

(As approved in the Academic Council dated 14th October 2022)

Name of the Programme: B Tech Artificial Intelligence, Artificial Intelligence and Machine Learning								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									
											Written/ OffLine/On line/Computer based/ Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Quest ion Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weig htag e %						
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 556	
2	702BS0C021	Probability and Random Variables	BSH-Mathematics	2	0	1	45	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#		
3	702BS0C049	Elements of Biology	BSH-Biology	3	0	0	45	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes	#		
4	702ME0C001	Engineering Graphics and Design	Mechanical Engineering	2	2	0	60	3	3		Practical	10	10	30	50	50	100	50	100	100	7031	COMP	Yes			
5	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	#		
6	702AI0C004	Python Programming	Artificial Intelligence	0	2	0	30	1	3	--	Practical	10	10	30	50	50	100	50	100	100	7031	COMP	Yes			
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	702BS0C005	Professional Ethics	BSH-Other	1	0	0	15	1	--		--	10	10	30	50	50	--	--	50	100	7032	COMP	No	Only ICA		
10	702BS0C011	Design Thinking	BSH-Other	2	0	0	30	0	--	--	--	--	--	50	50	50	--	--	50	100	7032	COMP	No	Only ICA		
Total				16	8	2	390	20	18	--	--	70	70	360	500	500	600	300	800							

* 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.

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.

Professional Ethics - This course focuses on instilling professional ethics, which are taught and assessed throughout the semester.

Design Thinking - This course helps to develop a human-centric approach to problem-solving, which requires to be assessed continuously throughout the semester.

Date :
06.10.2023

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