



Shri Vaishnav Vidyapeeth Vishwavidyalaya

Master of Technology (Transportation Engineering)

Choice Based Credit System (CBCS)

SEMESTER - I

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P		THEORY			PRACTICAL		
							End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	MTCE2101	System Mathematics and Mathematical Modelling	3	0	0	3	60	20	20	–	–	100
2	MTCE2102	Material Science and Concrete Technology	2	1	2	4	60	20	20	30	20	150
3	MTCE2103	Soil Mechanics in Highway Engineering	2	1	2	4	60	20	20	30	20	150
4	MTCE2104	Traffic Engineering	2	1	0	3	60	20	20	–	–	100
5	Elective	Alignment and Geometric Design of Highways	2	1	0	3	60	20	20	–	–	100
6	MTCE2106	Comprehensive Viva	0	0	2	1	–	–	–	100	–	100
			11	4	6	18	300	100	100	160	40	700

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

Elective-I	
MTCE2105(1)	Alignment and Geometric Design of Highways
MTCE2105(2)	Bridge Engineering
MTCE2105(3)	GIS and Remote Sensing in Transportation Engineering

*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


Joint Registrar
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya, Indore