

M.Tech. in Geotechnical and Geoenvironmental Engineering (CEG)

Typical Course Plan for Full-Time Students

Sem.	Courses (Number, Abbreviated Title, L-T-P, credits)					Lecture courses	Contact h/week				Credits
	L	T	P	Total							
I	CVL700 Engineering Behaviour of Soils (3-0-0) 3 (L-T-P)	CVL701 Site Investigation and Foundation Design (3-0-0) 3	CVP700 Soil Engineering Lab (0-0-6) 3 Cancelled due to Online Teaching	PE-1 (3-0-0) 3		3	9	0	6	15	12
II	CVL702 Ground Improvement and Geosynthetics (3-0-0) 3	CVL703 Geoenvironmental Engineering (3-0-0) 3	CVP800 Geoenvironmental and Geotechnical Engg. Lab/ CVD700 Minor Project (for Part Time Students) (0-0-6) 3	PE-2 (3-0-0) 3	PE-3 (3-0-0) 3	4	12	0	6	18	15
Summer											
III	CVD800 Major Project Part-I (0-0-12) 6	PE-4 (3-0-0) 3				1	3	0	12	15	9
IV	CVD801 Major Project Part-II (0-0-24) 12					0	0	0	24	24	12

PE- Program Elective; L: T: P - Lecture: Tutorial: Practical

Total = 48

List of Courses to be Registered in 1st Semester of 2020-21

Course No.	Course Title	Course Coordinators with Emp. Code	L-T-P Structure	Core/ Elective	Slot
CVL 700	<i>Engineering Behaviour of Soils</i>	G.V. Ramana (15783)	3-0-0	Core	B
CVL 701	<i>Site Investigation and Foundation Design</i>	M. Datta (15341)	3-0-0	Core	H
CVL 704	<i>Finite Element Method in Geotechnical Engg</i>	T. Chakraborty (16335)	3-0-0	Elective	E

Slot-B: Monday and Thursday (930 hrs to 1050 hrs)

Slot-H: Monday, Wednesday (1100 hrs to 1150 hrs) and Thursday (1200 hrs to 1250 hrs)

Slot-E: Tuesday, Wednesday and Friday (1000 to 1050 hrs)

Note: Full-time students must register for all the above courses, and Part-time students may register all the above or at least two of the above courses.