

Name of the Programme: B. Tech. (Computer Engineering)

Year of the Programme: First year

Semester: I &amp; 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 Examination (Hrs)		Mode of Exam Written / OffLine/Online/Computer based / Practical/Viva /Jury/ Presentation	Examination Scheme (Weightage)								Template Codes	GR applicable (Yes / No)	Remark		
									Distribution of Continuous Evaluation Marks					TEE		Total								
									Term End Examination	Continuous Evaluation		Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (Continuous Evaluation+ TEE)				Weightage %	
<b>Semester - I</b>																								
1	BTCO01001	Mathematics-I	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#	
2	BTCO01002	Basic Electrical Engineering	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##	
3	BTCO01003	Physics	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##	
4	BTCO01004	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	BTCO01005	Constitution of India	2	0	0	2	0	non credit	--	Contin uous Evalua tion	--	10	10	30	50	50	--	--	50	100	7032	No		
<b>Total</b>			<b>12</b>	<b>3</b>	<b>8</b>	<b>23</b>	<b>17</b>	<b>--</b>	<b>12</b>	<b>--</b>	<b>--</b>	<b>50</b>	<b>50</b>	<b>150</b>	<b>250</b>	<b>250</b>	<b>400</b>	<b>200</b>	<b>450</b>					
<b>Semester - II</b>																								
1	BTCO02008	Mathematics-II	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#	
2	BTCO02009	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	BTCO02010	Chemistry	3	1	2	6	5	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##	
4	BTCO02011	Workshop / Manufacturing Practices	1	0	4	5	3	full credit	--	Contin uous Evalua tion	--	--	--	50	50	50	--	--	50	100	7032	No		
5	BTCO02012	English	2	0	2	4	3	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##	
<b>Total</b>			<b>12</b>	<b>2</b>	<b>12</b>	<b>26</b>	<b>20</b>	<b>--</b>	<b>12</b>	<b>--</b>	<b>--</b>	<b>40</b>	<b>40</b>	<b>170</b>	<b>250</b>	<b>250</b>	<b>400</b>	<b>200</b>	<b>450</b>					

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

# Syllabus common for B.Tech. (All Stream) &amp; 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)

## SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management &amp; Engineering

Teaching Scheme for Academic Year: 2019-20

(As approved in the Academic Council)

Name of the Programme: B. Tech. Computer Engg.							Year of the Programme: Second year					Semester: III & IV													
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 (Lec)		Mode of Exam Written / OffLine/Online/Computer based / Practical/Viva /Jury/ Presentation	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 - III</b>																									
1	BTCO03009	Mathematics III	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
2	BTCO03014	Digital Logic Design	3	0	2	5	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
3	BTCO03010	Discrete Mathematics	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
4	BTCO03015	Data Structures	3	0	2	5	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
5	BTCO03011	Computer Organization and Architecture	3	0	0	3	3	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
6	BTCO03012	Object Oriented Programming	3	0	2	5	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
7	BTCO03013	Presentation and Communication Techniques	2	0	0	2	2	half credit	--	Only ICA	--	10	10	30	50	50	0	0	50	100	7032	No			
<b>Total</b>			<b>20</b>	<b>2</b>	<b>6</b>	<b>28</b>	<b>25</b>	<b>--</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>						
<b>Semester - IV</b>																									
1	BTCO04015	Elements of Biology	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
2	BTCO04016	Operating System	3	0	2	5	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
3	BTCO04017	Theoretical Computer Science	3	1	0	4	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
4	BTCO04012	Database Management System	3	0	2	5	4	full credit	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes			
5	BTCO04018	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			
6	BTCO04013	Programming Language	2	0	2	4	3	full credit	--	Only ICA	--	10	10	30	50	50	--	--	50	100	7032	No			
7	BTCO04014	Essence of Indian Traditional Knowledge	2	0	0	2	0	Non credit	-	Only ICA	--	10	10	30	50	50	--	--	50	100	7032	No			
<b>Total</b>			<b>19</b>	<b>2</b>	<b>6</b>	<b>27</b>	<b>22</b>	<b>--</b>	<b>15</b>	<b>--</b>	<b>--</b>	<b>70</b>	<b>70</b>	<b>210</b>	<b>350</b>	<b>350</b>	<b>500</b>	<b>250</b>	<b>600</b>						

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

# syllabus common for different streams/ Programme can use common question paper. ( for eg : B.TECH( Stream ) &amp; MBA.TECH (Stream ))

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