

Silver Oak University

College Of Computer Application(04)

Department Of Computer Application(023)

BSc(DS&AI ML)

Effective From: 2022-23

Sr No	Subject Code	Subject Name	Short Name	Category	Teaching Scheme					Evaluation Scheme					
					L.	T.	P.	Contact Hours	Credit	CIE (TH)	CIE (PR)	ESE (TH)	ESE (PR)	Total Marks	
Semester 1															
1	2040233101	Database Management System	DBMS	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
2	2040233102	Logic Development Programming	LDP	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
3	2040273101	Mathematics for Computer Professionals	MCP	Professional Core Courses	3	1	0	4	4	40	0	60	0	100	
4	2040173181	Communication Skills	CS	Ability Enhancement Courses	3	0	0	3	3	40	0	60	0	100	
5	2040233103	Introduction to Web Designing	WD	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
Total					18	1	6	25	22	Total Marks					650
Semester 2															
1	2040273102	Statistical Method and Probability	SMP	Basic Science	3	1	0	4	4	40	0	60	0	100	
2	2040233106	Relational Database Management System	RDBMS	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
3	2040233107	Object Oriented Programming with Analysis and Design	OOPAD	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
4	2040173182	Aptitude Building and Professional Skills	ABPS	Ability Enhancement Courses	2	0	0	2	2	40	0	60	0	100	
5	2040233108	Advance Web Design	ADVWEB	Professional Core Courses	3	0	2	5	4	40	20	60	30	150	
6	2040003198	Environment Studies	ES	Ability Enhancement Courses	2	0	0	2	2	40	0	60	0	100	
Total					18	1	6	25	22	Total Marks					750
Semester 3															
1	2040233214	Data Mining	DM	Professional Core Courses	3	0	2	5	4	40	20	60	30	150	
2	2040233211	Programming in Python	PYTHON	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
3	2040233245	PHP	PHP	Program Elective -I	3	0	2	5	4	40	20	60	30	150	
4	2040233244	ASP.NET Core	.NET												
5	2040233218	Introduction to AI	AI	Professional Core Courses	3	0	2	5	4	40	20	60	30	150	
6	2040003296	Indian Constitution	IC	Mandatory	1	0	0	1	0	40	0	60	0	100	
7	2040233293	Minor Project -I	MP-I	Project	0	0	10	10	5	0	40	0	60	100	
Total					14	0	18	32	22	Total Marks					800
Semester 4															
1	2040233215	Machine Learning and Data Science	ML&DS	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
2	2040233216	Statics of ML	ML	Professional Core Courses	3	0	2	5	4	40	20	60	30	150	

3	2040233246	Big Data Analytics	BDA	Program Elective -II											
4	2040233247	Introudction to R Programming	R PROGRA MMING		3	0	2	5	4	40	20	60	30	150	
5	2040233217	Advance Python	Advance Python	Professional Core Courses	3	0	2	5	4	40	20	60	30	150	
6	2040233294	Minor Project -II	MP-II	Project	0	0	10	10	5	0	40	0	60	100	
Total					13	0	18	31	22	Total Marks				700	
Semester 5															
1	2040233307	Deep Learning	DL	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
2	2040233336	Digital Marketing & Content Writing	DMCW	Program Elective -III											
3	2040233337	E-Commerce	E- Commere e		2	0	0	2	2	40	0	60	0	100	
4	2040233342	Introduction to cloud computing	CLOUD	Program Elective -IV	4	0	2	6	5	40	20	60	30	150	
5	2040233339	Internet of Things	IOT												
6	2040233306	Information Security	IS	Professional Core Courses	4	0	2	6	5	40	20	60	30	150	
7	2040233392	Minor Project -III	MP-III	Project	0	0	10	10	5	0	50	0	100	150	
Total					14	0	16	30	22	Total Marks				700	
Semester 6															
1	2040233393	Major Project	MP	Project	0	0	40	40	20	0	40	0	60	100	
Total					0	0	40	40	20	Total Marks				100	

Category Bifurcati on	Categories		Total Credit	Range for Serial Number
	Core	Basic Science	80	01 to 10
		Engineering Science	0	11 to 15
		Professional Core Courses	520	16 to 35
	Elective	Professional Elective	80	36 to 60
		Open Elective/Ability Enhancement	0	61 to 80
	Enhanceme nt Course	HSS	0	81 to 90
		Skill Enhancement Course	0	
	Project/Dissertation/Seminar/IP		0	91 to 95
Audit/Mandatory Courses(AICTE/UGC/Any mandatory Course)		0	96 to 99	

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Semester	1	2	3	4	5	6	Total
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