

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

B.Tech. II Year (Semester III)

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) (in hours per semester)	Total no. of Hours per semester		CIE	SEE	Total		
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1	CSE	II	III	HSUL301/HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	CSE	II	III	MAUL301	Statistics and Probability Theory	BSC	45	0	0	45	90	3	40	60	100	3
3	CSE	II	III	CSUL301/ CAUL301/ CDUL301/ CIUL301/ ITUL301	Data Structures and Algorithms	PCC	45	15	0	60	120	3	40	60	100	4
4	CSE	II	III	CSUL302/ CAUL404/ CDUL404/ CIUL404/ ITUL302	Operating System	PCC	45	0	0	45	90	3	40	60	100	3
5	CSE	II	III	CSUL303/ CAUL303/ CDUL303/ CIUL303/ ITUL303	Software Engineering and Project Management	PCC	45	0	0	45	90	3	40	60	100	3
6	CSE	II	III	CSUL304/ CAUL304/ CDUL304/ CIUL304/ ITUL304	Digital Electronics	ESC	45	0	0	45	90	3	40	60	100	3
7	CSE	II	III	CSUP320	Data Structures and Algorithms Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
8	CSE	II	III	CSUP321	Programming in Java Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	CSE	II	III	CSUP322	Software Engineering Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	CSE	II	III	CSUP323	Digital Electronics Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	CSE	II	III	CSUT330	Industrial Training	PSIT	15	0	0	-	15	3	60	40	100	1
12	CSE	II	III	CSUA300	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
13	CSE	II	III	NU99.4/ NU99.5	Audit Course		-	-	-			3	60	40	100	0
Total Credit																24.5

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B.Tech_Computer Science and Engineering

B.Tech. II Year (Semester IV)

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) (in hours per semester)	Total no. of Hours per semester		CIE	SEE	Total		
							L	T	P	SL						
1	CSE	II	IV	HSUL401/HSUL402	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	CSE	II	IV	MAUL402	Discrete Mathematics and Linear Algebra	BSC	45	0	0	45	90	3	40	60	100	3
3	CSE	II	IV	CSUL401/ CAUL401/ CDUL401/ CIUL401/ ITUL401	Database Management System	PCC	45	0	0	45	90	3	40	60	100	3
4	CSE	II	IV	CSUL402/ ITUL402	Theory of Computation	PCC	45	0	0	45	90	3	40	60	100	3
5	CSE	II	IV	CSUL403/ CAUL403/ CDUL403/ CIUL403/ ITUL403	Computer Networks	PCC	45	0	0	45	90	3	40	60	100	3
6	CSE	II	IV	CSUL404/ CDUL504/ CIUL504/ ITUL404	Artificial Intelligence	PCC	30	0	0	30	60	3	40	60	100	2
7	CSE	II	IV	CSUL405/ CAUL405/ CDUL405/ CIUL405/ ITUL405	Computer Architecture and Microprocessor	ESC	30	0	0	30	60	3	40	60	100	2
8	CSE	II	IV	CSUP420	Database Systems Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	CSE	II	IV	CSUP421	Network Programming Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	CSE	II	IV	CSUP422	Microprocessor Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	CSE	II	IV	CSUP423	Data Analytics and Visualization Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
12	CSE	II	IV	CSUA400	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-				-	-	-	100	0.5
13	CSE	II	IV	NU99.4/ NU99.5	Audit Course		-	-	-			3	60	40	100	0
Total Credit																23.5