

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 Examination (Hrs)		Mode of Exam	Distribution of Continuous Evaluation Marks				Examination Scheme (Weightage)		Template Codes	CR applicable (Yes/No)	Remark				
									Term End Examination	Continuous Evaluation		Written / Offline/Online/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Test III work *	Total Marks	Scaled to Marks (Marks)				Marks on (Question Paper)	Scaled to Marks (Marks)	Marks (Continuous Evaluation+ TEE)	Total
Semester - I																								
1	BTCC01001	Mathematics-I	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	#	
2	BTCC01002	Basic Electrical Engineering	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	##	
3	BTCC01003	Physics	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	##	
4	BTCC01004	Engineering Graphics & Design	1	0	4	5	3	full credit	3	--	Practical	10	10	30	50	100	50	100	100	100	7031	Yes	NUE	
5	BTCC01005	Constitution of India	2	0	0	2	0	non credit	--	Continuous Evaluation	--	10	10	30	50	100	--	50	100	100	7032	No		
Total			12	3	8	23	17	--	12	--	--	50	50	150	250	400	200	450	450					
Semester - II																								
1	BTCC02008	Mathematics-II	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	#	
2	BTCC02009	Programming for Problem Solving	3	0	4	7	5	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	##	
3	BTCC02010	Chemistry	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	##	
4	BTCC02011	Workshop / Manufacturing Practices	1	0	4	5	3	full credit	--	Continuous Evaluation	--	--	50	50	--	--	--	50	100	100	7032	No		
5	BTCC02012	English	2	0	2	4	3	full credit	3	--	Written	10	10	30	50	100	50	100	100	100	7031	Yes	##	
Total			12	2	12	26	20	--	12	--	--	40	40	170	250	400	200	450	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

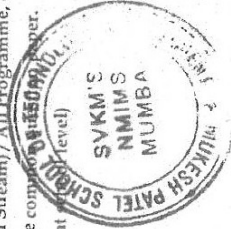
Syllabus common for different streams/ Programme can use common question paper.

NUE = Non University Examination (Examination conducted at

HOD:
Dr. Ajay Phrike

Dean:
Dr. N. T. Rao

Date: 15/04/2019



Name of the Programme: B.Tech Computer Science		Year of the Programme: Second Year										Semester: III										
Sr. No	Module / Subject Code	Name of the Module	Theory (Hours per week)	Practicals (Hours per week)	Tutorials (Hours per week)	Total no. of hours for the subject (in term)	Credit/s	Credit/s types	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)					GR Applicable (Yes/No)	Remarks				
									Written	Only ICA		Test I	Test II	Term work*	Total Marks	Scaled to Marks			Scaled to Marks	TEE	Total	
1	BTCC03009	Mathematics III	3	0	1	60	4		3		Written	10	10	30	50	100	50	100	100	7031	Yes	
2	BTCC03014	Digital Logic Design	3	2	0	75	4		3		Written	10	10	30	50	100	50	100	100	7031	Yes	
3	BTCC03010	Discrete Mathematics	3	0	1	60	4		3		Written	10	10	30	50	100	50	100	100	7031	Yes	
4	BTCC03015	Data Structures	3	2	0	75	4		3		Written	10	10	30	50	100	50	100	100	7031	Yes	
5	BTCC03011	Computer Organization and Architecture	3	0	0	45	3		3		Written	10	10	30	50	100	50	100	100	7031	Yes	
6	BTCC03012	Object Oriented Programming	3	2	0	75	4		3		Written	10	10	30	50	100	50	100	100	7031	Yes	
7	BTCC03013	Presentation and Communication Techniques	2	0	0	30	2		3		--	10	10	30	50	0	0	50	100	7032	No	
Total			20	6	2	420	25					70	70	210	350	600	300	650				

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

AF
 Head, Computer Science Department

Date: 01-07-2019

[Signature]
 Dean/ Director, MFSTME



SVKM'S NMIMS
 School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
 (Teaching Scheme Academic year: 2019-20)
 Campus: SHIRPUR
 (As approved in the Academic Council)

Name of the Programme: B.Tech Computer Science										Semester: IV												
Sr. No	Module / Subject Code	Name of the Module	Theory Hours (Hour per week)	Practicals (Hour per week)	Tutorials (Hours per week)	Total no. of hours for the subject (In term)	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)					Template Codes	GR Applicable (Yes/No)	Remarks				
								Written	Only ICA		Test I	Test II	Term work* Marks	Total Marks	Scaled to (Marks)				Scaled to Marks	Scaled to (Marks)	Total Marks	Weightage %
1	BTCC04015	Elements of Biology	3	0	1	60	4	3 Hrs	-	Written	10	10	30	50	100	50	100	100	7031	Yes		
2	BTCC04016	Operating System	3	2	0	75	4	3 Hrs	-	Written	10	10	30	50	100	50	100	100	7031	Yes		
3	BTCC04017	Theoretical Computer Science	3	0	1	60	4	3 Hrs	-	Written	10	10	30	50	100	50	100	100	7031	Yes		
4	BTCC04012	Database Management System	3	2	0	75	4	3 Hrs	-	Written	10	10	30	50	100	50	100	100	7031	Yes		
5	BTCC04018	Principles of Economics and Management	3	0	0	45	3	3 Hrs	-	Written	10	10	30	50	100	50	100	100	7031	Yes		
6	BTCC04013	Programming Language	2	2	0	60	3	-	Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No	
7	BTCC04014	Essence of Indian Traditional Knowledge	2	0	0	30	0	-	Only ICA	-	0	0	0	0	0	0	0	0	100	7032	No	
Total			19	6	2	405	22				60	60	230	350	500	250	600					

