

MVN University
Civil Engineering Department
Scheme of M.tech in Civil Engineering (2014 – 17) Part Time

S. No.	Course Name	Credits	No. of Courses Offered							Total Credits
			I Sem	II Sem	III Sem	IV Sem	V Sem	VI Sem	Total	
1	Core courses									
	Theory	4	3	3	0	0	0	0	6	24
	Laboratory	2	0	0	1	1	0	0	2	4
2	Elective	4	0	0	2	2	0	0	4	16
3	Mandatory Courses									
	Seminar	1	1	1	0	0	0	0	2	2
	Comprehensive Viva Voce	2	0	0	0	0	1	0	1	2
4	Project Work	4	0	0	0	0	1	0	1	4
5	Dissertation	10	0	0	0	0	1	1	2	20
	Grand Total		4	4	3	3	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	Seminar I (S I)	CES 505	0	0	2	2	1
	Total		12	0	2	14	13

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	Seminar II (S II)	CES 508	0	0	2	2	1
	Total		12	0	2	14	13

Semester III

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Elective I (E I)		4	0	0	4	4
2	Elective II (E II)		4	0	0	4	4
3	Structural Engineering Lab (SE LAB)	CEP601	0	0	3	3	2
	Total		8	0	3	11	10

Semester IV

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Elective III (E III)		4	0	0	4	4
2	Elective IV (E IV)		4	0	0	4	4
3	CAD Lab (C LAB)	CEP602	0	0	3	3	2
	Total		8	0	3	11	10

Semester V

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Dissertation Part I (DP I)	CEP701	0	0	20	20	10
2	Comprehensive Viva Voce (CVV)	CEV703	0	0	0	0	2
3	Project Work (PW)	CEP705	0	0	8	8	4
	Total		0	0	28	28	16

Semester VI

S. No	Name of Subject	Sub Code	Teaching Schedule				Credit
			L	T	P	Total	
1	Dissertation Part II (DP II)	CEP702	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) (CEL603)	Advanced Foundation Engineering (AFE) (CEL 609)
Repairs and Rehabilitation of Structure (RRS) (CEL605)	Advanced Bridge Engineering (ABE) (CEL 611)
Construction Planning and Management (CPM) (CEL607)	Civil Engineering Material (CEM) (CEL 613)

ELECTIVE III (E III) (Any one)	ELECTIVE IV (E IV) (Any one)
Design of Prestress Concrete(DPCS) (CEL 604)	Shell Structures (SS) (CEL 610)
Stability Analysis of Structures (SAS) (CEL 606)	High Rise Structures (HRS) (CEL 612)
Traffic System Design (TSD) (CEL 608)	Offshore Structures (OSS) (CEL 614)

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.
4. In case of Dissertation III, 02 Hour / week / student should be considered for the calculation of load of a teacher.