



Silver Oak University

College Of Technology(01)

Department Of Electronics & Communication Engineering (009)

Mtech EC(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	1010097101	Advanced Digital Signal Processing	Professional Core Courses	3	0	2	4	40	20	60	30	150	
2	1010097102	Digital Design using HDL and FPGA	Professional Core Courses	3	0	2	4	40	20	60	30	150	
3	1010097136	Speech Processing	Program Elective 1	3	0	2	4	40	20	60	30	150	
4	1010097137	Introduction to Artificial Intelligence	Program Elective 1	3	0	2	4	40	20	60	30	150	
5	1010097138	RF and Microwave Engineering	Program Elective 2	3	0	2	4	40	20	60	30	150	
6	1010097139	Satellite Communication	Program Elective 2	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				20	0	12	26					Total Marks	1000
Semester 2													
1	1010097103	Time Operating Systems for Embedded Sys	Professional Core Courses	3	0	2	4	40	20	60	30	150	
2	1010097104	Advanced Communication Networks	Professional Core Courses	3	0	2	4	40	20	60	30	150	
3	1010097140	MIMO Systems	Program Elective 3	3	0	2	4	40	20	60	30	150	
4	1010097141	Advanced Digital Communication	Program Elective 3	3	0	2	4	40	20	60	30	150	
5	1010097142	Neural Networks	Program Elective 4	3	0	2	4	40	20	60	30	150	
6	1010097143	Wireless and Mobile Networks	Program Elective 4	3	0	2	4	40	20	60	30	150	
7	1010097191	Mini Project With Seminar	Seminar	0	0	4	2	0	100	0	0	100	
Total				18	0	16	26					Total Marks	1000
Semester 3													
1	1010097236	Digital VLSI Design	Program Elective 5	3	0	2	4	40	20	60	30	150	
2	1010097237	Embedded System Design	Program Elective 5	3	0	2	4	40	20	60	30	150	
3	1010097291	Dissertation Phase-I	Dissertation	0	0	24	12	0	40	0	60	100	
Total				6	0	28	20					Total Marks	400
Semester 4													
1	1010097292	Dissertation Phase-II	Dissertation	0	0	30	15	0	40	0	60	100	
Total				0	0	30	15					Total Marks	100