## Revised Course Structure of B. Tech (Civil Engineering) programme

School of CIVIL Engineering
Program Structure of B. Tech. (Civil) Four Year Full Time Degree

	493-47-0	1 <sup>st</sup> Semester						try Batch 2	2 <sup>nd</sup> Semester				
	Course Code	Course Title	L	T	S/P	C .	S No	Course Code	Course Title	L	Т	S / P	
	MTL 1025	Engineering Mathematics-I	3	0	0	3	1	MTL 1026	Engineering Mathematics-II	3	0	0	
	CEL1001	Introduction to Civil Engineering	1	0	0	NC	2	CEL 1011	Applied Mechanics	3	1	0	_
_	LNL 1411	Professional Communication	2	0	2	3	3	CSL 1028	Programming using Python	2	0	4	-
	PHL 1012	Engineering Physics	3	0	2	4	4	PCL 1067	Discourse on Human Virtues	3	0	0	-
	EEL 1006	Fundamentals of Electrical Engineering	3	0	2	4	5	CEL 1012	Building Materials and Construction	3	0	2	
	MEL 1039	Engineering Graphics with CAD	1	0	2	2	6	MEP 1114	Engineering Workshop	0	0	2	-
	CSL 1022	Introduction to C Programming	3	0	2	4	7	LNP 1142	Language Lab-I	0	0	2	-
_	PCN1010	NSS Induction Program	0	0	0	NC NC	8		,				+
-		induction Program					-						t
ta	l Credits					20	Tot	al Credits	- th -				
		3 <sup>rd</sup> Semester							4 <sup>th</sup> Semester	T		S	Т
	Course Code	Course Title	L	Т	S/P	С	S N o	Course Code	Course Title	L	Т	/ P	
	CEL 2021	Strength of Materials	3	0	0	3	1	CEL 2023	Structural Analysis-I	3	1	0	
_	CEL 2022	Concrete Technology	3	0	0	3	2	CEL 2031	Design of Concrete Structures-I	3	1	0	-
	CEL 2041	Fluid Mechanics -I	3	*0	0	3	3	CEL 2042	Fluid Mechanics-II	3	1	0	
	PCL2042	Introduction to Logic	3	0	0	3	4	CEL 2081	Transportation Engineering-I	3	0	0	1
_	XXXX	Open Elective-I / MOOC	3	0	0	3	5	CEL 2051	Surveying for Civil Engineering	2	1	0	
	CEC 2071	Summer Internship/ Training -I				1	6	CEL 2062	Geotechnical Engineering-II	3	0	0	
	CEL2061	Geotechnical Engineering-I	3	0	0	3	7	MTL 2023	Integral Transforms & Complex Analysis	3	0	0	
	CEP 2021	Strength of Materials Lab	0	0	2	1	8	CEP 2051	Surveying for Civil Engineering Lab	0	0	2	
	CEP 2022	Concrete Technology Lab	0	0	2	1	9	CEP 2081	Transportation Engineering-I Lab	0	0	2	
	CEP 2041	Fluid Mechanics –I Lab	0	0	2	1	10	CEP 2062	Geotechnical Engineering-II Lab	0	0	2	
						22	Total	al Credits					+
ta	Credits					22	100	ai Credits					
		5 <sup>th</sup> Semester							6 <sup>th</sup> Semester				
_	Course Code	5 <sup>th</sup> Semester  Course Title	L	Т	S/P	С	S. N	Course Code	6 <sup>th</sup> Semester  Course Title	L	Т	S / P	
	Course Code		L 3	T 0	S/P	C 3				L 3	T 0	1	
-		Course Title .					N o	Code	Course Title		_	P P	
	CEL 3024	Course Title	3	0	0	3	N 0	Code CEL 3033	Course Title  Design of Steel Structures-I	3	0	/ P	
	CEL 3024 CEL 3032	Course Title  Structural Analysis-II  Design of Concrete Structures-II	3 2	0	0	3	N 0 1 2	Code  CEL 3033  CEL 3043	Course Title  Design of Steel Structures-I  Water Resources Engineering	3	0	/ P 0	
	CEL 3024 CEL 3032 CEL 3091	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating &	3 2 3	0 1 0	0 0	3 3 3	N 0 1 2 3	Code  CEL 3033  CEL 3043  CEL 3092	Course Title  Design of Steel Structures-I  Water Resources Engineering  Environmental Engineering-II	3 3	0 0	/ P 0 0	
	CEL 3024  CEL 3032  CEL 3091  CEL 3082  CEL 3101	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II	3 2 3 3	0 1 0 0	0 0 0 0	3 3 3 3	N 0 1 2 3 4	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063	Course Title  Design of Steel Structures-I  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology	3 3 3 3	0 0 0	/ P 0 0 0	
	CEL 3024 CEL 3032 CEL 3091 CEL 3082	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating &  Costing	3 2 3 3 3	0 1 0 0	0 0 0 0 0	3 3 3 3 3	N 0 1 2 3 4 5	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX	Course Title  Design of Steel Structures-1  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II	3 3 3 3 3	0 0 0 0	/ P 0 0 0 0	
	CEL 3024  CEL 3032  CEL 3091  CEL 3082  CEL 3101  CEE 3XXX	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating &  Costing  School Elective-I	3 2 3 3 3 3	0 1 0 0 0	0 0 0 0 0 0 0	3 3 3 3 3 3	N 0 1 2 3 4 5 6	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX	Course Title  Design of Steel Structures-I  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II	3 3 3 3 3 3 3	0 0 0 0 0 0	/ P 0 0 0 0 0 0 0 0 0	
	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India	3 2 3 3 3 3	0 1 0 0 0	0 0 0 0 0 0 0	3 3 3 3 3 3	N 0 1 2 3 4 5 6 7	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025	Course Title  Design of Steel Structures-I  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing	3 3 3 3 3 0	0 0 0 0 0 0 0	/ P 0 0 0 0 0 0 0 0 2	
