

**MVN University, Haryana**  
**Diploma in Civil Engineering (2012-2015)**

**Semester - I (Common for all Branches)**

S.No	Course Title	CODE	Teaching Schedule			Total Hours	Credit
			L	T	P		
1	Mathematics-I	AHL003	4	1	0	5	5
2	Physics-I	AHL001	4	1	2	7	6
3	Effective Communication in English-I	AHL005	3	1	0	4	4
4	Fundamental of Computers	CSL001	3	1	2	6	5
5	Chemistry	AHL010	3	1	2	6	5
	Basics of Electrical and Electronics Engg.	EEL010					
6	Engg. Drawing	MEP010	1	0	3	4	2
	Workshop	MEP020					
7	Language Comm-1	AHL007	3	0	0	3	NC
<b>Total</b>			<b>21</b>	<b>5</b>	<b>9</b>	<b>35</b>	<b>27</b>

**Semester - II (Common for all Branches)**

S.No	Course Title		Teaching Schedule			Total Hours	Credit
			L	T	P		
1	Mathematics-II	AHL004	4	1	0	5	5
2	Physics-II	AHL002	4	1	2	7	6
3	Effective Communication in English-II	AHL006	3	1	0	4	4
4	Introduction to C	CSL002	3	1	2	6	5
5	Basics of Electrical and Electronics Engg.	EEL010	3	1	2	6	5
	Chemistry	AHL010					
6	Workshop	MEP010	1	0	3	4	2
	Engg. Drawing	MEP020					
7	Language Comm-2	AHP002	1	0	2	3	NC
<b>Total</b>			<b>19</b>	<b>5</b>	<b>11</b>	<b>35</b>	<b>27</b>

**Semester-III**

S. No	Name of Subject	Sub Code	Teaching Schedule			Total	Credit
			L	T	P		
1	Strength of Material	CEL031	3	1	2	6	5
2	Fluid Mechanics	CEL033	3	1	2	6	5
3	Construction Material	CEL035	3	0	0	3	3
4	Surveying-I	CEL037	3	1	3	7	6
5	Civil Engineering Drawing	CEP041	0	0	2	2	1
6	Language Communication-III	AHP031	1	0	2	3	NC
7	Math-III	AHL033	4	1	0	5	5
	Total		17	4	11	32	25

**Semester-IV**

S. No	Name of Subject	Sub Code	Teaching Schedule			Total	Credit
			L	T	P		
1	Concrete Technology	CEL032	3	1	2	6	5
2	Water supply and waste water engineering	CEL034	3	1	2	6	5
3	Hydrology	CEL036	3	1	0	4	4
4	Surveying-II	CEL038	3	1	3	7	6
5	Building Construction	CEL042	3	0	2	5	4
6	Autocad Lab	CEP044	0	0	2	2	1
7	Language Communication IV	AHP032	1	0	2	3	NC
8	Basic of EVS	AHL034	2	0	0	2	NC
	Total		18	4	13	35	25

**Note: Survey camp will be held after 4<sup>th</sup> semester for minimum 7 days in a sub mountainous area away from university preferably in camp conditions.**

**Semester-V**

<b>S. No</b>	<b>Name of Subject</b>	<b>Sub Code</b>	<b>Teaching Schedule</b>			<b>Total</b>	<b>Credit</b>
			L	T	P		
1	Design of concrete structures	CEL061	3	1	2	6	5
2	Railway Bridges and Tunnels	CEL063	3	1	0	4	4
3	Soil Mechanics	CEL065	3	1	2	6	5
4	Quantity surveying and valuation	CEL067	3	1	2	6	5
5	Highway Engineering	CEL069	3	1	2	6	5
6	Computer Applications in Civil Engineering	CEP071	0	0	2	2	1
	<b>Total</b>		<b>15</b>	<b>5</b>	<b>10</b>	<b>30</b>	<b>25</b>

**Semester-VI**

S. No	Name of Subject	Sub Code	Teaching Schedule			Total	Credit
			L	T	P		
1	Irrigation Engineering	CEL062	3	1	0	4	4
2	Design of steel structures	CEL064	3	1	2	6	5
3	Foundation Engineering	CEL066	3	1	0	4	4
4	Electives	CEL068	3	0	0	3	3
5	Major Project Work	CEP070	0	0	12	12	6
	Total		12	3	14	29	22

**Electives (Any one of the following):**

- 1 Repair and Maintenance of Buildings
- 2 Pre-stressed Concrete Structures