

Master in Civil Engineering (Transportation)

Prog	CCMT Code	Group	Sem	code	Course Title	L	T	P	Credits	FM
CEPG	CETE	Core	1	CE631	Transportation Planning	3	0	0	3	100
CEPG	CETE	Core	1	CE632	Pavement Analysis and Design	3	0	0	3	100
CEPG	CETE	EL-1	1	CE6xx	Elective – I	3	0	0	3	100
CEPG	CETE	EL-2	1	CE6xx	Elective – II	3	0	0	3	100
CEPG	CETE	EL-3	1	CE6xx	Elective – III / Open Elective	3	0	0	3	100
CEPG	CETE	Lab	1	CE681	Advanced Civil Engineering Lab -I	0	0	6	4	100
CEPG	CETE		1		Total Semester Credit	15		6	19	600
CEPG	CETE	Core	2	CE633	Traffic Engineering and Management	3	0	0	3	100
CEPG	CETE	EL-4	2	CE6xx	Elective – IV	3	0	0	3	100
CEPG	CETE	EL-5	2	CE6xx	Elective – V	3	0	0	3	100
CEPG	CETE	EL-6	2	CE6xx	Elective – VI	3	0	0	3	100
CEPG	CETE	EL-7	2	CE6xx	Elective – VII / Open Elective	3	0	0	3	100
CEPG	CETE	Lab	2	CE686	Advanced Civil Engineering Lab - II	0	0	3	2	100
CEPG	CETE	Lab	2	CE690	Seminar	0	0	6	4	100
CEPG	CETE		2		Total Semester Credit	15		9	21	700
CEPG	CETE	Lab	3	CE691	Seminar and Comprehensive Viva - I	0	0	3	2	100
CEPG	CETE	Lab	3	CE692	Dissertation (to be continued in 4 th Sem)	0	0	12	8	100
CEPG	CETE		3		Total Semester Credit			15	10	200
CEPG	CETE	Lab	4	CE693	Seminar and Comprehensive Viva - II	0	0	3	2	100
CEPG	CETE	Lab	4	CE694	Dissertation	0	0	15	10	100
CEPG	CETE		4		Total Semester Credit			18	12	200
CEPG	CETE				Cumulative Total Credit				62	1700
List of Electives										
CEPG	CETE	EL-x		CE634	Airport Planning and Design	3	0	0	3	100
CEPG	CETE	EL-x		CE635	Highway Economics	3	0	0	3	100
CEPG	CETE	EL-x		CE636	Railway Engineering	3	0	0	3	100
CEPG	CETE	EL-x		CE637	Remote Sensing and GIS and their Applications	3	0	0	3	100
CEPG	CETE	EL-x		CE638	Highway Construction Practices and Maintenance	3	0	0	3	100
CEPG	CETE	EL-x		CE639	Multi-modal Transportation System Planning and Design	3	0	0	3	100
CEPG	CETE	EL-x		CE640	Intelligent Transportation Systems	3	0	0	3	100
CEPG	CETE	EL-x		CE641	Advance Highway Design	3	0	0	3	100
CEPG	CETE	EL-x		CE642	Traffic Flow Theory	3	0	0	3	100
CEPG	CETE	EL-x		CE643	Highway Subgrade and Foundation	3	0	0	3	100
CEPG	CETE	EL-x		CE644	Pavement Materials	3	0	0	3	100
CEPG	CETE	EL-x		CE645	Urban Transportation Planning	3	0	0	3	100
CEPG	CETE	EL-x		CE646	Pavement Management System	3	0	0	3	100
CEPG	CETE	EL-x		CE647	System Analysis and Optimization Techniques	3	0	0	3	100
CEPG	CETE	EL-x		CE706	Environmental Impact Assessment	3	0	0	3	100
CEPG	CETE	EL-x		MA604	Probability and Statistics	3	0	0	3	100
CEPG	CETE	EL-x		CE649	Ground Improvement Technique	3	0	0	3	100