

SVKM's NMIMS
School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING (Campus: Mumbai, Shirpur)
Teaching Scheme for Academic Year: 2023-24 (Batch 2021-25)

Name of the Programme : B Tech Information Technology								Year of the Programme: Third Year				Semester : VI													
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 (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Template Codes	Category	GR applicable (Yes/ No)	Remark	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)	Scaled Marks (ICA+ TEE)	Weightage %						
1	702BS0C063	Interpersonal Skills	BSh-English	0	2	0	30	1	-	-	-	-	-	50	50	50	-	-	50	100	7032	COMP	No	#Only ICA	AC 13.6.2023 Pg 60
2	702A10E002	Mobile Application Development	Artificial Intelligence	2	2	0	60	3	-	-	-	10	10	80	100	100	-	-	100	100	7032	COMP	No	Only ICA	
3	702IT0C020	Machine Learning Algorithms	Information Science/ Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#	
4	702IT0C024	Software Project Management	Information Science/ Technology	1	2	0	45	2	-	-	-	10	10	30	50	50	-	-	50	100	7032	COMP	No	Only ICA	
5	702IT0C023	System Administration	Information Science/ Technology	1	2	0	45	2	-	-	-	10	10	30	50	50	-	-	50	100	7032	COMP	No	Only ICA	
6		Department Elective II (Choose any one)		2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes	#	AC 13.6.2023 Pg 60
7		Department Elective III (Choose any one)		2	2	0	60	3	3	-	Written/ Practical	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes	#	
8		Open Elective III	Information Science/ Technology	X	X	X	X	3	-	-	Written	10	10	30	50	50	100	50	100	100	7031	INTD	Yes		
9		Open Elective IV		X	X	X	X	3	-	-	Written	10	10	30	50	50	100	50	100	100	7031	INTD	Yes		
Total				10	14	0	360	23	9			80	80	340	500	500	500	250	750						

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

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

Mobile Application Development - Course focusses on application development principles and concepts using Android and IOS Operating systems. The evaluation is based on full-fledged Android/IOS application as a part of mini project.

Software Project Management and System Administration - Project based syllabus

Interpersonal Skills - This 1 credit practical course requires rigorous formative and summative Internal assessment continuously, to ensure the students have acquired specific interpersonal skills, thereby eliminating the need for term end assessment.

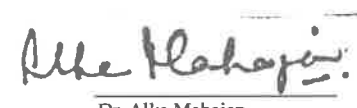
Department Elective II							Remarks
Module Code	Name of the course	Area/Discipline	L	P	T	C	
702IT0E014	Computer Graphics	Information Science/ Technology	2	2	0	3	
702IT0E038	Database Administration	Information Science/ Technology	2	2	0	3	
702IT0E010	Introduction to Cryptography	Information Science/ Technology	2	2	0	3	
702EX0E004	Image and Video Processing	Electronics & Telecommunication	2	2	0	3	

Department Elective III							Remarks
Module Code	Name of the course	Area/Discipline	L	P	T	C	
702IT0E022	Software Quality Assurance	Information Science/ Technology	2	2	0	3	
702IT0E024	Cyber Forensics	Information Science/ Technology	2	2	0	3	
702IT0E025	Advanced Web Programming	Information Science/ Technology	2	2	0	3	Practical Exam
702EX0E003	Internet of Things (IoT)	Electronics & Telecommunication	2	2	0	3	
702IT0E016	Blockchain Technology	Information Science/ Technology	2	2	0	3	

Date: 30.11.2023


Kunal/Kethi
Prepared / Verified by


Dr. Ketan Shah
HOD, Information Technology Department


Dr. Alka Mahajan
Dean, MPSTME