		BOTC-06	garden, their types and object and scope of nursery and						
			gardening. We also focused the role of men and						
			Salaching, the also recubed the role of mon and						

			 women in the field of nursery and gardening. <u>2. Management of nursery and garden:</u> We explain the topic management of nursery and garden like that seasonal activities, watering, weeding, nutrient and routine operation in a nursery and garden. 		V	V	V		
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Programme Name	Sem.	Course Name/Code	Description	GE	HV	Env. & Sust. Dev.	PE	Any Other Issue	Link
M.Sc.	Ι	Cell and	<u>1. Introduction to modern tools and techniques of</u>						

			2. Cell organelles, chromosome and cell				
			<u>multiplication</u> : Through the topic we explain the role			(Health	
			of different organelles, cell cycle its regulation and cell			Issue)	
			division.				
			3. Gene structure, regulation and expression in				
			eukaryotes: In this chapter we explain gene structure				
			which contains genetic information and its regulation				
			of eukaryotes and prokaryotes organism.				
M.Sc.	Ι	Algae	1. Diversity and distribution of the algae: Through				
Botany		(PD3-702)	the topic we explain about the distribution of algae				
		Paper - II	along with thallus structure. We also focused the				
			economic important of algae such as food, fodder etc.				
			2. Algal Biotechnology: Through the topic we tried to		 		
			explain marine micro & macro algae, algal biofuels,				
			Production of bioethanol, biological hydrogen, global				
			warming etc.				
			3. Industrial Phycology: Through the topic we deliver	\checkmark			
			the knowledge of red algae involved in production of				
			polysaccharides like agar, Bioactive compounds etc.				

M.Sc.	Ι	Physiology	<u>1. Biomolecule and enzyme:</u> We try to explain the			\checkmark	
Botany		and	role of biological function of carbohydrates lipids and			(Health	
		Biochemistry	vitamins. We also focus to the different disease and			Issue)	
		(PD3-703)	their symptoms caused by the deficiency of mineral				
		Paper - III	nutrients.				
			2. Plant water relation: Through this topic we try to				
			explain the role of mineral and water in physiological			(Health	
			performance of plant.			Issue)	
			<u>3. Photosynthesis:</u> Through this topic we tried explain			\checkmark	
			the importance of photosynthesis are that its plays a			(Health	
			role in the carbon cycle, provide oxygen and food to			Issue)	
			humans and animals.				
			<u>4. Respiration:</u> Through the topic we do explain the	\checkmark			
			essentiality of respiration in maintaining growth and			(Health	
			performance.			Issue)	
M.Sc.	Ι	Environmental	<u>1. Environment:</u> Through the topic we explain the				
Botany		Science	environmental issues simultaneously build solutions to				
		(PD3-706)	solve them. We focus the urgency to restore and				
		Paper - V	preserve them.				

			<u>2. Application of GIS:</u> We try to explain that GIS is		\checkmark		
			software that aids professionals to acquire, manage,				
			analyze and visually represent large amount of				
			geospatial data.				
M.Sc.	II	Genetics	1. Mendelian and non-Mendelian inheritance:				
Botany		(PD3-801)	Through the topic we teach chromosome theory of			(Health	
		Paper - I	inheritance, gene interactions and organelle			Issue)	
			inheritance.				
			2. Recombination in eukaryotes: We teach the				
			students about recombination process by various			(Health	
			methods.			Issue)	
			3. Mutation: We tried to explain its basic concepts				
			their causes of mutation, evolution, cancer etc.			(Health	
						Issue)	
M.Sc.	II	Advances in	<u>1. Bryophytes and Pteridophytes:</u> We try to explain				
Botany		Archegoniate	the diversity present in our environment that makes the				
		(PD3-802)	word more beautiful. We focus the urgency to preserve				
		Paper - II	and promote the biodiversity.				

M.Sc.	II	Gymnosperm	1. Gymnosperm: We try to explain the diversity			
Botany		(PD3-803)	present in our environment as well as we also deliver			
		Paper - III	the skill to propagate the conifers using plant tissue			
			culture techniques. We explain advances in synthetic			
			seed & technology of conifers.			
M.Sc.	II	Research	1. Concept of research, steps of research and tools		\checkmark	
Botany		Methodology	of research: We explain the concepts of research,			
		(PD3-804)	types of research methods, and various advance type of			
		Paper - IV	tools that we can use in our research field.			
			<u>2. Method of research:</u> We explain the various types		\checkmark	
			of research methodology involved in research.			
			3. Treatment of data and research writing report:			
			We explain about data treatment that refers to the			
			process of analyzing and manipulating data to extract			
			meaningful conclusion.			
			4. Computer fundamental, computer system and	 	\checkmark	
			parts of computer system: Through the topic we			
			explain the basic application of computer, operating			
			system along with the office software package system.			