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Date: 01-07-2019



Head, Computer Science Department




Dean/Director, MPSTME

SVKM's NMIMS
 School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
 Teaching Scheme Academic year: 2019-20
 Campus: SHIRPUR
 (As approved in the Academic Council)

Name of the Programme: B.Tech Computer Science										Year: 2019-20													
Sr. No.	Module / Subject Code	Name of the Module	Semester: V					Examination Scheme (Weightage)					Total					GR Applicable (Yes/No)	Remarks				
			Theory (Hrs per week)	Practicals (Hrs per week)	Tutorials (Hrs per week)	Total no. of hours for the subject	Credit/s	Credit/s types	Term End Exam Duration		Mode of Exam	ICA			TEE		Marks			Weightage%	Template Codes		
									Written	Only ICA		Test I	Test II	Term work*	Total Marks	Scaled to (marks)						Scaled to Marks to (marks)	
1	BTCC05002	Software Engineering	3	2	0	5	4	full credit	3	Written	Written / Offline/On-line/Computer based/ Practical/Viva /Inuy/ Presentation	10	10	30	50	30	70	100	100	7008	Yes		
2	BTCC05003	Microprocessor & Microcontroller	3	2	0	5	4	full credit	3	Written	Written / Offline/On-line/Computer based/ Practical/Viva /Inuy/ Presentation	10	10	30	50	30	70	100	100	7008	Yes		
3	BTCC05004	Design & Analysis of Algorithms	3	2	0	5	4	full credit	3	Written	Written / Offline/On-line/Computer based/ Practical/Viva /Inuy/ Presentation	10	10	30	50	30	70	100	100	7008	Yes		
4	BTCC05005	Computer Graphics	3	2	0	5	4	full credit	3	Written	Written / Offline/On-line/Computer based/ Practical/Viva /Inuy/ Presentation	10	10	30	50	30	70	100	100	7008	Yes		
5	BTCC05006	Digital Signal Processing	3	2	0	5	4	full credit	3	Written	Written / Offline/On-line/Computer based/ Practical/Viva /Inuy/ Presentation	10	10	30	50	30	70	100	100	7008	Yes		
6	BTCC05007	Research Methodology	2	2	0	4	3	full credit	0	2	Written/Presentation	10	10	30	50	50	0	0	50	100	7003	No	
7	BTCC05008	Programming for Analytics	3	0	0	3	3	full credit	0	2	Online	10	10	30	50	50	0	0	50	100	7003	No	
			20	12	0	32	26					70	70	210	350	250	350	600					

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Date: 01-07-2019



Head, Computer Science Department




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 School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
 Teaching Scheme Academic year: 2019-20
 Campus: SHIRPUR
 (As approved in the Academic Council)

Name of the Programme: B.Tech Computer Science		Semester: VI																					
Sr. No.	Module / Subject Code	Name of the Module	Theory (Hours per week)	Practicals (Hours per week)	Tutorials (Hours per week)	Total no. of hours for the subject	Credits/ types	Term End Exam Duration		Mode of Exam	Examination Scheme (Weightage)					GR Applicable (Yes/No)	Remarks						
								Written	Only ICA		ICA		TEE		Total								
											Test I	Test II	Term work*	Final Marks				Scaled to (marks)	Scaled to (marks)	Marks	Weightage%	Template Codes	
1	BTCC06001	Object Oriented Software Engineering	3	2	0	5	4	full credit	3		Written	10	10	30	50	30	70	100	100	7008	Yes		
2	BTCC06002	Image Processing	3	2	0	5	4	full credit	3		Written	10	10	30	50	30	70	100	100	7008	Yes		
3	BTCC06003	Fundamentals of Web Technology	3	2	0	5	4	full credit	3		Written	10	10	30	50	30	70	100	100	7008	Yes		
4	BTCC06004	Industrial Economics and Management	3	0	0	3	3	full credit	3		Written	10	10	30	50	30	70	100	100	7008	Yes		
5	BTCC06015	Programming Laboratory- III	1	2	0	3	2	half credit	0	2	Practical	10	10	30	50	50	0	0	50	100	7008	Yes	
6	BTCC06014	Business Visualization	2	0	0	2	2	half credit	0	2	Online	10	10	30	50	50	0	0	50	100	7003	No	
7	BTCC06017	System Programming	3	2	0	5	4	full credit	3		Written	10	10	30	50	30	70	100	100	7008	Yes		
8		Elective-I	3	2	0	5	4	full credit	3		Written	10	10	30	50	30	70	100	100	7008	Yes		
			21	12	0	33	27					80	80	240	400	280	420	700					

