



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Master of Technology M Tech. (Transportation Engineering)
Choice Based Credit System (CBCS)

SEMESTER - I

S. No.	COURSE CODE	COURSE NAME	EXAMINATION SCHEME					TEACHING SCHEME/WEEK			CREDITS	TOTAL MARKS
			THEORY			PRACTICAL		Th	T	P		
			End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)					
1	MTCE2101	System Mathematics & Mathematical Modelling	60	20	20	–	–	3	1	0	4	100
2	MTCE2102	Material Science & Concrete Technology	60	20	20	30	20	3	1	2	5	150
3	MTCE2103	Soil Mechanics In Highway Engineering	60	20	20	30	20	3	1	2	5	150
4	Elective -I	Traffic Engineering	60	20	20	–	–	3	1	0	4	100
5	Elective -II	Alignment & Geometric Design Of Highways	60	20	20	–	–	3	1	0	4	100
6	MTCE2108	Comprehensive Viva	–	–	–	100	–	0	0	8	4	100
7	MTCE2109	Software Lab	–	–	–	–	50	0	0	4	2	50
8	MTCE2110	GD/Seminar	–	–	–	–	50	0	0	4	2	50
			300	100	100	160	140	15	5	20	30	800

Legends: Th - Theory ; T - Tutorial/Teacher Guided Student Activity ; P - Practical

Legends: Th - Theory ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

Elective-I	
MTCE2104	Traffic Engineering
MTCE2105	Bridge Engineering

Elective-II	
MTCE2106	Gis & Remote Sensing In Transportation Engineering
MTCE2107	Alignment & Geometric Design Of Highways

*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore

Head of Institution
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore