



UNIVERSITY OF JAMMU

SYLLABUS FOR

ONE-YEAR P.G. IN ENVIRONMENTAL SCIENCES (NEP-2020)

COURSE STRUCTURE

(Programme Code PGFLE005)

Examinations to be held in 2026, 2027 & 2028

DISTRIBUTION OF COURSES AND CREDITS

[SEMESTER-I]

Course Code	Course Name	Credits	Contact Hours / Week L-T-P
P1ESTC101	Environmental Impact Assessment and Disaster Management	4	4-1-0
P1ESTC102	Research Methodology and Statistics	4	4-1-0
P1ESTC103	Environmental Monitoring and Instrumentation	2	2-1-0
*P1ESTE104	Environmental Microbiology	2	2-1-0
*P1ESTE105	Energy and Environment	2	2-1-0
P1ESPC111	Lab Course-1 (P1ESTC101)	2	0-0-2
P1ESPC112	Lab Course-2 (P1ESTC102)	2	0-0-2
P1ESPC113	Lab Course-3 (P1ESTC103)	2	0-0-2
*P1ESPE114	Lab Course-4 (P1ESTE104)	2	0-0-2
*P1ESPE115	Lab Course-5 (P1ESTE105)	2	0-0-2
P1ESRC125	Research Project/ Dissertation	4	0-0-4

Note: Total Credits to be earned in Semester-I= 24 Credits

[Major Core 10 (Theory) + 6 (Practicals) = 16; Major Elective (Anyone*) 2 (Theory) + 2 (Practical) = 4; Research Project/ Dissertation = 4]

[SEMESTER-II]

Course Code	Course Name	Credits	Contact Hours / Week L-T-P
P1ESTC201	Environmental Law and Policy	4	4-1-0
P1ESTC202	Ecotechnologies for Contaminant Remediation	4	4-1-0
P1ESTC203	Environmental Toxicology	2	2-1-0
*P1ESTE204	Environmental Health Hazards	2	2-1-0
*P1ESTE205	Atmospheric Chemistry and Climate Change	2	2-0-0
P1ESRC211	Field Visits/Industrial Training/Practicals	4	0-0-4
P1ESRC225	Research Project/ Dissertation	8	0-0-8

Note: Total Credits to be earned in Semester-II= 24 Credits

[Major Core 10 (Theory) + Major Elective (Anyone*) 2 (Theory) = 12; Field Visits / Industrial Training / Practical = 4; Research Project / Dissertation = 8]

L-Number of Lectures, **T**- Number of Tutorials, **P**- Number of Practical Hours






