

B.Tech.-Information Technology

B.Tech. II Year (Semester III)

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	IT	II	III	HSUL301/ HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1	
2	IT	II	III	MAUL301	Statistics and Probability Theory	BSC	45	0	0	45	90	3	40	60	100	3	
3	IT	II	III	ITUL301/CSUL301/ CAUL301/CDUL301 / CIUL301	Data Structures and Algorithms	PCC	45	15	0	60	120	3	40	60	100	4	
4	IT	II	III	ITUL302/CSUL302/ CAUL404/ CDUL404/ CIUL404	Operating System	PCC	45	0	0	45	90	3	40	60	100	3	
5	IT	II	III	ITUL303/CSUL303/ CAUL303/CDUL303 / CIUL303	Software Engineering and Project Management	PCC	45	0	0	45	90	3	40	60	100	3	
6	IT	II	III	ITUL304/CSUL304/ CAUL304/CDUL304 /CIUL304	Digital Electronics	ESC	45	0	0	45	90	3	40	60	100	3	
7	IT	II	III	ITUP320	Data Structures and Algorithms Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
8	IT	II	III	ITUP321	Programming in Java Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
9	IT	II	III	ITUP322	Software Engineering Lab	PCC	0	0	45	-	45	3	60	40	100	1.5	
10	IT	II	III	ITUP323	Digital Electronics Lab	ESC	0	0	45	-	45	3	60	40	100	1.5	
11	IT	II	III	ITUT330	Industrial Training	PSIT	15	0	0	-	15	2	60	40	100	1	
12	IT	II	III	ITUA300	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-	-	-	-	-	-	100	0.5	
13	IT	II	III	NU99.4/NU 99.5	Audit Course		-	-	-		-	3	60	40	100	0	
Total Credit																24.5	

B.Tech.-Information Technology

B.Tech. II Year (Semester IV)

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	IT	II	IV	HSUL401 /HSUL402	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	IT	II	IV	MAUL402	Discrete Mathematics and Linear Algebra	BSC	45	0	0	45	90	3	40	60	100	3
3	IT	II	IV	ITUL401/CSUL401/CAUL401/CDUL401 / CIUL401	Database Management System	PCC	45	0	0	45	90	3	40	60	100	3
4	IT	II	IV	ITUL402/ CSUL402	Theory of Computation	PCC	45	0	0	45	90	3	40	60	100	3
5	IT	II	IV	ITUL403/CSUL403/CAUL403/CDUL403	Computer Networks	PCC	45	0	0	45	90	3	40	60	100	3
6	IT	II	IV	ITUL404/CSUL404	Artificial Intelligence	PCC	30	0	0	30	60	3	40	60	100	2
7	IT	II	IV	ITUL405/CSUL405/CAUL405/CDUL405 /CIUL405	Computer Architecture and Microprocessor	ESC	30	0	0	30	60	3	40	60	100	2
8	IT	II	IV	ITUP420	Database Systems Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	IT	II	IV	ITUP421	Network Programming Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	IT	II	IV	ITUP422	Web Development Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	IT	II	IV	ITUP423	Data Analytics and Visualization Lab	PCC	0	0	45	-	45	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	