MIT WORLD PEACE UNIVERSITY

SHRI SAINT JNANESHWARA WORLD PEACE LIBRARY

2024 - 25

M.Tech Environmental Engineering

Programme Structure

Division	Faculty of Engineering and Technology
School Name	School of Engineering & Technology
Department Name	Department of Civil Engineering
Programme Name	Environmental Engineering

Course Basket

Course Type	Description
Programme Core	Courses dealing with foundations, depth and breadth of the major in which student is admitted at MIT-WPU
Programme Electives	Open electives under the programme allow students to specialize in a particular area connected to their major.
University Core	Courses that reflect the core MITWPU values and the mission of Life Transformation of students.
University Electives	Multidisciplinary courses across the faculties at MIT-WPU and outside the programme core.

Semester	Course Type	Course Name / Course Title	Total Credits
I	PM	Advanced Water Treatment	4
I	PM	Applications of GIS & Remote Sensing in Environmental Engineering	4
I	PM	Environmental Regulations & Compliance	4
I	PM	Advanced Sewage Treatment	4
I	UC	Research Methodology for Civil Engineers	4
I	UC	Scientific Studies of Mind, Matter, Spirit and Consciousness	2
I	UC	Yoga	1
		Total:	23

Semester	Course Type	Course Name / Course Title	Total Credits
II	PM	Environment Impact Assessment	4
II	PM	Industrial Effluent Management	4
II	PM	Software Lab [Environmental Engineering]	2
II	PR	Seminar	2
II	PE	Programme Elective-I	4
II	UC	Peacebuilding: Global Initiatives	2
II	UC	Indian Knowledge System	2
		Total:	20

Semester	Course Type	Course Name / Course Title	Total Credits
III	PM	Solid & Hazardous Waste Management	4
III	PM	Environmental Engineering Lab	1
III	PR	Research Project-I	8
III	PE	Programme Elective-II	4
III	PE	Programme Elective-III	4
		Total:	21

Semester	Course Type	Course Name / Course Title	Total Credits
IV	PM	Internship	4
IV	PM	Research Project-II	12
IV	PR	Programme Elective-IV	4
		Total:	20

List of Programme Electives

Semester	Course Type	Course Name / Course Title
II	Programme Elective-I	Air Pollution and Control Technology
II	Programme Elective-I	Bioremediation Technology
III	Programme Elective-II	Environmental Audit
III	Programme Elective-II	Resource Recovery, and Reuse
III	Programme Elective-III	Sustainability Assessment Methods
III	Programme Elective-III	Energy and Environment
IV	Programme Elective-IV	Environmental Statistics & Modelling
IV	Programme Elective-IV	Environmental Risk Assessment