



SILVER OAK UNIVERSITY
EDUCATION TO INNOVATION

Silver Oak University

College Of Technology(01)

Department Of Civil Engineering (003)

Mtech CASAD(07)

Effective From: 2021-22

Sr No	Subject Code	Subject Name	Category	Teaching Scheme				Evaluation Scheme				Total Marks
				L.	T.	P.	Credit	CIE(TH)	CIE(PR)	ESE(TH)	ESE(PR)	
Semester 1												
1	1010037101	Advanced Structural Analysis	Professional Core Courses	2	0	0	2	40	-	60	-	100
2	1010037102	Structural Dynamics	Professional Core Courses	3	0	2	4	40	20	60	30	150
3	1010037103	Design of Concrete Structures	Professional Core Courses	3	0	2	4	40	20	60	30	150
4	1010037104	Design of Steel Structures	Professional Core Courses	3	0	2	4	40	20	60	30	150
5	1010037136	Advanced Concrete Technology	Program Elective 1	3	0	2	4	40	20	60	30	150
6	1010037137	Advance Foundation Technology	Program Elective 1	3	0	2	4	40	20	60	30	150
7	1010007196	Research Methodology	Mandatory Course	2	0	0	2	0	20	0	80	100
Total				19	0	10	24	Total Marks				950
Semester 2												
1	1010037105	Finite Element Method for Structural Engineering	Professional Core Courses	3	0	2	4	40	20	60	30	150
2	1010037106	Experimental Techniques in Structural Engineering	Professional Core Courses	3	0	2	4	40	20	60	30	150
3	1010037138	Structural Health Monitoring	Program Elective 2	3	0	2	4	40	20	60	30	150
4	1010037139	Design of Masonry Structures	Program Elective 2	3	0	2	4	40	20	60	30	150
5	1010037140	Prestressed Concrete Structures	Program Elective 3	3	2	0	5	40	20	60	30	150
6	1010037141	Bridge Structures	Program Elective 3	3	2	0	5	40	20	60	30	150
7	1010037142	Industrial Structures	Program Elective 3	3	2	0	5	40	20	60	30	150
8	1010037191	Mini Project With Seminar	Seminar	0	0	4	2	0	100	0	0	100
Total				21	6	12	33	Total Marks				1150
Semester 3												
1	1010037236	Design of Hydraulic Structures	Program Elective 4	3	0	0	3	40	-	60	-	100
2	1010037237	Design of Marine Structures	Program Elective 4	3	0	0	3	40	-	60	-	100
3	1010037238	Earthquake Engineering	Program Elective 4	3	0	0	3	40	-	60	-	100
4	1010037291	Dissertation Phase-I	Dissertation	0	0	24	12	0	40	0	60	100
Total				9	0	24	21	Total Marks				400
Semester 4												
1	1010037292	Dissertation Phase-II	Dissertation	0	0	30	15	0	40	0	60	100
Total				0	0	30	15	Total Marks				100