

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 (IOT)

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	T	P	SL						
1	IOT	II	III	HSUL301/HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	IOT	II	III	MAUL301	Statistics and Probability Theory	BSC	45	0	0	45	90	3	40	60	100	3
3	IOT	II	III	CIUL301/ CDUL301/ CSUL301/ CAUL301/ ITUL301	Data Structures and Algorithms	PCC	45	15	0	60	120	3	40	60	100	4
4	IOT	II	III	CIUL302	Electronic System for IoT	PCC	45	0	0	45	90	3	40	60	100	3
5	IOT	II	III	CIUL303/ CDUL303/ CSUL303/ CAUL303/ ITUL303	Software Engineering and Project Management	PCC	45	0	0	45	90	3	40	60	100	3
6	IOT	II	III	CSUL304/ CAUL304/ CDUL304/ CIUL304/ ITUL304	Digital Electronics	ESC	45	0	0	45	90	3	40	60	100	3
7	IOT	II	III	CIUP320	Data Structures and Algorithms Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
8	IOT	II	III	CIUP321	Programming in Java Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	IOT	II	III	CIUP322	Electronic System for IoT Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	IOT	II	III	CIUP323	Digital Electronics Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	IOT	II	III	CIUT330	Industrial Training	PSIT	15	0	0	-	15	2	60	40	100	1
12	IOT	II	III	CIUA300	SODECA	SODECA	-	-	-	-	-	-	-	-	100	0.5
13	IOT	II	III	NU99.4/ NU99.5	Audit Course		-	-	-	-	-	3	60	40	100	0
													Total Credit			24.5

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							L	T	P	SL						
1	IOT	II	IV	HSUL401/HSUL402	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	IOT	II	IV	MAUL402	Discrete Mathematics and Linear Algebra	BSC	45	0	0	45	90	3	40	60	100	3
3	IOT	II	IV	CIUL401/ CDUL401/ CAUL401/ CSUL401/ ITUL401	Database Management System	PCC	45	0	0	45	90	3	40	60	100	3
4	IOT	II	IV	CIUL402	Data Analytics for IoT	PCC	30	0	0	30	60	3	40	60	100	2
5	IOT	II	IV	CIUL403/ CSUL403/ CDUL403/ CAUL403/ ITUL403	Computer Networks	PCC	45	0	0	45	90	3	40	60	100	3
6	IOT	II	IV	CIUL404/ CSUL302/ CAUL404/ CDUL404/ ITUL302	Operating System	PCC	45	0	0	45	90	3	40	60	100	3
7	IOT	II	IV	CIUL405/ CAUL405/ CDUL405/ CSUL405/ ITUL405	Computer Architecture and Microprocessor	ESC	30	0	0	30	60	3	40	60	100	2
8	IOT	II	IV	CIUP420	Database Systems Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	IOT	II	IV	CIUP421	Network Programming Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	IOT	II	IV	CIUP422	Microprocessor Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	IOT	II	IV	CIUP423	Data Analytics and Visualization Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
12	IOT	II	IV	CIUA400	SODECA	SODECA	-	-				-	-	-	100	0.5
13	IOT	II	IV	NU99.4/ NU99.5	Audit Course		-	-	-			3	60	40	100	0
Total Credit																23.5