

SVKM'S NMIMS
Mukesh Patel School of Technology Management & Engineering

Course Structure: Academic Year 2017-18

Teaching Scheme: B. Tech. (1st Year)

(As approved in the Academic Council)

Name of the Programme : B. Tech. (Common for all branches)							Year: 2017 - 18				Semester : I/II								
Sr. No.	Module / Course Code	Name of the Module/ Course	Theory (Hours per week)	Practical (Hours per week)	Tutorials (Hours per week)	Total Hours per week	Total Credits	Term End Exam Duration (Hrs)		Examination Scheme (Weightage)								Template Codes	
								Written	Only ICA	*ICA				TEE (University / School examination)		Total			
										Test I	Test II	Term work	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks		Weight age %
Semester - I																			
1	BTAB01001	Engineering Mathematics - I	3	0	2	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
2	BTAB01002	Engineering Physics	3	2	0	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
3	BTAB01003	Basic Electrical Engineering	3	2	0	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
4	BTAB01004	Engineering Drawing	3	4	0	7	5	Practical/ 3 hrs.	-	10	10	30	50	30	70*	70	100	100	7008
5	BTAB01005	Engineering Mechanics-I	3	2	0	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
6	BTAB01006	Computer Programming-I	3	2	0	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
7	BTAB01007	Communication Skills	2	0	2	4	3	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
Total			20	12	4	36	28	21		70	70	210	350	210	490	490	700		
Semester - II																			
1	BTAB02001	Engineering Mathematics-II	3	0	2	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
2	BTAB02002	Engineering Chemistry	3	2	0	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
3	BTAB02003	Basic Electronics	3	2	0	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
4	BTAB02004	Engineering Mechanics -II	3	0	2	5	4	Written/ 3 hrs.	-	10	10	30	50	30	70	70	100	100	7008
5	BTAB02005	Computer Programming-II	3	2	0	5	4	Written/ 3 hrs.		10	10	30	50	30	70	70	100	100	7008
6	BTAB02006	Workshop Practice	0	4	0	4	2	-	Only ICA	-	-	50	50	50	-	-	50	100	7003
7	BTAB02007	Constitution of India	2	0	0	2	0	-	Only ICA	10	10	30	50	50	-	-	50	100	7003
Total			17	10	4	31	22	15		60	60	230	350	250	350	350	600		

*Practical TEE examination to be conducted at School level

Signature of the Dean:
(with Date)

Date: 8th August, 2017



Dr. V. R. Lakshmi Gorty
(HoD's Signature)

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School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

Template Codes for Academic year: 2017-18

Campus: MUMBAI

(As approved in the Academic Council)

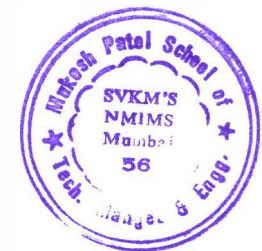
Name of the Programme: B.Tech - Information Technology									Semester: III		Year: 2017 - 18										
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	No. of Students booked for module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam Duration		Examination Scheme (Weightage)								Template Codes	
										Written/ Online	Only ICA	*ICA				TEE		Total			
												Test I	Test II	Term work	Total Marks	Scaled to (marks)	Marks	Scaled to (marks)	Marks		Weightage %
1	BTAB03001	BTAB03001	Engineering Mathematics - III		3	0	2	5	4	3		15	15	20	50	30	70	70	100	100	7008
2	BTAB03002	BTAB03002	Environmental Studies		2	0	0	2	0		Only ICA	15	15	20	50	50	-	-	50	100	7003
3	BTIT03003	BTIT03003	Data Structures and Algorithms		3	2	1	6	4.5	3		15	15	20	50	30	70	70	100	100	7008
4	BTIT03004	BTIT03004	Digital Logic Design		3	2	1	6	4.5	3		15	15	20	50	30	70	70	100	100	7008
5	BTIT03005	BTIT03005	Database Management Systems		3	2	1	6	4.5	3		15	15	20	50	30	70	70	100	100	7008
6	BTIT03006	BTIT03006	Programming Workshop		1	2	0	3	2		2	15	15	20	50	50	-	-	50	100	7003
7	BTIT03007	BTIT03007	Signals and Systems		3	2	0	5	4	3		15	15	20	50	30	70	70	100	100	7008
Total					18	10	5	33	23.5	15		105	105	140	350	250	350	350	600	700	

* ICA Component may vary from programme to programme, therefore changes to be made accordingly.

