

**SVKM's NMIMS**  
**School Name: Mukesh Patel School of Technology Management & Engineering**  
**Teaching Scheme for Academic Year: 2020-21**  
**To be approved in Academic Council**

Name of the Programme: B. Tech. Computer Science & Business Systems							Year of the Programme: First year				Semester: I & II											
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	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Template Codes	GR applicable (Yes/No)	Remark	
								Term End Examination	Only ICA		Distribution of ICA Marks				TEE		Total					
										Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weightage %				
<b>Semester - I</b>																						
1	BTCS01007	Discrete Mathematics	3	0	1	60	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTCS01008	Statistics, Probability & Calculus	3	0	1	60	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTCS01003	Fundamentals of Computer Science	2	2	1	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	BTCS01009	Principles of Electrical Engineering	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	BTCS01010	Physics for Computing Science	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTCS01006	Business Communication & Value Science - I	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
<b>Total</b>			<b>17</b>	<b>8</b>	<b>3</b>	<b>420</b>	<b>24</b>	<b>18</b>	<b>--</b>	<b>--</b>	<b>60</b>	<b>60</b>	<b>180</b>	<b>300</b>	<b>300</b>	<b>600</b>	<b>300</b>	<b>600</b>				
<b>Semester - II</b>																						
1	BTCS02008	Linear Algebra	3	0	1	60	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTCS02009	Statistical Methods	3	2	1	90	5	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTCS02003	Data Structures & Algorithms	2	2	1	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	BTCS02010	Principles of Electronics Engineering	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	BTCS02005	Fundamentals of Economics	2	0	0	30	2	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTCS02006	Business Communication & Value Science - II	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
7	BTCS02007	Environmental Sciences	2	0	0	30	0	--	Only ICA	--	10	10	30	50	50	--	--	50	100	7032	No	
<b>Total</b>			<b>18</b>	<b>8</b>	<b>3</b>	<b>435</b>	<b>23</b>	<b>18</b>	<b>--</b>	<b>--</b>	<b>70</b>	<b>70</b>	<b>210</b>	<b>350</b>	<b>350</b>	<b>600</b>	<b>300</b>	<b>650</b>				

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School Name: Mukesh Patel School of Technology Management & Engineering  
Teaching Scheme for Academic Year: 2020-21  
(As approved in the Academic Council dated 12th June 2020 Pg No 242 & 243 )

Name of the Programme: B. Tech. Computer Science & Business Systems							Year of the Programme: Second year				Semester: III & IV											
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)	Credits	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Template Codes	GR applicable (Yes/No)	Remarks	
								Term End Examination	Only ICA		Distribution of ICA Marks				TEE		Total					
											Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)				Weightage %
<b>Semester - III</b>																						
1	BTCS03001	Formal Language and Automata Theory	3	2	1	90	5	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTIT04102	Computer Organization & Architecture	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTCO03012	Object Oriented Programming	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	BTCS03004	Computational Statistics	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	BTCO05002	Software Engineering	3	2	1	90	5	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTCS03006	Indian Constitution	2	0	0	30	0	--	--	--	10	10	30	50	50	--	--	50	100	7032	No	
<b>Total</b>			<b>17</b>	<b>10</b>	<b>2</b>	<b>435</b>	<b>22</b>	<b>15</b>	<b>--</b>	<b>--</b>	<b>60</b>	<b>60</b>	<b>180</b>	<b>300</b>	<b>300</b>	<b>500</b>	<b>250</b>	<b>550</b>				
<b>Semester - IV</b>																						
1	BTIT04004	Operating Systems	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTIT03105	Database Management Systems	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTCS04001	Software Design with UML	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	BTCS04002	Introduction to Innovation, IP Management & Entrepreneurship	3	0	0	45	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	BTCS04003	Business Communication & Value Science - III	3	2	1	90	5	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTME08011	Operations Research	2	2	0	60	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
7	BTCO04014	Essence of Indian Traditional Knowledge	2	0	0	30	0	--	--	--	10	10	30	50	50	--	--	50	100	7032	No	
<b>Total</b>			<b>19</b>	<b>10</b>	<b>1</b>	<b>450</b>	<b>23</b>	<b>18</b>	<b>--</b>	<b>--</b>	<b>70</b>	<b>70</b>	<b>210</b>	<b>350</b>	<b>350</b>	<b>600</b>	<b>300</b>	<b>650</b>				





SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2022-2023

Name of the Programme: B. Tech. Computer Science & Business							Year of the Programme: Fourth year					Semester: VII & VIII												
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 types	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Template Codes	GR applicable (Yes / No)	Remark		
									Term End Examination	Only ICA		Distribution of ICA Marks					TEE		Total					
											Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weightage %					
<b>Semester - VII</b>																								
1	BTCS07001	Usability Design of Software Applications	2	0	1	3	2.5	Half	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
2	BTCS07002	IT Workshop Skylab / Matlab	3	0	1	4	3.5	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
3	BTCS07003	Financial Management	3	0	0	3	3	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
4	BTCS07004	Human Resource Management	3	0	0	3	3	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
5	BTCS07005	Elective III	3	1	2	6	5	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
6	BTCS07006	Elective IV	3	1	2	6	5	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
7	BTCS07007	Project Evaluation I	0	0	2	2	1	Half	--	Only ICA	--	0	0	0	0	0	0	0	100	100	7032	No		
<b>Total</b>			<b>17</b>	<b>2</b>	<b>8</b>	<b>27</b>	<b>23</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>--</b>	<b>60</b>	<b>60</b>	<b>180</b>	<b>300</b>	<b>300</b>	<b>600</b>	<b>300</b>	<b>650</b>					
<b>Semester - VIII</b>																								
1	BTCS08008	Services Science & Service Operational Management	3	0	4	7	5	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
2	BTCS08009	IT Project Management	3	0	2	5	4	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
3	BTCS08010	Marketing Research & Marketing Management	3	0	0	3	3	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
4	BTCS08011	Elective V	3	1	2	6	5	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
5	BTCS08012	Elective VI	3	1	2	6	5	Full	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
6	BTCS08013	Project Evaluation II	0	0	4	4	2	Half	--	Only ICA	--	0	0	0	0	0	0	0	100	100	7032	No		
<b>Total</b>			<b>15</b>	<b>2</b>	<b>14</b>	<b>31</b>	<b>24</b>	<b>--</b>	<b>15</b>	<b>--</b>	<b>--</b>	<b>50</b>	<b>50</b>	<b>150</b>	<b>250</b>	<b>250</b>	<b>500</b>	<b>250</b>	<b>600</b>					

