

Savitribai Phule University of Pune

M. E. Civil (Structures)

COURSE STRUCTURE (2017Course)

(w.e.f. June 2017)

University of Pune, Document on Rules and Regulation for P.G. Courses be referred for the detailed information

SEMESTER I

Code	Subject	Teaching scheme	Examination scheme					Credit
		Lect / practical	Paper		TW	Oral / presentation	Total	
			In Sem	End Sem				
501001	Theory of Elasticity & Plasticity	04	50	50	--	--	100	04
501002	Structural Dynamics	04	50	50	--	--	100	04
501003	Advanced Design of Steel Structures	04	50	50	--	--	100	04
501004	Numerical Methods in Structural Engineering	04	50	50	--	--	100	04
501005	Elective I	05	50	50	--	--	100	05
501006	Lab Practice I	04	--	--	50	50	100	04
Total		25	250	250	50	50	600	25

SEMESTER II

Code	Subject	Teaching scheme	Examination scheme					Credit
		Lect / practical	Paper		TW	Oral / presentation	Total	
			In Sem	End Sem				
501007	Finite Element Method	04	50	50	--	--	100	04
501008	Theory of Plates & Shells	04	50	50	--	--	100	04
501009	Advanced Design of Concrete Structures	04	50	50	--	--	100	04
501010	Elective II	05	50	50	--	--	100	05
501011	Lab Practice II	04	--	--	50	50	100	04
501012	Seminar I	04	--	--	50	50	100	04
Total		25	200	200	100	100	600	25

SEMESTER III

Code	Subject	Teaching scheme	Examination scheme					Credit
		Lect/practical	Paper		TW	Oral/presentation	Total	
			In Sem	End Sem				
601013	Research Methodology	04	50	50	--	--	100	04
601014	Analysis and Design of Earthquake Resistant Structures	04	50	50	--	--	100	04
601015	Elective III	05	50	50	--	--	100	05
601016	Seminar II	04	--	--	50	50	100	04
601017	Project Stage I	08	--	--	50	50	100	08
Total		25	150	150	100	100	500	25

SEMESTER IV

Code	Subject	Teaching scheme	Examination scheme					Credit
		Lect/practical	Paper		TW	Oral/presentation	Total	
			In Sem	End Sem				
601018	Seminar III	05	--	--	50	50	100	05
601019	Project Stage II	20	--	--	150	50	200	20
Total		25	--	--	200	100	300	25

Note: The Contact Hours for the calculation of load of teacher: Seminar - 1 hr /week/student &

Project - 2 hr/week/ student