M.Sc.	II	Fungi	<u>1. Fungi</u> : Through the topic we try to explain the			
Botany		(PD3-806)	ultrastructure, nutrition, reproduction and economic			
		Paper - V	importance of fungi.			
M.Sc.	III	Developmental	1. Plant part, its growth and developments: We try			
Botany		Biology	to explain metamorphosis, growth and differentiation			
		(PD3-901)	of stem cells and tissues.			
		Paper - I				
M.Sc.	III	Systematics	1. System of angiospermic classification: We deliver			
Botany		Evolution and	the concept of classification as well as nomenclature			
		Taxonomy	and classification of various angiospermic plants.			
		(PD3-902)	2. The species concepts and taxonomic evidence:			
		Paper - II	We tried to explain taxonomic hierarchy, species,			
			genus, family and we also can explain taxonomic			
			evidence.			
			3. Taxonomic tools: in this section we teach the		 \checkmark	
			students about certain principle of certain taxonomic			
			tools from the field of taxonomy that are very			
			beneficial in identifying and classifying plant			
			organisms.			

M.Sc.	III	Principles of	<u>1. Ecology:</u> We explain the relationship among				
Botany		ecology	different living organism, including humans with				
		(PD3-903)	physical environment.				
		Paper - III	2. Vegetation organization: Here we explain about				
			the community structure as well as the distribution and				
			abundance of species.				
			3. Biological conservation and management: We				
			explain the need and significant steps needs to be taken				
			to conserve our biodiversity with the process of ex situ				
			and in situ conservation.				
			4. Concept of phytogeography: Through the topic we		 \checkmark		
			explain the hotspot region of India and we also focus				
			to the local plant diversity and its socio-economic				
			importance.				
M.Sc.	III	Pathogens and	1. General characteristics of including viruses:				
Botany		pests of crop	Through the topic we explain the different disease			(Health	
		plants	symptoms and their management.			Issue)	
		(PD3-905)	2. Host parasite relationship: Through the topic we				
		Paper - V	explain that the host parasite relationship is completely				
			dependent on the interaction between two species.				

			<u>3. Effect of environment:</u> Through the topic we teach			
			the disease forecasting method, source of infection and			
			recurrence of disease.			
M.Sc.	IV	Plant tissue	1. Plant cell and tissue culture: We try to explain			
Botany		culture and	tissue culture techniques involved in floricultural,			
		industrial	agricultural and pharmaceutical crops.			
		applications	2. Somatic hybridization: Through the topic we led			
		(PD3-1001)	the students to understand the various types of			
		Paper - I	hybridization method. We also try to explain the			
			germplasm conservation approach.			
			3. Application of plant tissue culture: We try to			
			explain the need and steps involved in plant tissue			
			culture techniques particularly used in production of			
			artificial seed, hybrids, cryopreservation and			
			germplasm storage.			
M.Sc.	IV	Biotechnology	<u>1. Biotechnology:</u> Through this topic we try to explain		 \checkmark	
Botany		genetic	the application and opportunities of biotechnology. We			
		engineering	explain the requirements and steps involved in			
		and resource	biotechnology via practical approach.			

		utilization	2. Genetic engineering: Through this topic we try to		\checkmark		
		(PD3-1002)	explain the different uses of genetic engineering in the				
		Paper - II	field of medicine, research industry and genetically				
			modified plant that are useful for the mankind.				
			<u>3. Crop improvement:</u> We try to explain the different		 \checkmark		
			technique we can use in crop fields to improve crop				
			varieties with various methods.				
M.Sc.	IV	Plant	<u>1. Plant disease:</u> Through the topic we explain the				
Botany		pathology	different disease caused by microbes like virus,				
		disease of	bacteria, fungi and mycoplasma along with their				
		plants	managements.				
		(PD3-1003)	<u>2. Disease control and management:</u> We teach the				
		Paper - III	students about different approach for disease control			(Health	
			and disease management.			Issue)	
M.Sc.	IV	Embryology &	<u>1. Flower development:</u> Through the topic we make				
Botany		reproductive	the student to understand about different reproductive				
		biology of	phenomenon activity				
		flowering	2. Plant pollinator interaction: Through the topic we			\checkmark	
		plants	teach the student about the role of diversity in			(Ethical	
		(PD3-1005)	evolution and completion of cycle. We also focus to			Issue)	
		Paper - V	the need to save the plant diversity.				