

Department of Technology (Civil Engineering) Program – Syllabus w. e. f. 2019-20



DEPARTMENT OF TECHNOLOGY
FINAL YEAR B.TECH
 Scheme of Teaching and Examination
 Semester – VII (Civil Engineering)

Subject Code	Subject	Teaching Scheme (Hours / Week)				Examination Scheme (Marks)					
		L	T	P	Credits	Theory			Practical		
						Scheme	Max. marks	Min. Passing #	Scheme	Max. marks	Min. Passing
*CE 411	Design of RCC Structures -I	03	01	-	04	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE 412	Estimating and Costing	03	-	-	03	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE 413	Earthquake Engineering	03	-	-	03	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE 414	Water Resources Engineering - II	03	-	-	03	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
	Elective-I	04	-	-	04	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE L 415	Major Project Phase-I*	-	-	02*	03	-----	-----	-----	IOE	50	20
CEL 416	Lab-I Structural Design and Drawing - II	-	-	02	01	-----	-----	-----	EOE	50	20
CEL 417	Lab-II Estimating and Costing	-	-	02	01	-----	-----	-----	EOE	50	20
CE L 418	Lab-III Earthquake Engineering	-	-	02	01	-----	-----	-----	EOE	50	20
	Lab IV Elective-I	-	-	02	01	-----	-----	-----	EOE	50	20
CE 419	Report on Field Training	-	-	-	01	-----	-----	-----	IOE	50	20
	Total	16	01	10	25	-----	500	-----	-----	300	-----
Audit Course											
AC 416	Introduction to Constitution of India	2	-	-	-	Institute/ Departmental Level	100	20	-----	-----	-----

Total Credits: 25

Total Contact Hours/Week: 27 hrs

Note:

- #: Minimum 40% marks required in CIE to become eligible for SEE.
- Tutorials and practical shall be conducted in batches with batch strength not exceeding 18 students.
- Contact hours of 2 with Guide for Project Phase I for a batch of 12 students
- * Theory paper will be of 4 hours.

CIE – Continuous Internal Evaluation, SEE – Semester End Examination,
 IPE – Internal Practical Evaluation, EPE–External Practical Examination,
 IOE– Internal Oral Evaluation, EOE–External Oral Examination

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**DEPARTMENT OF TECHNOLOGY
FINAL YEAR B.TECH**

Scheme of Teaching and Examination
Semester – VIII (Civil Engineering)

Subject Code	Subject	Teaching Scheme (Hours / Week)				Examination Scheme (Marks)					
		L	T	P	Credits	Theory			Practical		
						Scheme	Max. marks	Min. Passing #	Scheme	Max. marks	Min. Passing
*CE 421	Design of RCC Structures-II	03	01	-	04	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE 422	Town and Country Planning	03	-	-	03	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE 423	Construction Practices	03	-	-	03	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE	Elective-II	04	-	-	04	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CE	Elective-III	04	-	-	04	CIE	50	20	-----	-----	-----
						SEE	50	20	-----	-----	-----
CEL 424	Major Project Phase - II	-	-	02 \$	04	-----	-----	-----	IOE	50	20
									EOE	100	40
CEL 425	Lab-I Structural Design and Drawing - III	-	-	02	01	-----	-----	-----	EOE	50	20
CEL 426	Lab-II Elective-II	-	-	02	01	-----	-----	-----	EOE	50	20
						-----	-----	-----			
CE L	Lab-III Elective-III	-	-	02	01	-----	-----	-----	EOE	50	20
						-----	-----	-----			
	Total	16	01	10	25	-----	500	-----	-----	300	-----
Audit Course											
AC 427	Professional Ethics	02	-	-	02	Institute/ Departmental Level	100	20	-----	-----	-----

Total Credits: 25

Total Contact Hours/Week: 27 hrs

Note:

#: Minimum 40% marks required in CIE to become eligible for SEE.

• Tutorials and practical shall be conducted in batches with batch strength not exceeding 18 students.

\$ Students are expected to do self study for two hours as per the guidance given by the project guide hence contact hours to be taken as two for the calculation of contact hours.

* Theory paper will be of 4 hours.

CIE – Continuous Internal Evaluation, SEE – Semester End Examination,

IPE – Internal Practical Evaluation, EPE–External Practical Examination,

IOE– Internal Oral Evaluation, EOE–External Oral Examination