

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

Name of the Programme: B Tech (Computer Engineering)								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	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Template Codes	Category	GR applicable (Yes/No)	Remarks	Academic council date and page number	
									Term End Examination	Only ICA		Distribution of ICA Marks				Term End Examination		Total							
											Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weight age %						
1	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		AC dtd 20th Jan 2023 Pg 143
2		¹ Department Elective IV	Artificial Intelligence/ Computer Engineering	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
3		¹ Department Elective V	Artificial Intelligence/ Information Science/ Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
4		¹ Department Elective VI	Data Science / Information Science / Technology / Mechatronics	2	2	0	60	3	3	-	Written / Computer based	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
5		² 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	0	-	-	0	0	100	100	100	0	0	100	100	7032	COMP	No	Only ICA*	AC 13.6.2023 Pg 107
Total				8	16	0		19				50	50	250	350	350	500	250	600						

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

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

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

¹ Course to be selected from the basket of Department Elective IV/V/VI. Scheme will be as per the course requirement.

² 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 IV		
Code	Name of the course	Area/Discipline
702AI0C008	Deep Learning	Artificial Intelligence
702AI0E007	Cryptography and Network Security	Artificial Intelligence
702CO0E017	IoT and Applications	Computer Engineering

Department Elective V		
Code	Name of the Course	Area/Discipline
702AI0C009	Natural Language Processing	Artificial Intelligence
702IT0E028	Ethical Hacking	Information Science/ Technology
702IT0E016	Blockchain Technology	Information Science/ Technology

Department Elective VI			
Code	Name of the	Area/ Discipline	Mode of Exam
702DB0C029	Big Data Analytics	Data Science	Written
702IT0E024	Cyber Forensics	Information Science/ Technology	Written
702MH0E015	Robotic Process Automation	Mechatronics	Written + Computer Based

Note: The subject of Robotics Process Automation has been adopted or approved in Mechatronics department AC dated 20th January 2023 as an nomenclature 'Robotic Process Automation'

Date 06.07.2023

Deepa / Hazel

Deepa / Hazel
Prepared / Verified by

Seema Shah

Dr. Seema Shah
HOD, Computer Engineering

Alka Mahajan

Dr. Alka Mahajan
Dean, MPSTME