



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

## Master of Technology (Geotechnical Engineering)

Choice Based Credit System (CBCS)

### SEMESTER - II (w.e.f admission batch 2020-21)

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	MTCE4201	Dynamics of Soils and Foundations	2	1	0	3	60	20	20	–	–	100
2	MTCE4202	Stability Analysis of Slopes	2	1	0	3	60	20	20	–	–	100
3	MTCE4203	Geotechnical Exploration and Measurement Technique	3	0	2	4	60	20	20	30	20	150
4	MTCE4204	FEM in Geotechnical Engineering	2	1	0	3	60	20	20	–	–	100
5		Elective-I	2	1	0	3	60	20	20	–	–	100
6	MTCE4206	Comprehensive Viva	0	0	2	1	–	–	–	100	–	100
7	MTCE4207	Software Lab	0	0	2	1	–	–	–	–	50	50
			11	4	6	18	300	100	100	130	70	700

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

Elective-I	
MTCE4205(1)	Design of Underground Excavations
MTCE4205(2)	Design of Road Pavements
MTCE4205(3)	Geotechnical Earthquake Engineering

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

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