

**Master of Civil Engineering (CEPG) Transportation-DD**

Prog	CCMT Code	Group	Sem	code	Course Title	L	T	P	Credits	FM
CEPG DD	CETE	Core	1	CE631	Transportation Planning	3	0	0	3	100
CEPG DD	CETE	Core	1	CE632	Pavement Analysis and Design	3	0	0	3	100
CEPG DD	CETE	EL-1	1	CE6xx	Elective – I	3	0	0	3	100
CEPG DD	CETE	EL-2	1	CE6xx	Elective – II	3	0	0	3	100
CEPG DD	<b>CETE</b>	<b>EL-3</b>	<b>1</b>	<b>CE6xx</b>	<b>Elective – III / Open Elective</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>100</b>
CEPG DD	CETE	Lab	1	CE681	Advanced Civil Engineering Lab -I	0	0	6	4	100
CEPG DD	CETE		1		<b>Total Semester Credit</b>	<b>15</b>		<b>6</b>	<b>19</b>	<b>600</b>
CEPG DD	CETE	Core	2	CE633	Traffic Engineering and Management	3	0	0	3	100
CEPG DD	CETE	EL-4	2	CE6xx	Elective – IV	3	0	0	3	100
CEPG DD	CETE	EL-5	2	CE6xx	Elective – V	3	0	0	3	100
CEPG DD	CETE	EL-6	2	CE6xx	Elective – VI	3	0	0	3	100
CEPG DD	<b>CETE</b>	<b>EL-7</b>	<b>2</b>	<b>CE6xx</b>	<b>Elective – VII / Open Elective</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>100</b>
CEPG DD	CETE	Lab	2	CE686	Advanced Civil Engineering Lab - II	0	0	3	2	100
CEPG DD	CETE	Lab	2	CE690	Seminar	0	0	6	4	100
CEPG DD	CETE		2		<b>Total Semester Credit</b>	<b>15</b>		<b>9</b>	<b>21</b>	<b>700</b>
CEPG DD	CETE	DD only	3	3ME701	<b>Research Methodology</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>100</b>
CEPG DD	CETE	Lab	3	CE691	Seminar and Comprehensive Viva - I	0	0	3	2	100
CEPG DD	CETE	Lab	3	CE692	Dissertation (to be continued in 4 <sup>th</sup> Sem)	0	0	12	8	100
CEPG DD	CETE		3		<b>Total Semester Credit</b>			<b>15</b>	<b>13</b>	<b>300</b>
CEPG DD	CETE	Lab	4	CE693	Seminar and Comprehensive Viva - II	0	0	3	2	100
CEPG DD	CETE	Lab	4	CE694	Dissertation	0	0	15	10	100
CEPG DD	CETE		4		<b>Total Semester Credit</b>			<b>18</b>	<b>12</b>	<b>200</b>
CEPG DD	CETE				<b>Cumulative Total Credit</b>				<b>65</b>	<b>1800</b>
<b>List of Electives</b>										
CEPG DD	CETE	EL-x		CE634	Airport Planning and Design	3	0	0	3	100
CEPG DD	CETE	EL-x		CE635	Highway Economics	3	0	0	3	100
CEPG DD	CETE	EL-x		CE636	Railway Engineering	3	0	0	3	100
CEPG DD	CETE	EL-x		CE637	Remote Sensing and GIS and their Applications	3	0	0	3	100
CEPG DD	CETE	EL-x		CE638	Highway Construction Practices and Maintenance	3	0	0	3	100

CEPG DD	CETE	EL-x		CE639	Multi-model Transportation System Planning and Design	3	0	0	3	100
CEPG DD	CETE	EL-x		CE640	Intelligent Transportation Systems	3	0	0	3	100
CEPG DD	CETE	EL-x		CE641	Advance Highway Design	3	0	0	3	100
CEPG DD	CETE	EL-x		CE642	Traffic Flow Theory	3	0	0	3	100
CEPG DD	CETE	EL-x		CE643	Highway Subgrade and Foundation	3	0	0	3	100
CEPG DD	CETE	EL-x		CE644	Pavement Materials	3	0	0	3	100
CEPG DD	CETE	EL-x		CE645	Urban Transportation Planning	3	0	0	3	100
CEPG DD	CETE	EL-x		CE646	Pavement Management System	3	0	0	3	100
CEPG DD	CETE	EL-x		CE647	System Analysis and Optimization Techniques	3	0	0	3	100
CEPG DD	<b>CETE</b>	<b>EL-x</b>		<b>CE706</b>	<b>Environmental Impact Assessment</b>	3	0	0	3	<b>100</b>
CEPG DD	CETE	EL-x		MA604	Probability and Statistics	3	0	0	3	100
CEPG DD	CETE	EL-x		CE649	Ground Improvement Technique	3	0	0	3	100