

Proposed Curriculum for B. Tech. (Information Technology)

For 2014 Batch only

THIRD SEMESTER

Sr. No.	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	Xxxxx	HSS Elective - 1	2	1	-	3	3
2.	10B11CI311	Object Oriented Programming	3	1	-	4	4
3.	15B11EC314	Introduction to Digital Systems	3	1	-	4	4
4.	15B11CI312	Database Systems and Web	3	1	-	4	4
5.	15B11CI313	Computer Organisation and Architecture	3	1	-	4	4
6.	10B17CI371	Object Oriented Programming Lab	-	-	2	2	1
7.	15B17EC374	Digital Systems Lab	-	-	2	2	1
8.	15B17CI372	Database Systems and Web lab	-	-	2	2	1
9.	15B17CI373	Computer Organisation and Architecture Lab	-	-	2	2	1
10.	10B11MA201	Mathematics-II	3	1	-	4	4
		TOTAL				31	27

FOURTH SEMESTER

Sr. No.	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	Xxxxx	HSS Elective - 2	2	1	-	3	3
2.	15B11MA301	Probability and Random Processes	3	1	-	4	4
3.	15B11CI411	Algorithms and Problem Solving	3	1	-	4	4
4.	15B11CI412	Operating Systems and Systems Programming	3	1	-	4	4
5.	Xxxxx	IT Elective-1	3	1	-	4	4
6.	15B11GE301	Environmental Science	3	-	-	3	3
7.	15B17CI471	Algorithms and Problem Solving Lab	-	-	4	4	2
8.	15B17CI472	Operating Systems and Systems Programming Lab	-	-	2	2	1
		TOTAL				28	25

FIFTH SEMESTER

Sr. No.	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	Xxxxx	HSS Elective-3	2	1	-	3	3
2.	15B11CI511	Computer Networks	3	1	-	4	4
3.	15B22CI521	Cloud based Enterprise Systems	3	1	-	4	4
		Selected Foreign Language	2/3			2/3	Audit
4.	Xxxxx	Science Elective - 1	3	1	-	4	4
5.	15B29CI591	Minor Project – 1					5
6.	15B17CI571	Computer Networks Lab	-	-	2	2	1
7.	15B28CI581	Cloud based Enterprise Systems Lab	-	-	2	2	1
8.	15B28CI582	Multimedia Lab	-	-	2	2	1
9.	15B17CI576	Information Security Lab	-	-	2	2	1
		TOTAL				25/26+	24

SIXTH SEMESTER

Sr. No.	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	Xxxxx	HSS Elective -4	2	1	-	3	3
2.	15B22CI621 15B22CI622	Flexi Core: a. Data Mining and Web Algorithms OR b. Mobile Applications and Internet of Things	3	1	-	4	4
3.	Xxxxx	IT Elective-2	3	1	-	4	4
4.	Xxxxx	IT Elective-3	3	1	-	4	4
5.	Xxxxx	Science Elective - 2	3	1	-	4	4
		Selected Value Added Course	2/3			2/3	Audit
6.	15B28CI681 15B28CI682	a. Data Mining and Web Algorithms Lab OR b. Mobile Applications and Internet of Things Lab	-	-	2	2	1
7.	15B29CI691	Minor Project-2	-	-			5
		TOTAL				23/24+	25

Students will undergo 6 weeks Industrial Training during Summer Vacation after 6th Semester.

SEVENTH SEMESTER

Sr. No.	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	Xxxxx	IT Elective-4	3	1	-	4	4
2.	Xxxxx	IT Elective-5	3	1	-	4	4
3.	Xxxxx	IT Elective-6	3	1	-	4	4
4.	Xxxxx	Open Elective - 1	3		-	3	3
5.	15B29CI794	Major Project Part-1	-	-			5
6.	15B29CI792	Term Paper	-	-	-	-	3
	15B29CI793	Summer Training Viva	-	-	-	-	2
		TOTAL				15+	24

EIGHTH SEMESTER

Sr. No.	Course		Contact Hours				Credits
	No.	Title	L	T	P	Total	
1.	Xxxxx	IT Elective-7	3	1	-	4	4
2.	Xxxxx	IT Elective-8	3	1	-	4	4
3.	Xxxxx	Open Elective - 2	3		-	3	3
4.	15B29CI891	Major Project Part-2	-	-			12
		TOTAL				11+	23

Total Credits for B. Tech. –195