

Structure of Curriculum for 2017 scheme

Semester I

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total Hours	
		(L)	(T)	(P)		
AS-101	Communication Skills	3	0	0	3	3
AS-102	Engineering Physics I	2	1	0	3	3
AS-103	Engineering Chemistry I	2	1	0	3	3
AS-104	Engineering Maths I	3	1	0	4	4
CE-101	Basics of Civil Engineering & Environmental Engineering	2	1	0	3	3
ME-101	Basics of Mechanical Engineering	2	1	0	3	3
EE-101	Basics of Electrical Engineering	2	1	0	3	3
AS-151	Language Lab	0	0	2	2	1
AS-152	Engineering Physics Lab I	0	0	2	2	1
AS-153	Engineering Chemistry Lab I	0	0	2	2	1
ME-151	Workshop	0	0	4	4	2
ME-102	Engineering Mechanics Lab	0	0	2	2	1

Semester II

AS-201	Human Resource Management	3	0	0	3	3
AS-202	Engineering Physics II	2	1	0	3	3
AS-203	Engineering Chemistry II	2	1	0	3	3
AS-204	Engineering Mathematics II	3	1	0	4	4
EC-101	Basics of Electronics Engineering	3	0	0	3	3
FC-101	Fundamentals of Computing	2	1	0	3	3
AS-105	Innovative Science & Technology	3	1	0	4	4
ME-250	Engineering Graphics	0	0	4	4	2
AS-252	Engineering Physics Lab II	0	0	2	2	1
AS-253	Engineering Chemistry Lab II	0	0	2	2	1

Semester III

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total	
		(L)	(T)	(P)	Hours	
CE-301	Solid Mechanics	2	1	0	3	3
CE-302	Fluid Mechanics	2	1	0	3	3
CE-303	Civil Engineering Materials	3	0	0	3	3
CE-304	Surveying	3	0	0	3	3
CE-305	Engineering Geology	3	0	0	3	3
AS-301	Engineering Maths III	3	1	0	4	4
CE-351	Solid Mechanics Lab	0	0	2	2	1
CE-352	Fluid Mechanics Lab	0	0	2	2	1
CE-353	Civil Engineering Materials Lab	0	0	2	2	1
CE-354	Surveying Lab	0	0	2	2	1
CE-355	Engineering Geology Lab	0	0	2	2	1

Semester IV

CE-401	Structural Analysis I	2	1	0	3	3
CE-402	Hydraulics	2	1	0	3	3
CE-403	Building Construction	3	0	0	3	3
CE-404	Geometrics	2	1	0	3	3
CE-405	Estimating and Costing	3	0	0	3	3
CE-410	Numerical Analysis and Computer Programming	3	1	0	4	4
CE-451	Structural Analysis Lab	0	0	2	2	1
CE-452	Hydraulics Lab	0	0	2	2	1
CE-453	Civil Engineering Drawing	0	0	4	4	2
CE-454	Geometrics Lab	0	0	2	2	1
CE-460	Computer Lab	0	0	2	2	1

Semester V

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total	
		(L)	(T)	(P)	Hours	
CE-501	Structural Analysis II	2	1	0	3	3
CE-502	Design of Structure I	3	0	0	3	3
CE-503	Design of Structure II	3	0	0	3	3
CE-504	Open Channel Flow	2	1	0	3	3
CE-505	Soil Mechanics	3	1	0	4	4
CE-506	Environmental Engineering I	2	1	0	3	3
CE-552	Design of Structure I Lab	0	0	2	2	1
CE-553	Design of Structure II Lab	0	0	2	2	1
CE-555	Soil Mechanics Lab	0	0	2	2	1
CE-556	Environmental Engineering Lab I	0	0	2	2	1
CE-557	Survey Camp	0	0	2	2	1

Semester VI

CE-601	Structural Analysis III	2	1	0	3	3
CE-602	Design of Structure III	2	1	0	3	3
CE-603	Engineering Hydrology	2	1	0	3	3
CE-604	Geotechnical Engineering	2	1	0	3	3
CE-605	Environmental Engineering II	3	0	0	3	3
CE-606	Transportation Engineering I	3	0	0	3	3
CE-655	Environmental Engineering Lab II	0	0	2	2	1
CE-666	Transportation Engineering Lab	0	0	2	2	1
CE-667	Software Lab	0	0	2	2	1

Semester VII

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture	Tutorial	Practical	Total	
		(L)	(T)	(P)	Hours	
CE-701	Design of Structure IV	2	1	0	3	3
CE-702	Irrigation Engineering	3	0	0	3	3
CE-703	Foundation Engineering	3	0	0	3	3
CE-704	Engineering Economics & Construction Management	3	1	0	4	4
CE-705	Environmental Engineering III	2	1	0	3	3
CE-706	Transportation Engineering II	2	1	0	3	3
CE-751	Advance Structural Design Lab	0	0	2	2	1
CE-754	Cons Management Lab	0	0	2	2	1
CE-757	Summer Practical Training	0	0	2	2	1
CE-760	Project	0	0	8	8	4

Semester VIII

CE-801	Elective-I	3	1	0	4	4
CE-802	Elective-II	2	1	0	3	3
CE-803	Elective-III	2	1	0	3	3
CE-850	Seminar	0	0	2	2	1
CE-860	Project	0	0	16	16	8
Total		116	33	90	239	194