1. Program Educational Objectives (PEOs)

- Civil Engineering Graduate will be able to identify, formulate, and solve Civil Engineering problems
- Civil Engineering Graduate will be able to deliver the professional and ethical responsibilities
- Civil Engineering Graduate will be able to communicate effectively to function within multidisciplinary teams
- Civil Engineering Graduate will have capability and spirit of lifelong learning to cope up with global trends.

B. Tech. (Civil Engineering)

SEM -III													
Category	Course Code	Name of the Course	Teaching Scheme				Evaluation Scheme						Credits
							Theory			Practical		Total	
			Theory Hrs /week	Tutorial Hrs/week	Practical Hrs/week	Total	MSE	TA	ESE	ICA	ESE		
Basic Science Course	SHU321A SHU 322A	Differential Equations and Probability *Integral Calculus and Probability	3	-	-	3	30	10	60	-	-	100	3
Professional Corecourses	CEU321	Fluid Mechanics	3	-	-	3	30	10	60	-	-	100	3
Professional Corecourses	CEU322	Building Materials and Construction	3	-	-	3	30	10	60	-	-	100	3
Professional Corecourses	CEU323	Solid Mechanics	3	-	-	3	30	10	60	-	-	100	3
Mandatory courses (noncredit)	SHU323	Introduction to Constitution of India	1	-	-	-	-	20	30	-	-	50	0
Professional Core courses	CEU324	Engineering Geology	3	-	-	3	30	10	60	-	-	100	3
Professional Core courses	CEU325	Building Materials and Construction Lab	-	-	2	2	-	-	-	25	25	50	1
Professional Core courses	CEU326	Engineering Geology Lab	-	-	2	2	-	-	-	25	25	50	1
Professional Core courses	CEU327	Solid Mechanics Lab	-	-	2	2	-	-	-	25	25	50	1
	Total		**16**	**00**	**06**	**21**	**150**	**70**	**330**	**75**	**75**	**700**	**18**

**For Direct Second Year Admitted Students*

TA: Teacher's Assessment MSE: Mid Semester Examination ESE: End Semester Examination ICA: Internal Continuous Assessment

ESE Duration for Theory: 2.30 Hrs

B. Tech. (Civil Engineering)

SEM -IV

Category	Course Code	Name of the Course	Teaching Scheme				Evaluation Scheme						Credits
							Theory			Practical		Total	
			Theory Hrs /week	Tutorial Hrs/week	Practical Hrs/week	Total	MSE	TA	ESE	ICA	ESE		
Professional Core courses	CEU421	Hydraulic Engineering	3	-	-	3	30	10	60	-	-	100	3
Professional Core courses	CEU422	Surveying	3	-	-	3	30	10	60	-	-	100	3
Professional Core courses	CEU423	Transportation Engineering	3	-	-	3	30	10	60	-	-	100	3
Professional Core courses	CEU424	Concrete Technology	3	-	-	3	30	10	60	-	-	100	3
Professional Core courses	CEU425	Hydrology & Water Resources Engineering	3	-	-	3	30	10	60	-	-	100	3
Basic Science	SHU422	Environmental ~~Science~~ Studies	1	-	-	-	-	20	30	-	-	50	0
Professional Core courses	CEU426	Hydraulic Engineering Lab	-	-	2	2	-	-	-	25	25	50	1
Professional Core courses	CEU427	Surveying Lab	-	-	2	2	-	-	-	25	25	50	1
Professional Core courses	CEU428	Transportation Engineering Lab	-	-	2	2	-	-	-	25	25	50	1
Professional Core courses	CEU429	Materials, Testing & Evaluation Lab	-	-	2	2	-	-	-	25	25	50	1
Basic Science	SHU425	Human Values and Ethics	1	-	-	1	-	20	30	-	-	50	0
		Total	**17**	**00**	**08**	**24**	**150**	**90**	**360**	**100**	**100**	**800**	**19**

TA: Teacher's Assessment MSE: Mid Semester Examination ESE: End Semester Examination ICA: Internal Continuous Assessment

ESE Duration for Theory: 2.30 Hrs