Name of the Programme: B.Tech - Information Technology									Semester: IV		Year: 2017 - 18										
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	No. of Students booked for module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam Duration		Examination Scheme (Weightage)								Template Codes	
										Written/ Online	Only ICA	*ICA				TEE		Total			
												Test I	Test II	Term work	Total Marks	Scaled to (marks)	Marks	Scaled to (marks)	Marks		Weightage %
1	BTAB04001	BTAB04001	Engineering Mathematics IV		3	0	2	5	4	3		15	15	20	50	30	70	70	100	100	7008
2	BTIT04002	BTIT04002	Computer Organization & Architecture		2	0	1	3	2.5	3		15	15	20	50	30	70	70	100	100	7008
3	BTIT04003	BTIT04003	Microprocessor and Microcontroller		2	2	1	5	3.5	3		15	15	20	50	30	70	70	100	100	7008
4	BTIT04004	BTIT04004	Operating Systems		3	2	1	6	4.5	3		15	15	20	50	30	70	70	100	100	7008
5	BTIT04005	BTIT04005	Web Programming		2	2	0	4	3		2	15	15	20	50	50	-	-	50	100	7003
6	BTIT04006	BTIT04006	Implementation of Technology		0	2	0	2	1		2			50	50	-	-	-	50	100	7003
7	BTIT04007	BTIT04007	Principles of Communication Engineering		3	2	0	5	4	3		15	15	20	50	30	70	70	100	100	7008
Total					15	10	5	30	22.5	15		90	90	170	350	250	350	350	600	700	

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Name of the Programme: B.Tech - Information Technology										Semester: V			Year: 2017 - 18								
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	No. of Students booked for module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam Duration		Examination Scheme (Weightage)								Template Codes	
										Written/ Online	Only ICA	*ICA				TEE		Total			
											Test I	Test II	Term work	Total Marks	Scaled to (marks)	Marks	Scaled to (marks)	Marks	Weightage		
1	BTIT05001	BTIT05001	Unix Programming		1	2	0	3	2		2	15	15	20	50	50	-	-	50	100	7003
2	BTIT05002	BTIT05002	Software Engineering		2	2	1	5	3.5	3	15	15	20	50	30	70	70	100	100	7008	
3	BTIT05003	BTIT05003	Principles of Economics and Management		2	0	0	2	2	3	15	15	20	50	30	70	70	100	100	7008	
4	BTIT05004	BTIT05004	Computer Simulation and Modeling		2	2	1	5	3.5	3	15	15	20	50	30	70	70	100	100	7008	
5	BTIT05105	BTIT05105	Computer Networks		3	2	1	6	4.5	3	15	15	20	50	30	70	70	100	100	7008	
6	BTIT05006	BTIT05006	Distributed Computing		3	2	0	5	4	3	15	15	20	50	30	70	70	100	100	7008	
7	BTIT05007	BTIT05007	Research Methodology		0	2	0	2	1	2			50	50	50	-	-	50	100	7003	
8	BTIT05008	BTIT05008	Ethics for IT Users		0	0	2	2	1	Only ICA			50	50	50	-	-	50	100	7003	
Total					13	12	5	30	21.5	15	90	90	220	400	300	350	350	650	800		

