

Name of the Programme: B. Tech. (Information Technology)

Year of the Programme: First year

Semester: I & II

Sr. No.	Module/ Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week	Total no. of hours for the subject	Credit/s	Credit/s types	Duration of	Mode of	Examination Scheme (Weightage)										Temp late Codes	GR applicable (Yes/ No)	R e m a r k			
											Distribution of Continuous					TEE		Total								
											Term End Examination	Continuous Evaluation	Written / OffLine/Online/Computer based/ Practical/Viva/ Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)				Marks (Continuous Evaluation+ TEE)	Weightage %	
Semester - I																										
1	BTIT01001	Mathematics-I	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#			
2	BTIT01002	Basic Electrical Engineering	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##			
3	BTIT01003	Physics	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##			
4	BTIT01004	Engineering Graphics & Design	1	0	4	5	3	full credit	3	--	Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUE			
5	BTIT01005	Constitution of India	2	0	0	2	0	non credit	--	Continuous Evaluation	--	10	10	30	50	50	--	--	50	100	7032	No				
Total			12	3	8	23	17	--	12	--	--	50	50	150	250	250	400	200	450							
Semester - II																										
1	BTIT02008	Mathematics-II	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#			
2	BTIT02009	Programming for Problem Solving	3	0	4	7	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##			
3	BTIT02010	Chemistry	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##			
4	BTIT02011	Workshop / Manufacturing Practices	1	0	4	5	3	full credit	--	Continuous Evaluation	--	--	--	50	50	50	--	--	50	100	7032	No				
5	BTIT02012	English	2	0	2	4	3	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##			
Total			12	2	12	26	20	--	12	--	--	40	40	170	250	250	400	200	450							

* Term Work = Viva / Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc.

Syllabus common for B.Tech. (All Stream) & MBA Tech. (All Stream) / All Programme, can use common question paper.

Syllabus common for different streams/ Programme can use common question paper.

NUE = Non University Examination (Examination conducted at school level)

Name of the Programme: B.Tech - Information Technology						Semester: <u>III & IV</u>						Year: 2019 - 20													
Sr. No.	SAP Module Code/ Subject Code	Name of the Module	Theory (Per Week)	Practicals (Per Week)	Tutorials (Per Week)	Total no. of hours for the subject (Per Week)	Credit/s	Credit/s types	Term End Exam Duration (Hrs)	Mode of Exam Written / OffLine/Online/Computer based/ Practical/Viva	Examination Scheme (Weightage)									Temp late Codes	GR applicable (Yes/ No)	Remark			
											ICA					TEE		Total							
											Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks	Weightage						
Semester III																									
1	BTIT03008	Engineering Mathematics - III	3	0	1	4	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
2	BTIT03107	Signals and Systems	2	2	0	4	3	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
3	BTIT03009	Digital Logic & System Design	2	2	1	5	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
4	BTIT03103	Data Structures and Algorithms	2	2	1	5	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
5	BTIT03105	Database Management Systems	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
6	BTIT03010	Web Programming	1	4	0	5	3	full credit	-	Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No	#		
7	BTIT03011	Presentation and Communication Techniques	2	0	0	2	2	Half credit	-	Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No			
Total			15	12	3	30	24		15	0	--	70	70	210	350	350	500	250	600						
Semester IV																									
1	BTIT04008	Engineering Mathematics - IV	3	0	1	4	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
2	BTIT04104	Operating Systems	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
3	BTIT04009	Computer Networks	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
4	BTIT04102	Computer Organization & Architecture	2	0	1	3	3	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#		
5	BTIT04010	Object Oriented Programming	1	4	0	5	3	full credit	-	Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No	#		
6	BTIT04011	Principles of Economics and Management	3	0	0	3	3	full credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
7	BTIT04012	Environmental Studies	2	0	0	2	0	Non-Cred	-	Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No			
Total			17	8	2	27	21		15	0	--	70	70	210	350	350	500	250	600						

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 # syllabus common for B.Tech and MBA(Tech) IT can use common question paper.
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