

B.Sc MSDS Course Structure

Sem	Generic Code	Course code	Course Title	PPW	Credit	CIA	ESE	Passing minimum in	
								ESE	Aggregate
I	DSC1	DSC101	Fundamental of Information Technology	4	4	30	70	28	40
	DSC1-Pr	DSC111	Fundamental of Information Technology Lab	3	1	15	35	14	20
	AECC-1	AECC101	Environmental Science	2	2	15	35	14	20
II	DSC2	DSC202	Problem Solving and Python Programming	4	4	30	70	28	40
	DSC2-Pr	DSC212	Problem Solving and Python Programming Lab	3	1	15	35	14	20
	AECC-2	AECC	Gender Studies	2	2	15	35	14	20
III	DSC3	DSC303	Data Engineering with Python	4	4	30	70	28	40
	DSC3-Pr	DSC313	Data Engineering with Python - Lab	3	1	15	35	14	20
	SEC – 1	SEC301	Communication/Professional skills	2	2	15	35	13	20
	SEC - 2	SEC302	MINIPROJECT	2	2	15	35	13	20
IV	DSC4	DSC404	Machine Learning	4	4	30	70	28	40
	DSC-Pr	DSC414	Machine Learning Lab	3	1	15	35	14	20
	SEC – 3	SEC403	Leadership and Management skills/Human Values	2	2	15	35	13	20

	SEC - 4	SEC404	Mini Project	2	2	15	35	13	20
V	DSC5	DSC505 A	Natural Language Processing	4	4	30	70	28	40
	DSC5 -Pr	DSC515	Natural Language Processing Lab	3	1	15	35	14	20
	DSC5 B	DSC505 B	No SQL Data Bases	4	4	30	70	28	40
	DSC5 -Pr	DSC515 B	No SQL Data Bases Lab	3	1	15	35	14	20
VI	DSC6	DSC460 6A	Big Data	4	4	30	70	28	40
	DSC- Pr	DSC616 A	Big Data Lab	3	1	15	35	14	20
	DSC6 B	DSC606 B	Deep Learning	4	4	30	70	28	40
	DSC6 B-Pr	DSC616 B	Deep Learning Lab	3	1	15	35	14	20
	DSC7	DSC717	Major Project						