

## COURSE CURRICULUM AND SCHEME OF EXAMINATION

### M.Sc. Environmental Science (First Semester)

S.No.	Course	Subject	Teaching schedule			Examination schedule marks		Duration of Exam
			L	T	PR	TH	Int. Assessment	
1	EES-101	Foundation course	4	1		80	20	3
2	EES-102	Environmental Pollution	4	1		80	20	3
3.	EES-103	Ecology	4	1		80	20	3
4.	EES-104	Environmental Chemistry	4	1		80	20	3
5.	EES-105	Physical environment	4	1		80	20	3
6	EES-106	Lab- Ecology			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
7.	EES-107	Lab- Biometry			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
8.	EES-108	Lab- application Computer			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
		Total	20	5	18x2	800		

### M.Sc. Environmental Science (Second Semester)

S.No.	Course	Subject	Teaching schedule			Examination schedule marks		Duration of Exam
			L	T	PR	TH	Int. Assessment	
1	EES-201	Environmental Awareness & Planning	4	1		80	20	3
2	EES-202	Environmental Geology	4	1		80	20	3
3.	EES-203	Environmental Impact Assessment	4	1		80	20	3
4.	EES-204	Instrumentation	4	1		80	20	3
5.	EES-205	Biodiversity and Current Environmental issues	4	1		80	20	3
6	EES-206	Lab-Environmental Monitoring (Water)			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
7.	EES-207	Lab- Environmental Monitoring (Soil)			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
8.	EES-208	Lab-Environmental Biochemistry			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
9	EES-209	Research Project Minor				During summer vacations, and to be evaluated in IV <sup>th</sup> Semester		
		Total	20	5	18x2	800		

### M.Sc. Environmental Science (Third Semester)

S.No.	Course	Subject	Teaching schedule			Examination schedule		Duration of Exam
			L	T	PR	TH	Int. Assessment	
1	EES-301	Environmental Microbiology	4	1		80	20	3
2	EES-302	Pollution Control	4	1		80	20	3
3.	EES-303	Environmental Conservation	4	1		80	20	3
4.	EES-304	Environmental Biotechnology and Agriculture	4	1		80	20	3
5.	EES-305	Environmental Law	4	1		80	20	3
6	EES-306	Lab- Environmental Monitoring (Air)			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
7.	EES-307	Lab- Environmental Monitoring (Noise)			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
8.	EES-308	Lab-Microbiology			(3+3) (In two days & Two Groups)	80	20	6+6 in two sessions
9	EES-309	Credit Seminar			1xN		50	
10	EES-310	Research Project Major (III & IV Semester)			3 xN		To be Evaluated in Sem. IV	-
		Total	21	5+1N	3N+18x2		850	

### M.Sc. Environmental Science (Fourth Semester)

S.No.	Course	Subject	Teaching schedule			Examination schedule		Duration of Exam
			L	T	PR	TH	Int. Assessment	
1	EES-401	Environmental Hazards and Disasters	4	1		80	20	3
2	EES-402	Energy	4	1		80	20	3
3.	EES-403	Remote Sensing and Modelling	4	1		80	20	3
4.	EES-404	Optional Paper A) Environmental Health and Toxicology B) Ecotechnology	4	1		80 Each	20 Each	3
5	EES-310	Research Project Major (Conti. from Sem. III)			3 x N	80	20	
6	EES-209	Research Project Minor (Contd. From Sem. II)				40	10	
		Total	20	4	3 x N		550	
		Grand Total					3000	

N – No. of faculty members in the Department