



Program	Bachelor of Pharmacy (BPharm)	Semester - 2
Type of Course	-	
Prerequisite		
Course Objective	-	
Effective From A.Y.	2023-24	

Teaching Scheme (Contact Hours)				Examination Scheme				
Lecture	Tutorial	Lab	Credit	Theory Marks		Practical Marks		Total Marks
				External Marks (T)	Internal Marks (T)	External Marks (P)	Internal Marks (P)	
3	-	-	3	50	25	-	-	75

SEE - Semester End Examination, **CIA** - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.)

Course Content		T - Teaching Hours W - Weightage	
Sr.	Topics	T	W
1	The Multidisciplinary nature of environmental studies Natural Resources Renewable and non-renewable resources: Natural resources and associated problems a) Forest resources; b) Water resources; c) Mineral resources; d) Food resources; e) Energy resources; f) Land resources: Role of an individual in conservation of natural resources.	10	33
2	Ecosystems ☒ Concept of an ecosystem. ☒ Structure and function of an ecosystem. ☒ Introduction, types, characteristic features, structure and function of the ecosystems: Forest ecosystem; Grassland ecosystem; Desert ecosystem; Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)	10	34
3	Environmental Pollution Environmental Pollution: Air pollution; Water pollution; Soil pollution	10	33
Total		30	100

Suggested Distribution Of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyze	Evaluate	Create
Weightage	20	15	20	20	20	5

NOTE : This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books	
1.	Environmental Science By Y.K. Singh New Age International Pvt
2.	Environmental Science: A Study of Interrelationships By Enger, E. and Smith, B. McGraw-Hill Higher Education
3.	Environmental Biology By Agarwal, K.C. Nidi Publ. Ltd.
4.	Environmental Chemistry By De A.K. Wiley Eastern Ltd

