



ARSD College, University of Delhi

Model Course Handout/Lesson Plan

CourseName: Generic Elective for Hons. Courses (CBCS) (Practical)						
Semester	Course Code	CourseTitle	Lecture (L)	Tutorial (T)	Practical (P)	Credit (C)
I	2164001001	GE : Plant Diversity and Human Welfare	0	0	2	2
Teacher/Instructor(s)		Dr. Anita Singh				
Session		2022-23				

CourseObjective:

- This paper will build awareness among the students to gain knowledge about different groups of plants and their roles in supporting human life.

CourseLearningOutcomes:

After studying this course the student will gain knowledge about

- the diversity of various groups of plants, their characteristics and identification.
- Preparing an inventory of common medicinal plants
- the basic principles of Conservation of Biodiversity and Sustainable Development Goals (SDG)
- the role of plants in human welfare

LessonPlan:

Unit No.	Learning Objective	Lecture No.	Topics to be covered
1	Understanding local plant diversity	1,2	Algae, bryophytes, pteridophytes and gymnosperms in and around campus.
		3,4	Economic and Ecological value of Algae, Bryophyte, Pteridophytes and Gymnosperms

2	Microchemical tests	5	Tests for Carbohydrates, proteins and oils.
3	Role of trees in human welfare	6,7	To study any three commonly found tree species in the vicinity.
4	Common medicinal plants in college campus	8,9	To prepare an inventory of common medicinal plants found in college campus
		10,11	Identification to family level and their uses
5	Plants in local parks	12	Understanding their dust mitigation capacity.

EvaluationScheme:

No.	Component	Duration	Marks
1.	Continuous Assessment		20
	• ClassTest (10)		
	• Attendance (5)		
	• Practical file (5)		
2.	Viva on project		20
3.	End Semester Examination	5 hrs.	40

