



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2016-17
M.E - STRUCTURAL ENGINEERING - LIST OF COURSES

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	Category	Contact Periods	L	T	P	C
I	1.	MA7154	Advanced Mathematical Methods	FC	4	3	1	0	4
I	2.	ST7101	Concrete Structures	PC	3	3	0	0	3
I	3.	ST7102	Structural Dynamics	PC	3	3	0	0	3
I	4.	ST7103	Theory of Elasticity and Plasticity	PC	3	3	0	0	3
I	5.	ST7002	Elective I- Maintenance and Rehabilitation of Structures	PE	3	3	0	0	3
I	6.	CN7001	Elective II- Advanced Concrete Technology	PE	3	3	0	0	3
TOTAL					19	18	1	0	19

SEMESTER II

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	Category	Contact Periods	L	T	P	C
II	1.	ST7201	Finite Element Analysis	PC	3	2	0	2	3
II	2.	ST7202	Experimental Techniques and Instrumentation	PC	3	2	0	2	3
II	3.	ST7203	Steel Structures	PC	3	3	0	0	3
II	4.	ST7204	Earthquake Analysis and Design of Structures	PC	3	3	0	0	3
II	5.	ST7008	Elective III- Prestressed Concrete	PE	3	3	0	0	3
II	6.	ST7009	Elective IV-Wind and Cyclone Effects on Structures	PE	3	3	0	0	3
II	7.	ST7211	Advanced Structural Engineering Laboratory	PC	4	0	0	4	2
TOTAL					22	16	0	8	20

SEMESTER III

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	Category	Contact Periods	L	T	P	C
III	1.	ST7013	Elective V- Design of Steel Concrete Composite Structures	PE	3	3	0	0	3
III	2.	ST7014	Professional Elective VI- Industrial Structures	PE	3	3	0	0	3
III	3.	ST7016	Professional Elective VII- Prefabricated Structures	PE	3	3	0	0	3
III	4.	ST7311	Seminar	EEC	2	0	0	2	1
III	5.	ST7312	Practical Training (4 Weeks)	EEC	0	0	0	0	1
III	6.	ST7313	Project Work (Phase I)	EEC	12	0	0	12	6
TOTAL					23	9	0	14	17

SEMESTER IV

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	Category	Contact Periods	L	T	P	C
IV	1.	ST7411	Project Work (phase II)	EEC	24	0	0	24	12
TOTAL					24	0	0	24	12

TOTAL NO OF CREDITS: 68

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PRINCIPAL

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