



**Department of Environmental Science**  
 Evaluation Scheme of Undergraduate & Post Graduate Program as per NEP-2020 Guidelines  
 w.e.f. Session 2023-24

**B.Sc.(H) in Environmental Science**

**Year: Third / Semester: Fifth (Odd Semester)**

S. N.	Course Code	Course Title	Theory / Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination	Subject Total	Total Credit Points	Attributes							United Nations Sustainable Development Goals (SDGs)				
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethic					
<b>Major 1</b>																									
1	B150501T/ES314	Environmental Microbiology and Biotechnology	Theory	Major 1	4	0	4	15	10	25	75	100	06	✓	✓	✓		✓							
	B150502P/ES315	Environmental microbiology Lab	Practical					15	10	25	75														
2	B150503T/ES316	Introduction to Physical Environment	Theory		4	0	0	15	10	25	75	100	04	✓	✓	✓		✓							  
<b>Major 2</b>																									
3	B110501T/BS344	Bioenergetics and Metabolism	Theory	Major 2 (Anyone 2)	4	2	0	15	10	25	75	100	06	✓	✓	✓		✓							 
	B110502P/BS246	Metabolism lab	Practical																						
4	B110503T/BS345	Plant Biochemistry	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓							
5	B150504T/ES317	Pollution and Human Health	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓	✓						 
6	B150505T/ES318	Energy and Its management	Theory		4	0	4	15	10	25	75	100	06	✓	✓	✓		✓							
	B150506P/ES319	Energy Lab	Practical					15	10	25	75														
7	B150507R/ES320	Internship/Apprenticeship (Research Project I)	NTCC	Industry based	0	0	0	0	0	0	0	100	03	✓	✓	✓		✓						  	
8	Z050501	Analytic Ability and Digital Awareness	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02			✓		✓	✓						
<b>TOTAL</b>					<b>20</b>	<b>0</b>	<b>08</b>	<b>120</b>	<b>80</b>	<b>175</b>	<b>600</b>	<b>800</b>	<b>25</b>												