



Semester - 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03605101	Environmental Science	0.00	2	-	-	20	-	20	-	-	16	-	40
03606102	Introduction to IT Systems Lab	2.00	-	4	-	-	100	-	-	-	-	40	100
03609101	Engineering Graphics	1.00	1	-	-	20	-	20	60	-	40	-	100
03609102	Engineering Graphics Lab	2.00	-	4	-	-	100	-	-	-	-	40	100
03609154	Engineering Workshop Practice	2.00	-	4	-	-	100	-	-	-	-	40	100
03691101	Mathematics - I	3.00	2	-	1	20	-	20	60	-	40	-	100
03692103	Applied Physics	3.00	3	-	-	20	-	20	60	-	40	-	100
03692104	Applied Physics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03693103	Communication Skills - I	1.00	1	-	-	-	-	100	-	-	40	-	100
	Total	15.00	9	14	1								790

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03602107	Applied Chemistry	3.00	3	-	-	20	-	20	60	-	40	-	100
03602108	Applied Chemistry Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605151	Engineering Mechanics	3.00	3	-	-	20	-	20	60	-	40	-	100
03605152	Engineering Mechanics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605153	Building Planning and Drawing	1.00	1	-	-	20	-	20	60	-	40	-	100
03605154	Building Planning and Drawing Lab	2.00	-	4	-	-	100	-	-	-	-	40	100
03605156	Computer Aided Drawing Lab	2.00	-	4	-	-	100	-	-	-	-	40	100
03691151	Mathematics-II	4.00	3	-	1	20	-	20	60	-	40	-	100
03693153	Communication Skills - II	1.00	1	-	-	-	-	100	-	-	40	-	100
	Total	18.00	11	12	1								800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 3

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03600201	Entrepreneurship and Start-ups	1.00	1	-	-	20	-	20	60	-	40	-	100
03605201	Construction Materials	3.00	3	-	-	20	-	20	60	-	40	-	100
03605202	Construction Materials Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605203	Concrete Technology	3.00	3	-	-	20	-	20	60	-	40	-	100
03605204	Concrete Technology Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605205	Hydraulics	2.00	2	-	-	20	-	20	60	-	40	-	100
03605206	Hydraulics Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605213	Fundamentals of Civil Engineering	2.00	2	-	-	20	-	20	60	-	40	-	100
03605214	Fundamentals of Civil Engineering Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605215	Mechanics of Materials	3.00	3	-	-	20	-	20	60	-	40	-	100
03605216	Mechanics of Materials Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03693203	Professional Communication and Critical Thinking	1.00	1	-	-	-	-	100	-	-	40	-	100
	Total	20.00	15	10									950

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 4

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03600251	Essence of Indian Knowledge and Tradition	0.00	2	-	-	20	-	20	-	-	16	-	40
03605251	Theory of Structure	4.00	3	-	1	20	-	20	60	-	40	-	100
03605253	Surveying	2.00	2	-	-	20	-	20	60	-	40	-	100
03605254	Surveying Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605255	Transportation Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03605256	Transportation Engineering Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605259	Geotechnical Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03605260	Geotechnical Engineering Lab	1.00	-	2	-	-	50	-	-	-	-	20	50
03605261	Water Resource Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03605264	Minor Project	1.00	-	2	-	-	50	-	-	-	-	20	50
03693251	Employability Skills	1.00	1	-	-	-	-	100	-	-	40	-	100
Total		20.00	17	8	1								840

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 5

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03605301	Design of Concrete Structure	3.00	3	-	-	20	-	20	60	-	40	-	100
03605302	Design of Concrete Structure Lab	2.00	-	4	-	-	60	-	-	40	-	40	100
03605303	Public Health Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03605304	Public Health Engineering Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03605305	Estimating, Costing and Valuation	5.00	3	-	2	20	30	20	60	20	40	20	150
03605307	Advance Construction Technology	3.00	3	-	-	20	-	20	60	-	40	-	100
03605308	Advance Construction Technology Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03605310	Summer Internship	2.00	-	-	-	-	100	-	-	-	-	40	100
03605314	Major Project - I	6.00	-	12	-	-	60	-	-	40	-	40	100
	Program Elective - I (Compulsory Subjects :1)	3.00	3	-	-	40	-	-	60	-	-	-	100
	Total	29.00	15	20	2								950

Semester - 5 Program Elective - I

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03605331	Highway Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03605333	Precast and Prestressed Concrete	3.00	3	-	-	20	-	20	60	-	40	-	100
03605335	Rural Construction Technology	3.00	3	-	-	20	-	20	60	-	40	-	100



Semester - 5 Program Elective - I

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03605337	Solid Waste Management	3.00	3	-	-	20	-	20	60	-	40	-	100

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40



Semester - 6

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03600351	Indian Constitution	0.00	2	-	-	20	-	20	-	-	16	-	40
03605351	Design of Steel Structure	3.00	3	-	-	20	-	20	60	-	40	-	100
03605352	Design of Steel Structure Lab	2.00	-	4	-	-	60	-	-	40	-	40	100
03605353	Construction Management	4.00	3	-	1	20	-	20	60	-	40	-	100
03605355	Repair and Maintenance of Structures	3.00	3	-	-	20	-	20	60	-	40	-	100
03605356	Repair and Maintenance of Structures Lab	1.00	-	2	-	-	30	-	-	20	-	20	50
03605360	Major Project - II	6.00	-	12	-	-	60	-	-	40	-	40	100
	Program Elective - I (Compulsory Subjects :1)	3.00	3	-	-	40	-	-	60	-	-	-	100
	Program Elective - II (Compulsory Subjects :1)	3.00	3	-	-	40	-	-	60	-	-	-	100
	Total	25.00	17	18	1								790

Semester - 6 Program Elective - I

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03605381	Railway, Harbour and Tunnel Engineering	3.00	3	-	-	20	-	20	60	-	40	-	100
03605383	Tendering Accounts	3.00	3	-	-	20	-	20	60	-	40	-	100
03605385	Construction Quality Control & Monitoring	3.00	3	-	-	20	-	20	60	-	40	-	100
03605387	Green Building and Energy Conservation	3.00	3	-	-	20	-	20	60	-	40	-	100



Semester - 6 Program Elective - II

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03605389	Pavement Design and Maintenance	3.00	3	-	-	20	-	20	60	-	40	-	100
03605391	Building Services and Maintenance	3.00	3	-	-	20	-	20	60	-	40	-	100
03605393	Disaster Management	3.00	3	-	-	20	-	20	60	-	40	-	100

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 40 Practical Passing % : 40