

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)

Teaching and Examination Scheme-2024-25
B.Tech_Computer Science and Engineering-Data Science

Sr. No.	Br.	YEAR	SEM.	Course Code	Course Name	Category	Teaching Scheme			Exam Hrs.	Marks			Credit
							L	T	P		CIE	SEE	Total	
1	DS	II	III	HSUL301/HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	1	0	0	3	40	60	100	1
2	DS	II	III	MAUL301	Statistics and Probability Theory	BSC	3	0	0	3	40	60	100	3
3	DS	II	III	CDUL301/ CSUL301/ CAUL301/ CIUL301/ ITUL301	Data Structures and Algorithms	PCC	3	1	0	3	40	60	100	4
4	DS	II	III	CDUL302	Foundation of Data Science	PCC	3	0	0	3	40	60	100	3
5	DS	II	III	CDUL303/ CSUL303/ CAUL303/ CIUL303/ ITUL303	Software Engineering and Project Management	PCC	3	0	0	3	40	60	100	3
6	DS	II	III	CSUL304/ CAUL304/ CDUL304/ CIUL304/ ITUL304	Digital Electronics	ESC	3	0	0	3	40	60	100	3
7	DS	II	III	CDUP320	Design and Analysis of Algorithms Lab	PCC	0	0	3	3	60	40	100	1.5
8	DS	II	III	CDUP321	Programming in Java Lab	PCC	0	0	3	3	60	40	100	1.5
9	DS	II	III	CDUP322	Python for Data Science Lab	PCC	0	0	3	2	60	40	100	1.5
10	DS	II	III	CDUP323	Digital Electronics Lab	PCC	0	0	3	3	60	40	100	1.5
11	DS	II	III	CDUT330	Industrial Training	PSIT	0	0	1	2	60	40	100	1
12	DS	II	III	CDUA300	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-	-	-	-	100	0.5
13	DS	II	III	NU99.4/ NU99.5	Technical Training/ Soft Skills Training		-	-	-	3	60	40	100	0
											Total Credit			24.5

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							L	T	P		CIE	SEE	Total	
1	DS	II	IV	HSUL401/HSUL402	Managerial Economics and Financial Accounting / Technical Communication	HSMC	1	0	0	3	40	60	100	1
2	DS	II	IV	MAUL402	Discrete Mathematics and Linear Algebra	BSC	3	0	0	3	40	60	100	3
3	DS	II	IV	CDUL401/ CAUL401/ CSUL401/ CIUL401/ ITUL401	Database Management System	PCC	3	0	0	3	40	60	100	3
4	DS	II	IV	CDUL402/ CAUL402	Full Stack Development	PCC	2	0	0	3	40	60	100	2
5	DS	II	IV	CDUL403/ CSUL403/ CIUL403/ CAUL403/ ITUL403	Computer Network	PCC	3	0	0	3	40	60	100	3
6	DS	II	IV	CDUL404/ CSUL302/ CAUL404/ CIUL404/ ITUL302	Operating System	PCC	3	0	0	3	40	60	100	3
7	DS	II	IV	CSUL405/ CAUL405/ CDUL405/ CIUL405/ ITUL405	Computer Architecture and Microprocessor	ESC	2	0	0	3	40	60	100	2
8	DS	II	IV	CDUP420	Database Systems Lab	PCC	0	0	3	3	60	40	100	1.5
9	DS	II	IV	CDUP421	Full Stack Development Lab	PCC	0	0	3	3	60	40	100	1.5
10	DS	II	IV	CDUP422	Microprocessor Lab	PCC	0	0	3	3	60	40	100	1.5
11	DS	II	IV	CDUP423	R-Programming for Data Science	PCC	0	0	3	3	60	40	100	1.5
12	DS	II	IV	CDUA400	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-	-	-	-	100	0.5
13	DS	II	IV	NU99.4/ NU99.5	Technical Training/ Soft Skills Training		-	-	-	3	60	40	100	0
											Total Credit			23.5