

M.Tech. in Rock Engineering and Underground Structures (CEU)

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	CVL710 Engineering Properties of Rocks and Rock Masses (3-0-0) 3	CVL711 Structural Geology (3-0-0) 3	CVP710 Rock Mechanics Laboratory-I (0-0-6) 3	PE-1 (3-0-0) 3			3	9	0	6	15	12
II	CVL712 Slopes and Foundations (3-0-0) 3	CVL713 Analysis and Design of Underground Structures (3-0-0) 3	CVP810 Rock Mechanics Laboratory-II / CVD710 Minor Project (0-0-6) 3	PE-2 (3-0-0) 3	PE-3 (3-0-0) 3		4	12	0	6	18	15
Summer												
III	CVD810 Major Project Part-I (0-0-12) 6	PE-4 (3-0-0) 3					1	3	0	12	15	9
IV	CVD811 Major Project Part-II (0-0-24) 12						0	0	0	24	24	12

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 710	<i>Engineering Properties of Rocks and Rock Masses</i>	K.S. Rao (15601)	3-0-0	Core	A
CVL 711	<i>Structural Geology</i>	Tanusree Chakraborty (16335)	3-0-0	Core	D
CVL 704	<i>Finite Element Method in Geotechnical Engg</i>	Tanusree Chakraborty (16335)	3-0-0	Elective	E

Slot-A: Monday and Thursday (8:00 to 9:30 hrs)

Slot-D: Tuesday, Wednesday and Friday (9:00 to 10:00 hrs)

Slot-E: Tuesday, Wednesday and Friday (10:00 to 11:00 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.