

B.Tech. (Civil) 3rd to 8th Semester (Session 2009-10 onwards)
SCHEME OF EXAMINATION FOR B.TECH. (CIVIL) DEGREE COURSE
III SEMESTER EXAMINATION

Course No.	Subject	<u>Teaching Schedule</u>				Course Credits	Duration of Exam. (Hrs.)
		L	T	P/D	Total		
CET-201	Structural Analysis-I	3	2	-	5	4	3
CET-203	Building Construction Materials & Drawing	4	-	2	6	5	3
CET-205	Fluid Mechanics-I	3	2	-	5	4	3
CET-207	Surveying-I	3	1	-	4	3.5	3
CET-209	Engineering Geology	3	1	-	4	3.5	3
MAT-201	Mathematics III	3	1	-	4	3.5	3
CET-211	Structural Mechanics-I(P)	-	-	2	2	1	3
CET-213	Fluid Mechanics-I(P)	-	-	2	2	1	3
CET-215	Surveying-I(P)	-	-	3	3	1.5	3
		19	7	9	35	27	

**SCHEME OF EXAMINATION FOR B.TECH. (CIVIL) DEGREE COURSE
IV SEMESTER EXAMINATION**

Course No.	Subject	<u>Teaching Schedule</u>				Course Credits	Duration of Exam. (Hrs.)
		L	T	P/D	Total		
CET-202	Structural Analysis-II	3	2	-	5	4	3
CET-204	Design of Steel Structures-I	3	-	2	5	4	3
CET-206	Fluid Mechanics-II	3	2	-	5	4	3
CET-208	Soil Mechanics	3	2	-	5	4	3
CET-210	Surveying-II	3	1	-	4	3.5	3
CET-212	Fluid Mechanics-II(P)	-	-	2	2	1	3
CET-214	Soil Mechanics(P)	-	-	2	2	1	3
CET-216	Surveying-II(P)	-	-	2	2	1	3
CET-218	Engineering Geology(P)	-	-	2	2	1	3
HUT-211	Organizational Behaviour	2	1	-	3	2.5	3
		17	8	10	35	26	

Note: Students shall devote 4 weeks to Survey Camp after 4th semester examination.

**SCHEME OF EXAMINATION FOR B.TECH. (CIVIL) DEGREE COURSE
V SEMESTER EXAMINATION**

Course No.	Subject	<u>Teaching Schedule</u>				Course Credits	Duration of Exam. (Hrs.)
		L	T	P/D	Total		
CET-301	Structural Analysis-III	3	2	-	5	4	3
CET-303	Design of Concrete Structures-I	4	2	-	6	5	4
CET-305	Hydrology	3	2	-	5	4	3
CET-307	Geotechnology-I	3	2	-	5	4	3
CET-309	Water Supply & Treatment	3	1	-	4	3.5	3
HUT-311	Business Management	3	1	-	4	3.5	3
CET-311	Environmental Engg.-I (P)	-	-	2	2	1	3
CET-313	Concrete Lab (P)	-	-	2	2	1	3
CET-315	Geotechnology (P)	-	-	2	2	1	3
CET-317	Survey Camp	-	-	-	-	3	-
		19	10	6	35	30	

**SCHEME OF EXAMINATION FOR B.TECH (CIVIL) DEGREE COURSE
VI SEMESTER EXAMINATION**

Course No.	Subject	<u>Teaching Schedule</u>				Course Credits	Duration of Exam. (Hrs.)
		L	T	P/D	Total		
CET-302	Design of Steel Structures-II	3	-	2	5	4	3
CET-304	Irrigation Engineering-I	3	2	-	5	4	3
CET-306	Water Resources & Systems Engineering	3	2	-	5	4	3
CET-308	Geotechnology-II	3	2	-	5	4	3
CET-310	Transportation Engineering-I	3	1	-	4	3.5	3
CET-312	Project Planning & Management	3	1	-	4	3.5	3
CET-314	Transportation Engg.I (P)	-	-	2	2	1	3
CET-316	Structural Mechanics-II (P)	-	-	2	2	1	3
CET-318	Computer Applications	-	-	2	2	1	3
CET-320	Seminar	-	1	-	1	0.5	
		18	9	8	35	26.5	

Note: Students shall devote 6 weeks to training after sixth semester examination outside the college campus at approved works.

**SCHEME OF EXAMINATION FOR B.TECH. (CIVIL) DEGREE COURSE
VII SEMESTER EXAMINATION**

Course No.	Subject	Teaching Schedule				Course Credits	Duration of Exam. (Hrs.)
		L	T	P/D	Total		
CET-401	Design of Concrete Structures-II	4	-	-	4	4	4
CET-403	Industrial Waste Water Treatment	3	1	-	4	3.5	3
CET-405	Transportation Engg.-II	3	1	-	4	3.5	3
CET-407	Sewerage & Sewage Treatment	2	1	-	3	2.5	3
CET-409	Concrete Structures-II(Drg.)	-	-	2	2	1.5	3
CET-411	Environmental Engg.II(P)	-	-	2	2	1	3
DEPARTMENTAL ELECTIVE-I		3	-	-	3	3.5	3
CET-413	Elements of Earthquake Engineering						
CET-415	Rock Mechanics						
CET-417	Advanced Traffic Engineering						
CET-439	Rural Water Supply & Sanitation						
CET-441	River Mechanics & Flood Control						
OPEN ELECTIVE-I		3	1	-	4	3.5	3
PROJECT-I		-	-	4(2)*	4(2)*	9	3
CET-427	Geotechnical Engineering OR						
CET-429	Transportation Engineering OR						
CET-431	Environmental Engineering OR						
CET-435	Water Resources Engineering OR						
CET-437	Structural Engineering						
CET-433	Practical Training Report	-	-	-	-	3	3
CET-443	Seminar	-	1	-	1	1	
		18	5	8(6)*	31(29)*	36	

* teaching load

**SCHEME OF EXAMINATION FOR B.TECH.(CIVIL)DEGREE COURSE
VIII SEMESTER EXAMINATION**

Course No.	Subject	Teaching Schedule				Course Credits	Duration of Exam. (Hrs.)
		L	T	P/D	Total		
CET-402	Bridge Engineering	3	1	-	4	3.5	3
CET-404	Railway & Airport Engineering	3	1	-	4	3.5	3
CET-406	Irrigation Engineering-II	3	1	-	4	3.5	3
CET-408	Estimation & Accounts	-	-	2	2	1.5	3
<u>DEPARTMENTAL ELECTIVE-II</u>		3	-	-	3	4	3
CET-410	Ground Water Engineering						
CET-412	Environmental Impact Assessment						
CET-442	Geosynthetics Engineering						
CET-444	Transport Planning						
CET-446	Introduction to FEM						
CET-448	Advanced Engg. Geology						
<u>OPEN ELECTIVE-II</u>							
-----	Environmental Studies	4	-	-	4	3.5	3
CET-422	Transportation Engg.-II(P)	-	-	2	2	1	3
CET-424	Irrigation Engg.Design & Drawing	-	-	2	2	1.5	3
<u>PROJECT-II</u>							
CET-426	Structural Engineering OR	-	-	4(2)*	4(2)*	9	3
CET-428	Water Resources Engineering OR						
CET-436	Geotechnical Engineering OR						
CET-438	Environmental Engineering OR						
CET-440	Transportation Engineering						
CET-432	Comprehensive Viva-Voce	-	-	-	-	3	3
CET-434	General Fitness & Professional Aptitude	-	-	-	-	3	3
		16	3	10	29(27)*	37	

* teaching load