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Name of the Programme: B.Tech - Information Technology										Semester: VI			Year: 2017 - 18							
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	No. of Students booked for module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam Duration		Examination Scheme (Weightage)								Template Codes
										Written/ Online	Only ICA	*ICA				TEE		Total		
											Test I	Test II	Term work	Total Marks	Scaled to (marks)	Marks	Scaled to (marks)	Marks	Weightage	
1	BTIT06002	BTIT06002	Object Oriented Analysis and Design		3	2	1	6	4.5	3	15	15	20	50	30	70	70	100	100	7008
2	BTIT06103	BTIT06103	Wireless Networking		3	2	0	5	4	3	15	15	20	50	30	70	70	100	100	7008
3	BTIT06104	BTIT06104	Advanced Computer Networks		3	2	1	6	4.5	3	15	15	20	50	30	70	70	100	100	7008
4	BTIT06005	BTIT06005	Parallel Computing		3	2	1	6	4.5	3	15	15	20	50	30	70	70	100	100	7008
5	BTIT06106	BTIT06106	Mobile Application Development		1	2	0	3	2	2	15	15	20	50	50	-	-	50	100	7003
6	BTIT06008	BTIT06008	Introduction to Cloud Computing		3	0	1	4	3.5	3	15	15	20	50	30	70	70	100	100	7008
7	BTIT06009	BTIT06009	Programming for Analytics		3	0	0	3	3	3	15	15	20	50	30	70	70	100	100	7008
Total					19	10	4	33	26	18	105	105	140	350	230	420	420	650	700	

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Name of the Programme: B.Tech - Information Technology										Semester: VII			Year: 2017 - 18								
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	No. of Students booked for module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam Duration		Examination Scheme (Weightage)								Template Codes	
										Written/ Online	Only ICA	*ICA				TEE		Total			
												Test I	Test II	Term work	Total Marks	Scaled to (marks)	Marks	Scaled to (marks)	Marks		Weightage
1	71101D012	BTIT07011	Data Warehousing and Mining		3	2	1	6	4.5	3		15	15	20	50	40	60	60	100	100	7005
2	71101S014	BTIT07002	Software Project Management		2	2	1	5	3.5	3		15	15	20	50	40	60	60	100	100	7005
3	71101I003	BTIT07003	Information Security		3	2	0	5	4	3		15	15	20	50	40	60	60	100	100	7005
4	71101P011	BTIT07004	Project - I		0	8	0	8	4		Only ICA			100	100	100	-	-	100	100	7003
5	71101E006	BTIT07010	Ethics for IT Organization		0	0	2	2	1		Only ICA			50	50	50	-	-	50	100	7003
6			Elective I		3	2	1	6	4.5	3		15	15	20	50	40	60	60	100	100	7005
Total					11	16	5	32	21.5	12		60	60	230	350	260	240	240	550	600	

Elective I

SAP Module Code	Module / Subject Code	Name of the Module
71101M008	BTIT07005	Management Information Systems
71101M005	BTIT07006	Multimedia Systems
71101A004	BTIT07007	Artificial Intelligence
71101I006	BTIT07009	Information Storage and Management


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Name of the Programme: B.Tech - Information Technology										Semester: VIII			Year: 2017 - 18								
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	No. of Students booked for module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam Duration		Examination Scheme (Weightage)								Template Codes	
										Written/ Online	Only ICA	*ICA				TEE		Total			
												Test I	Test II	Term work	Total Marks	Scaled to (marks)	Marks	Scaled to (marks)	Marks		Weightage %
1	71101S015	BTIT08001	System Administration		1	2	0	3	2		2	15	15	20	50	50	-	-	50	100	7003
2	71101S005	BTIT08011	Service Oriented Architecture		3	2	0	5	4	3		15	15	20	50	40	60	60	100	100	7005
3	71101E004	BTIT08003	Electronic Commerce		2	2	0	4	3	3		15	15	20	50	40	60	60	100	100	7005
4	71101B001	BTIT08012	Business Visualization		2	0	0	2	2	3		15	15	20	50	40	60	60	100	100	7005
5	71101P013	BTIT08004	Project - II		0	12	0	12	6		Only ICA			200	200	200	-	-	200	100	7003
6			Elective II		3	2	1	6	4.5	3		15	15	20	50	40	60	60	100	100	7005
Total					11	20	1	32	21.5	12		75	75	300	450	410	240	240	650	600	

Elective II

SAP Module Code	Module / Subject Code	Name of the Module
71101R001	BTIT08005	Robotics
71101H001	BTIT08006	High Speed Networking Architecture and Protocols
71101I008	BTIT08007	Information Security Assurance and Forensics
71101A007	BTIT08008	Advanced Database Management System
71101C007	BTIT08009	Cloud Computing
71101H003	BTIT08010	Human Computer Interaction
71101I010	BTIT08013	Internet of Things

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