

Skill Enhancement Course: Plant Diversity and Human Welfare

Course code: BOTSSEC01M (Credits 2)

COURSE OUTCOME: The course deals with plant diversity and human welfare. Now a day's loss of biodiversity is a major problem which is threatening the earth. Through this course student will come to know the causes of diversity loss and also about the organization who have been continuously working for biodiversity management and sustainable development. We are hopeful enough that the course will be helpful in growing student's awareness about conservation of nature and natural recourses.

BASIRHAT COLLEGE LESSON PLAN FOR CBCS (FOR HONS)										
NAME OF THE DEPARTMENT					BOTANY					
HOD		DR. AYANA CHAKRAROBTY								
INITIALS OF FACULTIES		DAY	AC	MS	SDG	SS	AB	PB		
		MORN								
PERIOD OF SEMESTER			FROM JULY 2019 TO DECEMBER 2019				HONS √		GENERAL	
SEM	3	SEC		1			CREDIT POINT	2	Course Code	BOTSSEC01M
Name of the Course		Plant Diversity and Human Welfare								
Course Co-ordinator		DR. AYANA CHAKRAROBTY								
TOTAL MARKS	25	TH	√	TUT				PRAC		
TOTAL HOURS	30	TH	√	TUT				PRAC		
UNIT/ SECTION/ GROUP/ MODULE/ TOPIC		1								
NAME OF THE UNIT/MODULE		Plant diversity and its scope								
TOTAL HOURS	8	THEORY	√	TUTORIAL				PRAC		
DISTRIBUTION OF LESSON PLAN (MODULE/ UNIT/ SECTION/ TOPIC WISE)										
SL	TOPIC						HR	TEACHER	MONTH	
1	Genetic diversity, Species diversity						1	AB	JULY	
2	Plant diversity at the ecosystem level						1	AB	AUG	
3	Agrobiodiversity						1	AB	AUG	
4	Cultivated plant taxa, wild taxa						1	AB	AUG	
5	Values and uses of Biodiversity: Ethical and aesthetic values						1	AB	AUG	
6	Precautionary principle, Methodologies for valuation						1	AB	AUG	
7	Uses of plants and Uses of microbes						1	AB	SEPT	
8	Class Test						1	AB	SEPT	
	TOTAL HOURS						8			

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INITIALS OF FACULTIES		DAY	AC	MS	SDG	SS	AB	PB			
		MORN									
PERIOD OF SEMESTER			FROM JULY 2019 TO DECEMBER 2019					HONS		GENERAL	
								√			
SEM	3	SEC						CREDIT POINT	2	Course Code	BOTSSEC01M
		GE/DSC		1							
Name of the Course			Plant Diversity and Human Welfare								
Course Co-ordinator			DR. AYANA CHAKRAROBTY								
TOTAL MARKS	25	TH	√	TUT				PRAC			
TOTAL HOURS	30	TH	√	TUT				PRAC			
UNIT/ SECTION/ GROUP/ MODULE/ TOPIC				2							
NAME OF THE UNIT/MODULE				Loss of Biodiversity							
TOTAL HOURS	8	THEORY	√	TUTORIAL				PRAC			
DISTRIBUTION OF LESSON PLAN (MODULE/ UNIT/ SECTION/ TOPIC WISE)											
SL	TOPIC						HR	DAY	MORN		
1	Loss of genetic diversity, Loss of species diversity						1	AB	SEPT		
2	Loss of ecosystem diversity						1	AB	NOV		
3	Loss of agrobiodiversity						1	AB	NOV		
4	Projected scenario for biodiversity loss						1	AB	NOV		
5	Management of Plant Biodiversity: Organizations associated with biodiversity management-Methodology for execution-						1	AB	NOV		

	IUCN, UNEP, UNESCO			
6	Management of Plant Biodiversity: Organizations associated with biodiversity management-Methodology for execution-WWF, NBPGR	1	AB	DEC
7	Biodiversity legislation and conservations	1	AB	DEC
8	Biodiversity information management and communication	1	AC	DEC
	TOTAL HOURS	8		

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INITIALS OF FACULTIES		DAY	AC	MS	SDG	SS	AB	PB			
		MORN									
PERIOD OF SEMESTER		FROM JULY 2019 TO DECEMBER 2019						HONS		GENERAL	
								√			
SEM	3	SEC		1				CREDIT POINT	2	Course Code	BOTSSEC01M
		GE/DSC									
Name of the Course			Plant Diversity and Human Welfare								
Course Co-ordinator			DR. AYANA CHAKRAROBTY								
TOTAL MARKS		25	TH	√	TUT				PRAC		
TOTAL HOURS		30	TH	√	TUT				PRAC		
UNIT/ SECTION/ GROUP/ MODULE/ TOPIC					3						
NAME OF THE UNIT/MODULE					Conservation of Biodiversity:						
TOTAL HOURS		8	THEORY	√	TUTORIAL				PRAC		

DISTRIBUTION OF LESSON PLAN (MODULE/ UNIT/ SECTION/ TOPIC WISE)				
SL	TOPIC	HR	DAY	MORN
1	Conservation of genetic diversity	1	AC	JULY
2	Conservation of species diversity	1	AC	AUG
3	Conservation of ecosystem diversity	1	AC	AUG
4	<i>In situ</i> conservation	1	AC	AUG
5	<i>ex situ</i> conservation	1	AC	AUG
6	Social approaches to conservation	1	AC	AUG
7	Biodiversity awareness programmes	1	AC	SEPT
8	Sustainable development	1	AC	SEPT
	TOTAL HOURS	8		

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INITIALS OF FACULTIES		DAY	AC	MS	SDG	SS	AB	PB			
		MORN									
PERIOD OF SEMESTER			FROM JULY 2019 TO DECEMBER 2019					HONS		GENERAL	
								√			
SEM	3	SEC		1				CREDIT POINT	2	Course Code	BOTSSEC01M
Name of the Course		Plant Diversity and Human Welfare									
Course Co-ordinator		DR. AYANA CHAKRAROBTY									
TOTAL MARKS		25	TH	√	TUT			PRAC			
TOTAL HOURS		30	TH	√	TUT			PRAC			

UNIT/ SECTION/ GROUP/ MODULE/ TOPIC							
UNIT/ SECTION/ GROUP/ MODULE/ TOPIC		4					
NAME OF THE UNIT/MODULE		Role of plants in relation to Human Welfare					
TOTAL HOURS	6	THEORY	√	TUTORIAL		PRAC	
DISTRIBUTION OF LESSON PLAN (MODULE/ UNIT/ SECTION/ TOPIC WISE)							
SL	TOPIC			HR	DAY	MORN	
1	Importance of forestry			1	AC	SEPT	
2	Utilization and commercial aspects: Avenue trees and Ornamental plants of India			1	AC	NOV	
3	Alcoholic beverages through ages			1	AC	NOV	
4	Fruits and nuts: Important fruit crops their commercial importance			1	AC	NOV	
5	Wood and its uses			1	AC	NOV	
6	Class test			1	AC	DEC	
	TOTAL HOURS			6			