

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

Teaching and Examination Scheme 2025-26

B.Tech. Information Technology

Sr. No.	Br.	Year	Sem.	Course Code	Course Name	Category	Teaching Scheme			Exam Hrs.	Marks			Credit
							L	T	P		CIE	SEE	Total	
1	IT	II	III	HSUL301/ HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	1	0	0	3	40	60	100	1
2	IT	II	III	MAUL301	Statistics and Probability Theory	BSC	3	0	0	3	40	60	100	3
3	IT	II	III	ITUL301/CSUL301/ CAUL301/CDUL301/ CIUL301	Data Structures and Algorithms	PCC	3	1	0	3	40	60	100	4
4	IT	II	III	ITUL302/CSUL302/ CAUL404/ CDUL404/ CIUL404	Operating System	PCC	3	0	0	3	40	60	100	3
5	IT	II	III	ITUL303/CSUL303/ CAUL303/CDUL303/ CIUL303	Software Engineering and Project Management	PCC	3	0	0	3	40	60	100	3
6	IT	II	III	ITUL304/CSUL304/ CAUL304/CDUL304/CIUL 304	Digital Electronics	ESC	3	0	0	3	40	60	100	3
7	IT	II	III	ITUP320	Data Structures and Algorithms Lab	PCC	0	0	3	3	60	40	100	1.5
8	IT	II	III	ITUP321	Programming in Java Lab	PCC	0	0	3	3	60	40	100	1.5
9	IT	II	III	ITUP322	Software Engineering Lab	PCC	0	0	3	3	60	40	100	1.5
10	IT	II	III	ITUP323	Digital Electronics Lab	ESC	0	0	3	3	60	40	100	1.5
11	IT	II	III	ITUT330	Industrial Training	PSIT	0	0	1	3	60	40	100	1
12	IT	II	III	ITUA300	Social Outreach, Discipline and Extra Curricular Activities	SODECA	0	0	0		-	-	100	0.5
13	IT	II	III	NU99.4/NU 99.5	Audit Course		-	-	-	3	60	40	100	0
											Total Credit			24.5

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							L	T	P		CIE	SEE	Total	
1	IT	II	IV	HSUL401 /HSUL402	Managerial Economics and Financial Accounting / Technical Communication	HSMC	1	0	0	3	40	60	100	1
2	IT	II	IV	MAUL402	Discrete Mathematics and Linear Algebra	BSC	3	0	0	3	40	60	100	3
3	IT	II	IV	ITUL401/CSUL401/ CAUL401/CDUL401/ CIUL401	Database Management System	PCC	3	0	0	3	40	60	100	3
4	IT	II	IV	ITUL402/ CSUL402	Theory of Computation	PCC	3	0	0	3	40	60	100	3
5	IT	II	IV	ITUL403/CSUL403/ CAUL403/CDUL403	Computer Networks	PCC	3	0	0	3	40	60	100	3
6	IT	II	IV	ITUL404/CSUL404/ CAUL404/CDUL404/ CIUL504	Artificial Intelligence	PCC	2	0	0	3	40	60	100	2
7	IT	II	IV	ITUL405/CSUL405/ CAUL405/CDUL405/CIUL 405	Computer Architecture and Microprocessor	ESC	2	0	0	3	40	60	100	2
8	IT	II	IV	ITUP420	Database Systems Lab	PCC	0	0	3	3	60	40	100	1.5
9	IT	II	IV	ITUP421	Network Programming Lab	PCC	0	0	3	3	60	40	100	1.5
10	IT	II	IV	ITUP422	Web Development Lab	PCC	0	0	3	3	60	40	100	1.5
11	IT	II	IV	ITUP423	Data Analytics and Visualization Lab	PCC	0	0	3	3	60	40	100	1.5
12	IT	II	IV	ITUA400	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-	-	-	-	100	0.5
13	IT	II	IV	NU99.4/NU 99.5	Audit Course		-	-	-	3	60	40	100	0
											Total Credit			23.5