MVN University

Civil Engineering Department

Scheme of M.tech in Civil Engineering (2014 – 16) Regular

Sr. No.	Course Name	Credits	No. of Courses Offered					Total Credits
			I Sem	II Sem	III Sem	IV Sem	Total	
1	Core courses							
	Theory	**4**	3	3	0	0	**6**	24
	Laboratory	**2**	1	1	0	0	**2**	4
2	Elective	**4**	2	2	0	0	**4**	16
3	Mandatory Courses							
	Seminar	**1**	1	1		0	**2**	2
	Comprehensive Viva Voce	**2**	0	0	1	0	**1**	2
6	Project Work	**4**	0	0	1	0	**1**	4
7	Dissertation	**10**	0	0	1	1	**2**	20
	Grand Total		7	7	3	1	18	72

Semester I

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Elasticity and Plasticity (E&P)	CEL501	4	0	0	4	4
2	Advanced Structural Analysis (ASA)	CEL503	4	0	0	4	4
3	Numerical Techniques (NT)	AHL501	4	0	0	4	4
4	Elective I (EI)		4	0	0	4	4
5	Elective II (E II)		4	0	0	4	4
6	Seminar I (S I)	CES 505	0	0	2	2	1
7	Structural Engineering Lab (SE LAB)	CEP 507	0	0	3	3	2
	Total		20	0	5	25	23

Semester II

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Advanced Concrete Design (ACD)	CEL502	4	0	0	4	4
2	Pavement Analysis and Design (PAD)	CEL504	4	0	0	4	4
3	Structural Dynamics (SD)	CEL506	4	0	0	4	4
4	Elective III (E III)		4	0	0	4	4
5	Elective IV (E IV)		4	0	0	4	4

6	Seminar II(S II)	CES 508	0	0	2	2	1
7	CAD Lab (C LAB)	CEP 510	0	0	3	3	2
	Total		20	0	5	25	23

Semester III

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Comprehensive Viva Voce (CVV)	CEV605	0	0	0	0	2
2	Project Work (PW)	CEP607	0	0	8	8	4
3	Dissertation Part I (DP I)	CEP609	0	0	20	20	10
	Total		0	0	28	28	16

Semester IV

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	**Total**	
1	Dissertation Part II (DP II)	CEP602	0	0	20	20	10
	Total		0	0	20	20	10

ELECTIVE I (E I) (Any one)	ELECTIVE II (E II) (Any one)
Urban Transportation Planning and Simulation (UTPS) (CEL509)	Advanced Foundation Engineering (AFE) (CEL 515)
Repairs and Rehabilitation of Structure (RRS) (CEL511)	Advanced Bridge Engineering (ABE) (CEL 517)
Construction Planning and Management (CPM) (CEL513)	Civil Engineering Material(CEM) (CEL 519)

ELECTIVE III (E III) (Any one)	ELECTIVE IV (E IV) (Any one)
Design of Prestress Concrete(DPCS) (CEL 512)	Shell Structures (SS) (CEL 518)
Stability Analysis of Structures (SAS) (CEL 514)	High Rise Structures (HRS) (CEL 520)
Traffic System Design (TSD) (CEL 516)	Offshore Structures (OSS) (CEL 522)

Note:

1. In case of Seminar, 01 Hour / week / student should be considered for the calculation of load of a teacher
2. In case of Dissertation I, 02 Hour / week / student should be considered for the calculation of load of a teacher
3. In case of Dissertation II, 02 Hour / week / student should be considered for the calculation of load of a teacher