CIVIL ENGINEERING

(PART TIME 3 - 1/2   Years)

REGULATION 2008

SEMESTER I

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE101	Numerical Methods	3	1	0	4
PCE102	Mechanics of Solids-I	3	1	0	4
PCE103	Mechanics of Fluids-I	3	0	0	3
PCE104	Surveying – I	3	0	0	3
	PRACTICAL				
PCE105	Concrete and Strength of Materials Lab	0	0	3	2
	TOTAL	**12**	**2**	**3**	**16**

SEMESTER – II

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE201	Mechanics of Solids II	3	1	0	4
PCE202	Mechanics of Fluids-II	3	0	0	3
PCE203	Surveying –II	3	0	0	3
PCE204	Geotechnical Engineering-I	3	0	0	3
	PRACTICAL				
PCE205	Hydraulic Engineering Lab	0	0	3	2
	TOTAL	**12**	**1**	**3**	**15**

Semester III

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE301	Environmental Engineering-I	3	0	0	3
PCE302	Structural Analysis - I	3	1	0	4
PCE303	Design and Detailing of Steel Structures	3	1	0	4
PCE304	Transportation Engineering – I	3	0	0	3

	PRACTICAL				
PCE305	Geo technical Laboratory	0	0	3	2
	TOTAL	**12**	**2**	**3**	**16**

Semester IV

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE401	Social Engineering	3	0	0	3
PCE402	Design and Detailing of RCC Structures - I	3	1	0	4
PCE403	Environmental Engineering – II	3	0	0	3
PCE404	Structural Analysis – II	3	1	0	4
	PRACTICAL				
PCE405	Environmental Engineering Lab	0	0	3	2
	TOTAL	**12**	**2**	**3**	**16**

Semester V

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE501	Design and Detailing of RCC Structures – II	3	1	0	4
PCE502	Transportation Engineering - II	3	0	0	3
PCE503	Water Resources Planning and Management	3	0	0	3
PCE504*	Elective - I	3	0	0	3
	PRACTICAL				
PCE505	Design and Drawing – II (Irrigation and Environmental Engg.)	0	0	4	2
	TOTAL	**12**	**1**	**4**	**15**

Semester VI

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE601	Professional Ethics and Human Values	3	0	0	3
PCE602	Basics of Earthquake Engineering and Seismic Design	3	1	0	4
PCE603	Prestressed Concrete Structures	3	1	0	4
PCE604*	Elective – II	3	0	0	3

	PRACTICAL				
PCE605	Computer Aided Structural Design and Detailing	0	0	4	2
	TOTAL	**12**	**2**	**4**	**16**

* *Denotes A, B, C, D and E*

Semester VII

Sub. Code	Name of the subject	L	T	P	C
	THEORY				
PCE701	Entrepreneurial Development Management	3	0	0	3
PCE702	Estimation, Costing and Valuation	3	0	0	3
PCE703*	Elective – III	3	0	0	3
	PRACTICAL				
PCE704	Main Project	0	0	12	6
	TOTAL	**9**	**0**	**12**	**15**

* *Denotes A, B, C, D and E*

TOTAL CREDITS = 109

LIST OF ELECTIVES

Elective - I

Sub. Code	Name of the subject	L	T	P	C
PCE504A	Industrial and tall Structure	3	0	0	3
PCE504B	Smart Material and Structures	3	0	0	3
PCE504C	Design of plate and shell Structures	3	0	0	3
PCE504D	Traffic Engineering and Management	3	0	0	3
PCE504E	Urban and Regional Planning	3	0	0	3

Elective - II

Sub. Code	Name of the subject	L	T	P	C
PCE604A	Air pollution control and management	3	0	0	3
PCE604B	Solid and Hazardous waste Management	3	0	0	3
PCE604C	Industrial waste water management	3	0	0	3
PCE604D	Environmental Impact Assessment	3	0	0	3
PCE604E	Unit operations and Processes in Environmental Engineering	3	0	0	3

Elective - III

Sub. Code	Name of the subject	L	T	P	C
PCE703A	Advanced foundation Engineering	3	0	0	3
PCE703B	Geo Environment Engineering	3	0	0	3
PCE703C	Finite Element Method	3	0	0	3
PCE703D	Disaster Management	3	0	0	3
PCE703E	Advanced Pavement Design	3	0	0	3