	CEL 3024  CEL 3032  CEL 3091  CEL 3082  CEL 3101  CEE 3XXX  PCN3079  CEC 3072	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II	3 2 3 3 3 1	0 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 0 1	N 0 1 2 3 4 5 6 7 8 9	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092	Course Title  Design of Steel Structures-I  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing  Water Resources Engineering Lab	3 3 3 3 3 0 0	0 0 0 0 0 0 0 0	/ P 0 0 0 0 0 0 0 0 0 2 2 2	
	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating &  Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab	3 2 3 3 3 1	0 1 0 0 0 0	0 0 0 0 0 0 0 0	3 3 3 3 3 0 1	N 0 1 2 3 4 5 6 7 8 9	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043	Course Title  Design of Steel Structures-1  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing  Water Resources Engineering Lab  Environmental Engineering-II Lab	3 3 3 3 3 0 0	0 0 0 0 0 0 0 0	/ P 0 0 0 0 0 0 0 0 0 2 2 2	
	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab	3 2 3 3 3 1	0 1 0 0 0 0	0 0 0 0 0 0 0 0	3 3 3 3 3 3 0 1	N 0 1 2 3 4 5 6 7 8 9 To	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  Tall Credits	Course Title  Design of Steel Structures-I  Water Resources Engineering  Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing  Water Resources Engineering Lab	3 3 3 3 3 0 0	0 0 0 0 0 0 0 0	/ P 0 0 0 0 0 0 0 0 0 2 2 2	
a	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating &  Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab	3 2 3 3 3 3 1 1 0 0 0 L	0 1 0 0 0 0 0 0 T	0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 1 1 1 1 21	N 0 1 2 3 4 5 6 7 8 9 To S N 0.	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  Cal Credits  Course Code	Course Title  Design of Steel Structures-I  Water Resources Engineering Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing  Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title	3 3 3 3 3 0 0	0 0 0 0 0 0 0 0	/ P 0 0 0 0 0 0 0 0 0 0 0 2 2 2 2	
a	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating &  Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II	3 2 3 3 3 3 1 1 0 0 0 L L 3	0 1 0 0 0 0 0 T T 0	0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 1 1 1 1 21	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  Tall Credits  Course Code  CED 4112	Course Title  Design of Steel Structures-I  Water Resources Engineering Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing  Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title  Major Project (**)	3 3 3 3 3 3 0 0	0 0 0 0 0 0 0	/ P	
tal	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits  Course Code CEL 4034 CEE 4XXX	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II  School Elective-III	3 2 3 3 3 3 1 1 0 0 0 L 3 3 3	0 1 0 0 0 0 0 T T 0 0 0	0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 1 1 1 1 21 C	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1 2 2	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  CED 4112  CEE XXXX	Course Title  Design of Steel Structures-I Water Resources Engineering Environmental Engineering-II Rock Mechanics & Tunneling Technology  Open Elective-II School Elective-II Computer Aided Design & Drawing Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title Major Project (**) School Elective-IV (**)	3 3 3 3 3 3 3 0 0 0 0 L L 3 3	0 0 0 0 0 0 0 0 0	/ P	
tal	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits  Course Code CEL 4034 CEE 4XXX XXXX	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II  School Elective-III  Open Elective-III	3 2 3 3 3 3 1 1 0 0 0 C L 3 3 3 3 3 3 3 3 3	0 1 0 0 0 0 0 T T 0 0 0 0 0 0	0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 3 1 1 1 1 21  C 3 3 3	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  CED 4112  CEE	Course Title  Design of Steel Structures-I  Water Resources Engineering Environmental Engineering-II  Rock Mechanics & Tunneling Technology  Open Elective-II  School Elective-II  Computer Aided Design & Drawing  Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title  Major Project (**)	3 3 3 3 3 3 0 0	0 0 0 0 0 0 0	/ P	
tal	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits  Course Code CEL 4034 CEE 4XXX XXXX CEE 4XXX	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II  School Elective-III  Open Elective-III  School Elective-III	3 2 3 3 3 3 1 1 0 0 0 L 3 3 3	0 1 0 0 0 0 0 T T 0 0 0	0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 3 1 1 1 1 1 21  C 3 3 3 3 3 3	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1 2 2	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  CED 4112  CEE XXXX	Course Title  Design of Steel Structures-I Water Resources Engineering Environmental Engineering-II Rock Mechanics & Tunneling Technology  Open Elective-II School Elective-II Computer Aided Design & Drawing Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title Major Project (**) School Elective-IV (**)	3 3 3 3 3 3 3 0 0 0 0 L L 3 3	0 0 0 0 0 0 0 0 0	/ P	