Elective-I (Any One)	
BTCC06007	Advanced Computer Networks
BTCC06008	Advanced Database Management System
BTCC06009	Unix Programming
BTCC06010	Information Storage and Management
BTCC06012	Operation Research
BTCC06013	Human Computer Interface

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Head, Computer Science Department

[Signature]

Dean/ Director, MPSTME

SVKM's NMIMS
SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
Teaching Scheme Academic year: 2019-20
Campus: SHIRPUR
(As approved in the Academic Council)

Name of the Programme: B.Tech Computer Science		Semester: VII																				
Sr. No.	Module / Subject Code	Name of the Module	Theory (Hours per week)	Practicals (Hours per week)	Tutorials (Hours per week)	Total no. of hours for the subject	Credit/s types	Term End Exam Duration		Mode of Exam	Examination Scheme (Weightage)				Template Codes	GR Applicable (Yes/No)	Remarks					
								Written	Only ICA		Test I	Test II	Term work*	Total Marks				Scaled to (marks)	Scaled to (marks)	Marks to TEE	Total Marks	Weightage%
1	BTCO07001	Distributed Computing	3	2	0	5	4 full credit	3		Written	15	15	20	50	30	70	100	100	7008	Yes		
2	BTCO07013	Artificial Intelligence	3	2	0	5	4 full credit	3		Written	15	15	20	50	30	70	100	100	7008	Yes		
3	BTCO07003	Data Warehousing and Mining	3	2	0	5	4 full credit	3		Written	15	15	20	50	30	70	100	100	7008	Yes		
4	BTCO07004	Project-I	0	8	0	8	4 full credit	0	Only ICA	Viva/ Presentation	0	0	100	100	100	0	0	100	100	7003	No	
5		Elective-II	3	2	0	5	4 full credit	3		Written	15	15	20	50	30	70	100	100	7008	Yes		
			12	16	0	28	20				60	60	180	300	220	280	500					

	Elective-II (Any One)
	BTCO07006 Introduction to Cloud Computing
	BTCO07007 Embedded System
	BTCO07008 Advanced Image Processing
	BTCO07009 Software Architecture
	BTCO07010 E-Commerce
	BTCO07011 Advanced Computer Architecture
	BTCO07012 Principles of Compiler Design

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Date: 01-07-2019

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Head, Computer Science Department



[Signature]

Dean/ Director, MPSTME

SVKM's NIMIMS
 School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
 Teaching Scheme Academic year: 2019-20
 Campus: SHIRPUR
 (As approved in the Academic Council)

Name of the Programme: B.Tech Computer Science		Semester: VIII										Year: 2019-20											
Sr. No.	Module / Subject Code	Name of the Module	Theory (Hours per week)	Practicals (Hours per week)	Tutorials (Hours per week)	Total no. of hours for the subject	Credits	Credits types	Term End Exam Duration		Mode of Exam	Examination Scheme (Weightage)				GR Applicable (Yes/No)	Remarks						
									Written	Only ICA		Test I	Test II	Term work*	Total Marks			Scaled to (marks)	Marks to (marks)	Total			
1	BTCC08001	System Security	3	2	0	5	4	full credit	3		Written	15	15	20	50	70	100	100	7008	Yes			
2	BTCC08002	Soft Computing	3	2	0	5	4	full credit	3		Written	15	15	20	50	70	100	100	7008	Yes			
3	BTCC08003	Mobile Computing	3	2	0	5	4	full credit	3		Written	15	15	20	50	70	100	100	7008	Yes			
4	BTCC08004	Project - II	0	8	0	8	4	full credit	0	Only ICA	Viva/ Presentation	0	0	100	100	0	0	100	100	7003	No		
5	BTCC08011	Predictive Modeling	3	0	0	3	3	full credit	0	2	Online	15	15	20	50	50	0	0	50	100	7003	No	
6		Elective-III	3	2	0	5	4	full credit	3		Written	15	15	20	50	70	100	100	7008	Yes			
			15	16	0	31	23					75	75	200	350	270	280	280	550				

Elective-III (Any One)	
BTCC08006	Robotics
BTCC08007	Biometrics
BTCC08008	Parallel Computing
BTCC08009	Multimedia Systems
BTCC08010	Software Quality Assurance & Testing

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Date: 01-07-2019



Head, Computer Science Department





Dean/ Director, MFSTIME