

B.Tech-Information Technology																
B.Tech. III Year (Semester V)																
Sr. No.	Branch	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				
							L	T	P	SL						
1	IT	III	V	ITUL501/CSUL501/ CAUL501/ CDUL501/ CIUL601	Design and Analysis of Algorithms	PCC	45	0	0	45	90	3	40	60	100	3
2	IT	III	V	ITUL502/CSUL502/ CAUL502/ CDUL502/ CIUL502	Machine Learning	PCC	45	0	0	45	90	3	40	60	100	3
3	IT	III	V	ITUL503	MERN Stack	PCC	45	0	0	45	90	3	40	60	100	3
4	IT	III	V	ITUL504/CSUL601/ CAUL504/ CDUL601	Cloud Computing	PCC	30	0	0	30	60	3	40	60	100	2
5	IT	III	V	ITUL511/CSUL503/ CAUL512/ CDUL512/ CIUL512	Cryptography and Network Security	PEC	45	0	0	45	90	3	40	60	100	3
				ITUL512/CSUL612/ CAUL612/ CDUL612/ CIUL612	Parallel and Distributed Computing											
6	IT	III	V		Open Elective	OEC	45	0	0	45	90	3	40	60	100	3
7	IT	III	V	ITUP520	Design and Analysis of Algorithms Lab	PCC	0	0	30	-	30	3	60	40	100	1
8	IT	III	V	ITUP521	Machine Learning Lab	PCC	0	0	30	-	30	3	60	40	100	1
9	IT	III	V	ITUP522	MERN Stack Lab	PCC	0	0	30	-	30	3	60	40	100	1
10	IT	III	V	ITUP523	Advance Java Lab	PCC	0	0	30	-	30	3	60	40	100	1
11	IT	III	V	ITUT530	Industrial Training	PSIT	30	0	0		30	3	60	40	100	2
12	IT	III	V	ITUA500	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
13	IT	III	V	NU99.6/ NU99.7	Audit Course		-	-	-			3	60	40	100	0
Total Credit																23.5

B.Tech-Information Technology

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Sr. No.	Branch	Year	Sem.	Course Code	Course Name	Category	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	Exam Hrs.	Marks			Credit
							L	T	P	SL			CIE	SEE	Total	
1	IT	III	VI	ITUL601	DevOps Engineering	PCC	30	0	0	30	60	3	40	60	100	2
2	IT	III	VI	ITUL602/CSUL602	Compiler Design	PCC	45	0	0	45	90	3	40	60	100	3
3	IT	III	VI	ITUL603/CSUL611/CAUL611/ CDUL611/ CIUL611	Image Processing	PCC	45	0	0	45	90	3	40	60	100	3
4	IT	III	VI	ITUL611/CSUL603/CAUL603/ CDUL603/ CIUL611	Deep Learning	PEC	45	0	0	45	90	3	40	60	100	3
				ITUL612/CSUL711/CAUL701/ CDUL711/ CIUL711	Natural Language Processing											
5	IT	III	VI	ITUL613/CSUL613/CAUL613/ CDUL613	Blockchain	PEC	45	0	0	45	90	3	40	60	100	3
				ITUL614/CSUL512/CIUL611	Wireless Networks											
6	IT	III	VI		Open Elective	OEC	45	0	0	45	90	3	40	60	100	3
7	IT	III	VI	ITUP620	DevOps Engineering Lab	PCC	0	0	30	-	30	3	60	40	100	1
8	IT	III	VI	ITUP621	Competitive Programming Lab	PCC	0	0	30	-	30	3	60	40	100	1
9	IT	III	VI	ITUP622	Deep Learning Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
10	IT	III	VI	ITUP623	Image Processing Lab	ESC	0	0	45	-	45	3	60	40	100	1.5
11	IT	III	VI	ITUP624	Mobile Application Development Lab	PCC	0	0	30	-	30	3	60	40	100	1
12	IT	III	VI	ITUA600	Social Outreach, Discipline and Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
13	IT	III	VI	NU99.6/ NU99.7	Audit Course	-	-	-	-			3	60	40	100	0
Total Credit																23.5