

Division	Faculty of Engineering and Technology
School Name	School of Engineering and Technology
Department Name	Department of Civil Engineering
Programme Name	M.Tech. (by research in Environmental Engineering)

Sem	Course Type	Sum of Total Credits
I		
	University Core	
	Research Methodology	2
	Philosophy for science and religion/spirituality	3
	University Core Total	5
	Programme Core	
	Advanced Water Treatment	4
	Numerical Methods for Environmental Systems	4
	Applications of GIS & Remote Sensing in Environmental Engineering	4
	Environmental Regulations & Compliance	3
	Advanced Sewage Treatment	3
	Programme Core Total	18
I Total		23
II		
	University Core	
	Scientific Studies of Mind, Matter, Spirit, and Consciousness	3
	University Core Total	3
	University Elective	
	University Elective-II	2
	Research and Publication Ethics	2
	University Elective Total	4
	Programme Core	
	Industrial Effluent Management	3
	Earth and Environment	1
	Programme Core Total	4
	Programme Elective	
	Programme Elective-I	3
	Programme Elective-II	3
	Programme Elective Total	6
	Research Core	
	Research Seminar - I	2
	Technical Writing	2
	Research Core Total	4
II Total		21
III		
	Programme Elective	
	Programme Elective-III	3
	Programme Elective-IV	3
	Programme Elective Total	6
	Programme Core	
	Environment Impact Assessment	3
	Software Lab	1
	Programme Core Total	4
	Research Project	
	Research Seminar-II	10
	Research Project Total	10
III Total		20
IV		
	Research Project	
	Research Seminar - III	16
	Research Project	16
IV Total		16
Semester	Course Name / Course Title	Programme Electives

II	Solid & Hazardous Waste Management	Programme Elective I
II	Bioremediation: Principles & Applications	Programme Elective I
II	Sustainable Development	Programme Elective II
II	Treatment Plant Design	Programme Elective II
III	Environmental Simulation & Modelling	Programme Elective III
III	Environmental Statistics	Programme Elective III
III	Life Cycle Management	Programme Elective IV
III	Air Pollution Control and Ambient Air Quality Management	Programme Elective IV

