

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE
B.Tech Course Structure (R25 Regulations)

II B.Tech (I Sem)

Branch / Specialization: AI&DS

S.No.	Course Code	Name of the Course	Contact Hours per Week			Credits
			L	T	P	
1	R25AD301	Discrete Mathematics	3	0	0	3
2	R25AD302	Computer Organization and Architecture	3	0	0	3
3	R25AD303	Object Oriented Programming through Java	3	0	0	3
4	R25AD304	Software Engineering	3	0	0	3
5	R25AD305	Database Management System	3	0	0	3
6	R25MS306	Innovation and Entrepreneurship	2	0	0	2
7	R25AD307	Object Oriented Programming Java Lab	0	0	2	1
8	R25AD308	Software Engineering Lab	0	0	2	1
9	R25AD309	Database Management Systems Lab	0	0	2	1
10	R25AD310	Node JS/React JS/Django	0	0	2	1
Total Credits			17	0	8	21

L: Lecture Hour

T: Tutorial Hour

P: Lab/Practice Hour

II B.Tech (II Sem)

Branch / Specialization: AI&DS

S.No.	Course Code	Name of the Course	Contact Hours per Week			Credits
			L	T	P	
1	R25MA400	Mathematical and Statistical Foundations	3	0	0	3
2	R25AD402	Operating Systems	3	0	0	3
3	R25AD403	Algorithms Design and Analysis	3	0	0	3
4	R25AD404	Computer Networks	3	0	0	3
5	R25AD405	Machine Learning	3	0	0	3
6	R25MA406	Computational Mathematics Lab	0	0	2	1
7	R25AD407	Operating Systems Lab	0	0	2	1
8	R25AD408	Computer Networks lab	0	0	2	1
9	R25AD409	Machine Learning Lab	0	0	2	1
10	R25AD410	Data Visualization- R Programming/ Power BI	0	0	2	1
11	R25VA411	Indian Knowledge System	1	0	0	1
Total Credits			16	0	10	21

L: Lecture Hour

T: Tutorial Hour

P: Lab/Practice Hour