

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)
Teaching and Examination Scheme (For Students Admitted in A.Y. 2024-25 & onwards)
B.Tech_Computer Science and Engineering (DS)

Sr. No.	Br.	YEAR	SEM.	Course Code	Course Name	Category	Teaching & Learning Scheme					Exam Hrs.	Marks			Credit
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term work (TW) and Self Learning (SL) (TW+SL)	Total no. of Hours per semester		CIE	SEE	Total	
							L	T	P	SL						
1	DS	III	V	CDUL501/ CSUL501/ CAUL501/ CIUL601/ ITUL501	Design and Analysis of Algorithms	PCC	45	0	0	45	90	3	40	60	100	3
2	DS	III	V	CDUL502/ CSUL502/ CAUL502/ CIUL502/ ITUL502	Machine Learning	PCC	45	0	0	45	90	3	40	60	100	3
3	DS	III	V	CDUL503/ CAUL503/ CIUL503	Automata Theory and Compiler Design	PCC	45	0	0	45	90	3	40	60	100	3
4	DS	III	V	CDUL504/ CSUL404/ CIUL504/ ITUL404	Artificial Intelligence	PCC	30	0	0	30	60	3	40	60	100	2
5	DS	III	V	CDUL511/ CSUL614/ CAUL511/ CIUL614	Social Network Analysis	PEC	45	0	0	45	90	3	40	60	100	3
				CDUL512/ CSUL503/ CAUL512/ CIUL512/ ITUL511	Cryptography and Network Security											
6	DS	III	V		Open Elective	OEC	45	0	0	45	90	3	40	60	100	3
7	DS	III	V	CDUP520	Design and Analysis of Algorithms Lab	PCC	0	0	30	-	30	3	60	40	100	1
8	DS	III	V	CDUP521	Machine Learning Lab	PCC	0	0	30	-	30	3	60	40	100	1
9	DS	III	V	CDUP522	Compiler Design Lab	PCC	0	0	30	-	30	3	60	40	100	1
10	DS	III	V	CDUP523	Programming for Problem Solving-I Lab	PCC	0	0	30	-	30	3	60	40	100	1
11	DS	III	V	CDUT530	Industrial Training	PSIT	30	0	0	-	30	3	60	40	100	2
12	DS	III	V	CDUA500	Social Outreach, Discipline and Extra Curricular Activities	PSIT	-	-	-			-	-	-	100	0.5
13	DS	III	V	NU99.6/ NU99.7	Audit Course		-	-	-			3	60	40	100	0
Total Credit																23.5

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)
Teaching and Examination Scheme (For Students Admitted in A.Y. 2024-25 & onwards)
B.Tech_Computer Science and Engineering (DS)

B.Tech. III Year (Semester VI)																
Sr. No.	Br.	YEAR	SEM.	Course Code	Course Name	Category	Teaching & Learning Scheme					Exam Hrs.	Marks			Credit
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term work (TW) and Self Learning (SL) (TW+SL)	Total No. of Hours per semester		CIE	SEE	Total	
							L	T								
1	DS	III	VI	CDUL601/ CSUL601/ CAUL504/ ITUL504	Cloud Computing	PCC	30	0	0	30	60	3	40	60	100	2
2	DS	III	VI	CDUL602/ CSUL701/ CAUL602/ CIUL602/ ITUL701	Internet of Things	ESC	45	0	0	45	90	3	40	60	100	3
3	DS	III	VI	CDUL603/ CSUL603/ CAUL603/ CIUL611/ ITUL611	Deep Learning	PCC	45	0	0	45	90	3	40	60	100	3
4	DS	III	VI	CDUL611/ CSUL611/ CAUL611/ CIUL611/ ITUL603	Image Processing	PEC	45	0	0	45	90	3	40	60	100	3
				CDUL612/ CSUL612/ CAUL612/ CIUL612/ ITUL512	Parallel and Distributed Computing											
5	DS	III	VI	CDUL613/ CSUL613/ CAUL613/ ITUL613	Blockchain	PEC	45	0	0	45	90	3	40	60	100	3
				CDUL614/ CAUL614/ CSUL511/ CIUL511	DevOps Practices and Principles											
6	DS	III	VI		Open Elective	OEC	45	0	0	45	90	3	40	60	100	3
7	DS	III	VI	CDUP620	Internet of Things Lab	ESC	0	0	30	-	30	3	60	40	100	1
8	DS	III	VI	CDUP621	Deep Learning Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	DS	III	VI	CDUP622	Image Processing Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	DS	III	VI	CDUP623	Advance Java Lab	PCC	0	0	30	-	30	3	60	40	100	1
11	DS	III	VI	CDUP624	Programming for Problem Solving-II Lab	PCC	0	0	30	-	30	3	60	40	100	1
12	DS	III	VI	CDUA600	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
13	DS	III	VI	NU99.6/ NU99.7	Audit Course		-	-	-			3	60	40	100	0
Total Credit																23.5