Sardar Patel College of Engineering
Academic Year 2023-24
Credit System for Honors Certification Program in Structural Engineering

Sr. No.	Course Name	Code	Course Plan per Week (Hrs)			Credits	In semester Evaluation (Points)		End Semester Evaluation (Points)		End semester weightage (%)	Term work/Practical	Total Points
			L	P	T		T-I	T-II	Points	Time (Hrs)			
Semester V													
1	Advanced theory of structures	PC-MST102	3	0	1	4	20	20	100	3	60%	25	125
2	Advanced concrete lab	PC-MST151	0	2	0	1	*	*	*	*	*	50	50
	Total credits for Honors student					**5**							
Semester VI													
3	Structural engineering lab	PC-MST254	0	2	0	1	*	*	*	*	*	50	50
	Total credits for Honors student					**1**							
Semester VII													
4	Non-linear analysis	EC-MST114	3	0	1	4	20	20	100	3	60%	25	125
5	Advanced solid mechanics	EC-MST125	3	0	1	4	20	20	100	3	60%	25	125
	Total credits for Honors student					**6**							
Semester VIII													
6	Advanced design of concrete structures	EC-MST214	3	0	0	3	20	20	100	3	60%	0	100
7	Model testing lab	PC-MST253	0	2	0	1	*	*	*	*	*	50	50
	Total credits for Honors student					**4**							
	Minimum TOTAL additional credits at graduation for Honors student					**18**							

Note :

1. The course list may be updated every semester based on the available resources
2. NPTEL courses may be offered subject to proper prior approval