

Structure of Curriculum for 2010 scheme

Semester I

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total	
		(L)	(T)	(P)	Hours	
AS-101	English/Social Science	2	1	--	3	3
AS-102	Engineering Physics - I	2	1	--	3	3
AS-103	Engineering Chemistry - I	2	1	--	3	3
AS-104	Engineering Maths - I	2	1	--	3	3
CE-101	Elements of Environmental Engineering	2	1	--	3	3
ME-101	Engineering Mechanics	2	1	--	3	3
EES-101	Basics of Electrical Engineering	2	1	--	3	3
AS-105	Chemistry Lab. - I	--	--	2	2	2
AS-106	Physics Lab. - I	--	--	2	2	2
ME-102	Engineering Mechanics Lab.	--	--	2	2	2
EES-111	Electrical Engineering Lab.	--	--	2	2	2
ME-103	Engineering Graphics - I	--	--	3	3	2
ME-104	Workshop - I	--	--	3	3	2

Semester II

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total	
		(L)	(T)	(P)	Hours	
AS-201	English/Social Science	2	1	--	3	3
AS-202	Engineering Physics - II	2	1	--	3	3
AS-203	Engineering Chemistry - II	2	1	--	3	3
AS-204	Engineering Maths. - II	2	1	--	3	3
CE-110	Elements of Civil Engineering	2	1	--	3	3
ME-201	Thermodynamics	2	1	--	3	3
EC-201	Basics of Electronics and Comm.	2	1	--	3	3
CS - 201	Fundamentals of Computing	2	1	--	3	2
AS-205	Chemistry Lab. - II	--	--	2	2	2
AS-206	Physics Lab. - II	--	--	2	2	2
ME-202	Engineering Graphics - II	--	--	3	3	2
ME-203	Workshop - II	--	--	3	3	2
CE-160	Elements of Civil Engineering Lab.	--	--	2	2	2

Semester III

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total Hours	
		(L)	(T)	(P)		
CE-201	Fluid Mechanics	3	1	-	4	4
CE-202	Mechanics of Solids	3	1	-	4	4
CE-203	Engineering Geology	3	1	-	4	4
AS-201	Numerical Method	3	1	-	4	4
CE-205	Surveying	3	1	-	4	4
CE-206	Civil Engineering Materials	3	1	-	4	4
CE-251	Fluid Mechanics Lab.	-	-	3	3	2
CE-253	Engineering Geology lab.	-	-	3	3	2
CE-255	Surveying Lab.	-	-	3	3	2
CE-256	Civil Engineering Materials Lab.	-	-	3	3	2

Semester IV

CE-210	Structural Analysis - I	3	1	-	4	4
CE-211	Geo-informatics	3	1	-	4	4
CE-212	Hydraulics	3	1	-	4	4
CE-213	Building Construction	3	1	-	4	4
AS-214	Computer System & Application	3	1	-	4	4
CE-215	Estimating - Coasting & CED	1	1	3	5	4
CE-260	Structural Analysis Lab. - I	-	-	3	3	2
CE-261	Geo - Informatics Lab.	-	-	3	3	2
CE-262	Hydraulics lab.	-	-	3	3	2
CE-265	Computer Practice - I			3	3	2

Semester V

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total Hours	
		(L)	(T)	(P)		
CE-301	Soil Mechanics	3	1	-	4	4
CE-302	Structural Analysis-II	3	1	-	4	4
CE-303	Design of Structures- I(Steel)	3	1	-	4	4
CE-304	Design of Structures-II (Concrete)	3	1	-	4	4
CE-305	Open Channel Flow	3	1	-	4	4
CE-306	Environmental Engineering-I	3	1	-	4	4
CE-353	Design of Structure Lab. - I	-	-	3	3	2
CE-354	Design of Structure Lab. - II	-	-	3	3	2
CE-356	Environmental Engineering Lab. I	-	-	3	3	2
CE-357	Survey Camp	-	-	4	4	2
CE-350	Computer Practice - II			3	3	2

Semester VI

CE-310	Geotechnical Engineering	3	1	-	4	4
CE-311	Structural Analysis-III	3	1	-	4	4
CE-312	Design of Structures-III	3	1	-	4	4
CE-313	Hydrology	3	1	-	4	4
CE-314	Transportation Engineering-I	3	1	-	4	4
CE-315	Environmental Engineering-II	3	1	-	4	4
CE-360	Geotechnical Engineering Lab.	-	-	3	3	2
CE-362	Design of Structures Lab.-III	-	-	3	3	2
CE-364	Transportation Engineering Lab.-I	-	-	3	3	2
CE-365	Environmental Engineering Lab-II	-	-	3	3	2

Semester VII

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total Hours	
		(L)	(T)	(P)		
CE-401	Foundation Engineering	3	1	-	4	4
CE-402	Irrigation Engineering	3	1	-	4	4
CE-403	Transportation Engineering-II	3	1	-	4	4
CE-404	Design of Structures -IV (concrete)	3	1	-	4	4
CE-405	Engineering Economics & Construction Management	3	1	-	4	4
CE-406	Water Resources Engineering - I	3	1	-	4	4
CE-407	Summer Practical Training	-	-	-	2	2
CE-408 A	Project	1	1	2	4	4
CE-454	Design of Structure lab - IV	-	-	2	2	2
CE-455	Construction Management Lab.	-	-	2	2	2

Semester VIII

CE-410	Water Resource Engineering - II	3	1	-	4	4
CE-411	Earthquake Resistant Design	3	1	-	4	4
CE-412	Environmental Engineering - III	3	1	-	4	4
CE-413	Elective - I	3	1	-	4	4
CE-414	Elective - II	3	1	-	4	4
CE-408 B	Project	3	0	10	13	10
CE-470	Seminar				0	2
Total		137	51	97	287	262