

Master of Civil Engineering (CEPG) Geotechnical-DD

Prog	CCMT Code	Group	Sem	Course code	Course Title	L	T	P	Credits	FM
CEPG DD	CEGE	Core	1	CE731	Advanced Foundation Engineering	3	0	0	3	100
CEPG DD	CEGE	Core	1	CE732	Geotechnical Investigations and Ground Improvement Techniques	3	0	0	3	100
CEPG DD	CEGE	EL-1	1	CE6xx	Elective – I	3	0	0	3	100
CEPG DD	CEGE	EL-2	1	CE6xx	Elective – II	3	0	0	3	100
CEPG DD	CEGE	EL-3	1	CE6xx	Elective – III / Open Elective	3	0	0	3	100
CEPG DD	CEGE	Lab	1	CE681	Advanced Civil Engineering Lab -I	0	0	6	4	100
CEPG DD	CEGE		1		Total Semester Credit	15		6	19	600
CEPG DD	CEGE	Core	2	CE733	Rock Mechanics and Tunnel Engineering	3	0	0	3	100
CEPG DD	CEGE	EL-4	2	CE6xx	Elective – IV	3	0	0	3	100
CEPG DD	CEGE	EL-5	2	CE6xx	Elective – V	3	0	0	3	100
CEPG DD	CEGE	EL-6	2	CE6xx	Elective – VI	3	0	0	3	100
CEPG DD	CEGE	EL-7	2	CE6xx	Elective – VII / Open Elective	3	0	0	3	100
CEPG DD	CEGE	Lab	2	CE686	Advanced Civil Engineering Lab - II	0	0	3	2	100
CEPG DD	CEGE	Lab	2	CE690	Seminar	0	0	6	4	100
CEPG DD	CEGE		2		Total Semester Credit	15		9	21	700
CEPG DD	CEGE	DD only	3	3ME701	Research Methodology	3	0	0	3	100
CEPG DD	CEGE	Lab	3	CE691	Seminar and Comprehensive Viva - I	0	0	3	2	100
CEPG DD	CEGE	Lab	3	CE692	Dissertation (to be continued in 4 th Sem)	0	0	12	8	100
CEPG DD	CEGE		3		Total Semester Credit			15	13	300
CEPG DD	CEGE	Lab	4	CE693	Seminar and Comprehensive Viva - II	0	0	3	2	100
CEPG DD	CEGE	Lab	4	CE694	Dissertation	0	0	15	10	100
CEPG DD	CEGE		4		Total Semester Credit			18	12	200
CEPG DD	CEGE				Cumulative Total Credit				65	1800
List of Electives										
CEPG DD	CEGE	EL-x		CE617	Optimization Techniques in Civil Engineering	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE734	Soil Stabilization	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE735	Earth Pressure and Retaining Structures	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE737	Earth and Rock-fill Dams	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE738	Soil Structure Interaction	3	0	0	3	100

CEPG DD	CEGE	EL-x		CE739	Geo-environmental Engineering	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE740	Soil Dynamics and Geotechnical Earthquake Engineering	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE741	Reinforced Earth and Geotextiles	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE742	Continuum Mechanics	3	0	0	3	100
CEPG DD	CEGE	EL-x		CE743	Slope Stability and Earthen Dams	3	0	0	3	100
CEPG DD	CEGE	EL-x		MA604	Probability and Statistics	3	0	0	3	100