

SVKM's NMIMS
School Name: Mukesh Patel School of Technology Management & Engineering (Campus: Chandigarh,Hydrabad)
Teaching Scheme for Academic Year: 2022-23 (Batch: 2022-26)
(As approved in the Academic Council dated 14th October 2022)

Name of the Programme: B Tech Computer Science and Engineering (Data Science)								Year of the Programme: First Year								Semester: II									
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)						Templ ate Codes	Category	GR applic able (Yes/ No)	R e m a r k	Academic council date and page number			
									Term End Exami nation	Only ICA		Distribution of ICA Marks				Term End Examination							Total		
											Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Quest ion Paper)	Scaled to (Marks)						Scaled Marks (ICA+ TEE)	Wei ghtage %	
1	702BS0C051	Linear Algebra and Differential Equations	BSH-Mathematics	3	0	1	60	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#	AC 14.10.2022 page 509
2	702BS0C002	Physics	BSH-Physics	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#	
3	702CS0C002	Digital Circuits and Computer Architecture	Computer Science	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes		
4	702TG0C001	Principles of Economics and Management	Technology Management - General Management	3	0	0	45	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#	
5	702CI0C014	Environmental Science	Civil Engineering	1	0	1	30	2	--	--	--	10	10	30	50	50	--	--	50	100	7032	COMP	No	Only ICA	
6	702DB0C011	Python for Data Analysis**	Data Science	0	4	0	60	2	3	--	Practical	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	**NUE	
7	702ME0C016	Digital Manufacturing Laboratory	Mechanical Engineering	0	2	0	30	1	--	--	--	--	--	50	50	50	--	--	50	100	7032	COMP	No	Only ICA	
8	702EX0C021	Electrical and Electronics Workshop	Electronics & Telecommunication	0	2	0	30	1	--	--	--	--	--	50	50	50	--	--	50	100	7032	COMP	No	Only ICA	
9	702BS0C007	Critical Thinking	BSH-Other	2	0	0	30	0	--	--	--	--	--	50	50	50	--	--	50	100	7032	COMP	No	Only ICA	
Total				15	12	2	435	21	15			60	60	330	450	450	500	250	700						

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

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

Syllabus common for B Tech all program except Civil, Mechanical, CSBS and CSDS, can use common question paper.

**Python for Data Analysis - NUE based course because at the end semester the exam will be in the lab with project-based problems which will help the students to become more confident about their knowledge and skills in a project-based course like python.

Environmental Science - The course is for the general awareness about the environment.


Digital Manufacturing Laboratory - This course is a practice-oriented course. The evaluation is purely based on periodic assessments based on the jobs prepared by the students.


Electrical and Electronics Workshop - his course empowers students to gather practical knowledge and skills using Internal Continues Assessment (ICA) throughout the semester.

Critical Thinking - This course inculcates and encourages Critical thinking behaviour, which is taught and assessed throughout the semester.

Date : 28.10.2022

Sangeeta / Jayanti
Prepared / Verified by


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