

SVKM's NMIMS  
School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING (Campus: Mumbai, Shirpur Campus)  
Teaching Scheme for Academic Year: 2023-24 (Batch 2020-24)

Name of the Programme : B. Tech Information Technology								Year of the Programme: Fourth Year				Semester : VII													
Sr. No.	Module/ Subject Code	Name of the Module	Area / Discipline	Theory Hours per week	Practicals Hours per week	Tutorials Hours per week	Total no. of hours for the subject in a term	Credits	Duration of Examination		Mode of Exam	Examination Scheme (Weightage)								Templa te Codes	Category	GR applica ble (Yes /No)	R e m a r k	Academic council date and page number	
									Term End Examination	Only ICA		Distribution of ICA Marks				Term End									Total
											Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Scale d Mark s ( ICA+ TEE)	Wei ghtage %						
1	702IT0C029	Information Systems Security	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#	AC 20.1.2023 Pg 51
2	702IT0C026	Cloud Computing	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes		
3		Department Elective V (Choose any one)		2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes	#	
4		Department Elective VI (Choose any one)		2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
5		Open Elective V		X	X	X	X	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	INTD	Yes		
6	702EE0C002	Capstone Project	Engineering	0	8	0	120	4	--	--	--	--	--	100	100	100	--	--	100	100	7032	COMP	No	Only ICA	AC 13.6.2023 Pg 107
Total				8	16	0	360	19	15			50	50	250	350	350	500	250	600						

\*Term work = Viva / Presentations / Journals / Assignments / Quizes / MCQs / Business plans / Role plans etc.

# Syllabus common for B Tech (IT) ad MBA Tech (IT), can use common question paper.

<sup>1</sup>Course to be selected from the basket of Department Electives V/VI. Scheme will be as per the course requirement.

<sup>2</sup>Course to be selected from a common open elective basket of interdisciplinary courses offered by different departments. Scheme will be as per the course requirement.

Capstone Project - Course is project based Learning. There will presentation at the end of the semester.

Department Elective V							
Module/ Subject Code	Name of the course	Area / Discipline	L	P	T	C	Remarks
702IT0E035	Software Testing	Information Science/Technology	2	2	0	3	
702AI0C008	Deep Learning	Artificial Intelligence	2	2	0	3	
702IT0E028	Ethical Hacking	Information Science/Technology	2	2	0	3	
702IT0E036	Network Design	Information Science/Technology	2	2	0	3	
702CO0C034	Distributed Computing	Computer Engineering	2	2	0	3	

Department Elective VI								
Module/ Subject Code	Name of the course	Area / Discipline	L	P	T	C	Remarks	Academic council date and page no
702IT0E037	Advanced Machine Learning	Information Science/Technology	2	2	0	3		
702IT0E039	Visual Analytics	Information Science/Technology	2	2	0	3	Practical Exam	AC 20.1.2023 Pg 69
702IT0E038	Database Administration	Information Science/Technology	2	2	0	3		
702EX0E004	Image and Video Processing	Electronics & Telecommunication	2	2	0	3		

Date: 4.8.2023

  
Kunal/Ketki  
Prepared / Verified by

  
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Dr. Alka Mahajan  
Dean, MPSTME