

MVN University, Palwal

**M. Tech. Civil Engineering (Regular)
(w.e.f.- 2014)**

MVN University, Palwal

M. Tech. Civil Engineering (w.e.f.- 2014)

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
4	Project Work	4	0	0	1	0	1	4
5	Dissertation	10	0	0	1	1	2	20
	Grand Total		7	7	3	1	18	72

SCHEME OF EXAMINATION (M. Tech. 1st Sem.)

S. No	Name of the Paper	Code	Teaching Schedule				Credit	Evaluation Scheme		
			L	T	P	Total Hrs		Ext	Int	Total
1	Elasticity and Plasticity (E&P)	CEL-501-A	4	0	0	4	4	100	50	150
2	Advanced Structural Analysis (ASA)	CEL-503-A	4	0	0	4	4	100	50	150
3	Numerical Techniques (NT)	AHL-507-A	4	0	0	4	4	100	50	150
4	Elective I (EI)		4	0	0	4	4	100	50	150
5	Elective II (E II)		4	0	0	4	4	100	50	150
6	Seminar I (S I)	CEC- 505-A	0	0	2	2	1	30	20	50
7	Structural Engineering Lab (SE LAB)	CEP -507-A	0	0	3	3	2	30	20	50
	Total		20	0	5	25	23	560	290	850

SCHEME OF EXAMINATION (M. Tech. 2nd Sem.)

S. No	Name of the Paper	Code	Teaching Schedule				Credit	Evaluation Scheme		
			L	T	P	Total Hrs		Ext	Int	Total
1	Advanced Concrete Design (ACD)	CEL-502-A	4	0	0	4	4	100	50	150
2	Pavement Analysis and Design (PAD)	CEL-504-A	4	0	0	4	4	100	50	150
3	Structural Dynamics (SD)	CEL-506-A	4	0	0	4	4	100	50	150
4	Elective III (E III)		4	0	0	4	4	100	50	150
5	Elective IV (E IV)		4	0	0	4	4	100	50	150
6	Seminar II(S II)	CEC -508-A	0	0	2	2	1	30	20	50
7	CAD Lab (C LAB)	CEP- 510-A	0	0	3	3	2	30	20	50
	Total		20	0	5	25	23	560	290	850

SCHEME OF EXAMINATION (M. Tech. 3rd Sem.)										
S. No	Name of the Paper	Code	Teaching Schedule				Credit	Evaluation Scheme		
			L	T	P	Total Hrs		Ext	Int	Total
1	Comprehensive Viva Voce (CVV)	CEV-605-A	0	0	0	0	2	0	50	50
2	Project Work (PW)	CED-607-A	0	0	8	8	4	100	50	150
3	Dissertation Part I (DP I)	CED-609-A	0	0	20	20	10	100	50	150
	Total		0	0	28	28	16	200	150	350

Semester IV

SCHEME OF EXAMINATION (M. Tech. 4th Sem.)										
S. No	Name of the Paper	Code	Teaching Schedule				Credit	Evaluation Scheme		
			L	T	P	Total Hrs		Ext	Int	Total
1	Dissertation Part II (DP II)	CED-602-A	0	0	20	20	10	100	50	150
	Total		0	0	20	20	10	100	50	150

ELECTIVE I (E I) (Any one)	ELECTIVE II (E II) (Any one)
Urban Transportation Planning and Simulation (UTPS) (CEL-509-A)	Advanced Foundation Engineering (AFE) (CEL-515-A)
Repairs and Rehabilitation of Structure (RRS) (CEL-511-A)	Advanced Bridge Engineering (ABE) (CEL-517-A)
Construction Planning and Management (CPM) (CEL-513-A)	Civil Engineering Material (CEM) (CEL-519-A)

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

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 Project work, 02 Hour / week / student should be considered for the calculation of load of a teacher.