

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

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

6		Program Elective - IV	3	1	0	4	4
7	<a href="#">5EN06</a>	<a href="#">Seminar</a>	0	0	4	4	2
<b>Total</b>			<b>17</b>	<b>2</b>	<b>10</b>	<b>29</b>	<b>24</b>

#### Program Elective - III

1	<a href="#">5EN47</a>	<a href="#">Industrial Hygiene and Safety</a>	3	1	0	4	4
2	<a href="#">5CE41</a>	<a href="#">GIS - GPS in Civil Engineering</a>	3	1	0	4	4

#### Program Elective - IV

1	<a href="#">5EN48</a>	<a href="#">Environmental Impact Assessment</a>	3	1	0	4	4
2	<a href="#">5EN49</a>	<a href="#">Computer Applications in Environmental Engineering</a>	3	1	0	4	4
3	<a href="#">5EN50</a>	<a href="#">Environmental Geotechnology</a>	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	<a href="#">6EN31</a>	<a href="#">Dissertation - I</a>	0	0	20	20	10
<b>Total</b>			<b>6</b>	<b>0</b>	<b>20</b>	<b>26</b>	<b>16</b>

#### Program Elective - V

1	<a href="#">6EN41</a>	<a href="#">Environmental Auditing and Legislation</a>	3	0	0	3	3
2	<a href="#">6EN42</a>	<a href="#">Water distribution and wastewater collection system design</a>	3	0	0	3	3

#### Open Elective

1.	<a href="#">6CM81</a>	<a href="#">Strategic Management</a>	3	0	0	3	3
2.	<a href="#">6CM82</a>	<a href="#">Disaster Management</a>	3	0	0	3	3
3.	<a href="#">6EE81</a>	<a href="#">Renewable Energy Systems</a>	3	0	0	3	3
4.	<a href="#">6IF81</a>	<a href="#">Infrastructure Technology and Management</a>	3	0	0	3	3
5.	<a href="#">6MD81</a>	<a href="#">Robust Design</a>	3	0	0	3	3
6.	<a href="#">6MD82</a>	<a href="#">Optimization Techniques</a>	3	0	0	3	3
7.	<a href="#">6MD83</a>	<a href="#">Reliability Engineering and Quality Control</a>	3	0	0	3	3
8.	<a href="#">6SE81</a>	<a href="#">Disaster Management and Mitigation</a>	3	0	0	3	3
9.	<a href="#">6TE81</a>	<a href="#">Road Safety and Environmental Impact Assessment</a>	3	0	0	3	3
10.	<a href="#">6TE82</a>	<a href="#">Transportation System Analysis</a>	3	0	0	3	3

### Semester 4

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	<a href="#">6EN32</a>	<a href="#">Dissertation - II</a>	0	0	32	32	16
<b>Total</b>			<b>0</b>	<b>0</b>	<b>32</b>	<b>32</b>	<b>16</b>
<b>Total Credit Distribution</b>			<b>41</b>	<b>5</b>	<b>68</b>	<b>114</b>	<b>80</b>