

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 (AI)

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		
															L	
1	AI	II	III	HSUL301/HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	AI	II	III	MAUL301	Statistics and Probability Theory	BSC	45	0	0	45	90	3	40	60	100	3
3	AI	II	III	CAUL301/ CSUL301/ CDUL301/ CIUL301/ ITUL301	Data Structures and Algorithms	PCC	45	15	0	60	120	3	40	60	100	4
4	AI	II	III	CAUL302	Foundation of Artificial Intelligence	PCC	45	0	0	45	90	3	40	60	100	3
5	AI	II	III	CAUL303/ CSUL303/ CDUL303/ CIUL303/ ITUL303	Software Engineering and Project Management	PCC	45	0	0	45	90	3	40	60	100	3
6	AI	II	III	CSUL304/ CAUL304/ CDUL304/ CIUL304/ ITUL304	Digital Electronics	ESC	45	0	0	45	90	3	40	60	100	3
7	AI	II	III	CAUP320	Data Structures and Algorithms Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
8	AI	II	III	CAUP321	Programming in Java Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	AI	II	III	CAUP322	Logic Programming Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	AI	II	III	CAUP323	Digital Electronics Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	AI	II	III	CAUT330	Industrial Training	PSIT	15	0	0	-	15	2	60	40	100	1
12	AI	II	III	CAUA300	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
13	AI	II	III	NU99.4/ NU99.5	Audit Course		-	-	-			3	60	40	100	0
Total Credit																24.5

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 (AI)

B.Tech. II Year (Semester IV)																	
1	AI	II	IV	HSUL401/HSUL402	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1	
2	AI	II	IV	MAUL402	Discrete Mathematics and Linear Algebra	BSC	45	0	0	45	90	3	40	60	100	3	
3	AI	II	IV	CAUL401/ CSUL401/ CDUL401/ CIUL401/ ITUL401	Database Management System	PCC	45	0	0	45	90	3	40	60	100	3	
4	AI	II	IV	CAUL402/ CDUL402/ CSUL504	Full Stack Development	PCC	30	0	0	30	60	3	40	60	100	2	
5	AI	II	IV	CAUL403/ CSUL403/ CDUL403/ CIUL403/ ITUL403	Computer Networks	PCC	45	0	0	45	90	3	40	60	100	3	
6	AI	II	IV	CAUL404/ CSUL302/ CDUL404/ CIUL404/ ITUL302	Operating System	PCC	45	0	0	45	90	3	40	60	100	3	
7	AI	II	IV	CSUL405/ CAUL405/ CDUL405/ CIUL405/ ITUL405	Computer Architecture & Microprocessor	ESC	30	0	0	30	60	3	40	60	100	2	
8	AI	II	IV	CAUP420	Database Systems Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
9	AI	II	IV	CAUP421	Full Stack Development Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
10	AI	II	IV	CAUP422	Microprocessor Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
11	AI	II	IV	CAUP423	Data Analytics and Visualization Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
12	AI	II	IV	CAUA400	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-				-	-	-	100	0.5	
13	AI	II	IV	NU99.4/ NU99.5	Audit Course		-	-	-			3	60	40	100	0	
Total Credit																23.5	