

BVM Engineering College (An Autonomous Institution)**Civil Engineering Department****M. Tech. Environmental Engineering**

Semester 1							
Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	5EN01	Theory of Water and Waste Water Engineering-I	3	0	2	5	4
2	5EN02	Environmental Chemistry and Microbiology	3	0	2	5	4
3	5MA01	Data Analytics in Engineering	3	0	2	5	4
4	5CE01	Hazardous and Solid Waste Management	3	1	0	4	4
5		Program Elective - I	3	1	0	4	4
6		Program Elective - II	3	1	0	4	4
Total			18	3	6	27	24
Program Elective - I							
1	5EN41	Ground Water Hydrology and Contamination	3	1	0	4	4
2	5EN42	Environmental Sanitation	3	1	0	4	4
3	5EN43	Environmental Systems Engineering	3	1	0	4	4
Program Elective - II							
1	5EN44	Noise and Thermal Pollution	3	1	0	4	4
2	5EN45	Cleaner Production and Environmental Management	3	1	0	4	4
3	5EN46	Indoor Air Quality	3	1	0	4	4
Semester 2							
Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	5EN03	Air Pollution Control	3	0	2	5	4
2	5EN04	Theory of Water and Waste Water Engineering-II	3	0	2	5	4
3	5CE02	Research Methodology and IPR	2	0	0	2	2
4	5EN05	Industrial Water and Wastewater Treatment	3	0	2	5	4
5		Program Elective - III	3	1	0	4	4
6		Program Elective - IV	3	1	0	4	4

7	5EN06	Seminar		0	0	4	4	2
			Total	17	2	10	29	24
Program Elective - III								
1	5EN47	Industrial Hygiene and Safety		3	1	0	4	4
2	5CE41	GIS - GPS in Civil Engineering		3	1	0	4	4
Program Elective - IV								
1	5EN48	Environmental Impact Assessment		3	1	0	4	4
2	5EN49	Computer Applications in Environmental Engineering		3	1	0	4	4
3	5EN50	Environmental Geotechnology		3	1	0	4	4
Semester 3								
Sr. No.	Course Code	Name of Course		L	T	P	H	C
1		Program Elective - V		3	0	0	3	3
2		Open Elective		3	0	0	3	3
3	6EN31	Dissertation - I		0	0	20	20	10
			Total	6	0	20	26	16
Program Elective - V								
1	6EN41	Environmental Auditing and Legislation		3	0	0	3	3
2	6EN42	Water distribution and wastewater collection system design		3	0	0	3	3
Open Elective								
1	6EN81	Rural Sanitation		3	0	0	3	3
2	6EN82	Analytical Methods for Environmental Monitoring		3	0	0	3	3
Semester 4								
Sr. No.	Course Code	Name of Course		L	T	P	H	C
1	6EN32	Dissertation - II		0	0	32	32	16
			Total	0	0	32	32	16
Total Credit Distribution				41	5	68	114	80