a	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits  Course Code CEL 4034 CEE 4XXX XXXX CEE 4XXX CED 4111	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II  School Elective-III  Open Elective-III  School Elective-III  Minor Project	3 2 3 3 3 3 1 L 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 3 1 1 1 1 21  C 3 3 3 4	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1 2 2	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  CED 4112  CEE XXXX	Course Title  Design of Steel Structures-I Water Resources Engineering Environmental Engineering-II Rock Mechanics & Tunneling Technology  Open Elective-II School Elective-II Computer Aided Design & Drawing Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title Major Project (**) School Elective-IV (**)	3 3 3 3 3 3 3 0 0 0 0 L L 3 3	0 0 0 0 0 0 0 0 0	/ P	
	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits  Course Code CEL 4034 CEE 4XXX XXXX CEE 4XXX CED 4111 BUL 4011	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II  School Elective-III  Open Elective-III  School Elective-III  Minor Project  Entrepreneurship Management	3 2 3 3 3 3 1 1 0 0 0 C L 3 3 3 3 3 3 3 3 3	0 1 0 0 0 0 0 T T 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 3 1 1 1 1 21  C 3 3 3 4 3	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1 2 2	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  CED 4112  CEE XXXX	Course Title  Design of Steel Structures-I Water Resources Engineering Environmental Engineering-II Rock Mechanics & Tunneling Technology  Open Elective-II School Elective-II Computer Aided Design & Drawing Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title Major Project (**) School Elective-IV (**)	3 3 3 3 3 3 3 0 0 0 0 L L 3 3	0 0 0 0 0 0 0 0 0	/ P	
tal	CEL 3024 CEL 3032 CEL 3091 CEL 3082 CEL 3101 CEE 3XXX PCN3079 CEC 3072 CEP 3091 CEP 3024 Credits  Course Code CEL 4034 CEE 4XXX XXXX CEE 4XXX CED 4111	Course Title  Structural Analysis-II  Design of Concrete Structures-II  Environmental Engineering -I  Transportation Engineering-II  Construction Management Estimating & Costing  School Elective-I  Constitution of India  Summer Internship/Training-II  Environmental Engineering -I Lab  Structural Analysis-II Lab  7th Semester  Course Title  Design of Steel Structures-II  School Elective-III  Open Elective-III  School Elective-III  Minor Project	3 2 3 3 3 3 1 L 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 2 2 2	3 3 3 3 3 3 3 1 1 1 1 21  C 3 3 3 4	N 0 1 2 3 4 5 6 7 8 9 To S N 0. 1 2 2	Code  CEL 3033  CEL 3043  CEL 3092  CEL 3063  XXXX  CEE 3XXX  CEP 3025  CEP 3043  CEP 3092  CED 4112  CEE XXXX	Course Title  Design of Steel Structures-I Water Resources Engineering Environmental Engineering-II Rock Mechanics & Tunneling Technology  Open Elective-II School Elective-II Computer Aided Design & Drawing Water Resources Engineering Lab Environmental Engineering-II Lab  8th Semester  Course Title Major Project (**) School Elective-IV (**)	3 3 3 3 3 3 3 0 0 0 0 L L 3 3	0 0 0 0 0 0 0 0 0	/ P	

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	LIST OF SCHOOL ELECTIVES											
S. No.	Course Code	Course Title	L	T	S	С						
A	CEE 3111 CEE 3064 CEE 3052 CEE 3044 CEE 3113 CEE 3112 CEE 3083 CEE 3027	h. Advance Construction practice i. Advance Foundation Engineering j. Remote Sensing and GIS k. Advance Hydraulic l. Introduction to Engineering Seismology m. Glass in Buildings: Design and applications n. Introduction to Multimodal Urban Transportation Systems (MUTS) c. Advanced Structural Analysis	3	0	0	3						
В	CEE 3065 CEE 3093 CEE 3102	<ul><li>d. Engineering Geology</li><li>c. Air and Noise pollution control</li><li>d. Construction Equipment's &amp; Automation</li></ul>	3	0	0	3						
С	CEE 4035 CEE 4094 CEE 4083 CEE 4066	e. Earthquake Resistant Design f. Solid and hazardous waste management g. High speed railway Engineering h. Reinforced Earth and Geotextiles	3	0	0	3						
D	CEE 4036 CEE 4045 CEE 4037 CEE 4067	<ul> <li>e. Pre stressed Concrete</li> <li>f. Industrial waste water treatment and management</li> <li>g. Bridge Engineering</li> <li>h. Earth and Earth Retaining Structures</li> </ul>	3	0	0	NC						

Note – In addition to the above mentioned courses MOOC (SYAYAM/NPTEL) may also be offered as School or Open Elective, as decided by AAC of School from time to time