

Computer Engineering Department

Structure of the Program MBA Tech Computer Engineering (Batch 2022 - 2027)

Year of the Programme: First Year (Academic Year 2022-23)						
Semester I				Semester II		
Sr. No.	Course Name	Credit/s		Sr. No.	Course Name	Credit/s
1	Calculus	4		1	Linear Algebra and Differential Equations	4
2	Physics	4		2	Quantum and Statistical Physics	3
3	Fundamentals of English Communication	1		3	Elements of Biology	3
4	Programming for Problem Solving	4		4	Engineering Graphics and Design	3
5	Basic Electrical and Electronics Engineering	3		5	Management Accounting for Engineers	2
6	Design Thinking	0		6	Professional Ethics	1
7	Environmental Science	2		7	Constitution of India	0
8	Digital Manufacturing Laboratory	1		8	Critical Thinking	0
9	Electrical and Electronics Workshop	1		9	Python Programming	1
	Total	20			Total	17
Year of the Programme: Second Year (Academic Year 2023-24)						
Semester III				Semester IV		
Sr. No.	Course Name	Credit/s		Sr. No.	Course Name	Credit/s
1	Probability and Statistics	3		1	Complex Variables and Transforms	4
2	Discrete Mathematics	3		2	Computer Organization and Architecture	3
3	Technical Communication	1		3	Design and Analysis of Algorithms	3
4	Principles of Economics and Management	3		4	Database Management Systems	3
5	Digital Logic Design	3		5	Microprocessor and Microcontroller	4
6	Data Structures and Algorithms	4		6	Theoretical Computer Science	3
7	Computer Networks	3		7	Web Programming	3
8	Data Extraction and Processing	2		8	Object Oriented Programming through JAVA	1
9	Community Service	0				
	Total	22			Total	24
Year of the Programme: Third Year (Academic Year 2024-25)						

Semester V			Semester VI		
Sr. No.	Course Name	Credit/s	Sr. No.	Course Name	Credit/s
1	Software Engineering	3	1	Cyber Security	3
2	Artificial Intelligence	3	2	Distributed Computing	3
3	Image and Video Processing	3	3	Machine Learning	3
4	Operating Systems	3	4	Department Elective II	3
5	Department Elective I	3	5	Department Elective III	3
6	Open Elective I	3	6	Open Elective III	3
7	Open Elective II	3	7	Open Elective IV	3
			8	Interpersonal Skills	1
	Total	21		Total	22
Year of the Programme: Fourth Year (Academic Year 2025-26)					
Semester VII			Semester VIII		
Sr. No.	Course Name	Credit/s	Sr. No.	Course Name	Credit/s
1	Cloud Computing	3	1	Department Elective VI	3
2	Department Elective IV	3	2	Project	5
3	Department Elective V	3			
4	Open Elective V	3			
7	Technical Internship	4			
	Total	16		Total	8
1	Operations Management	2	1	Business Analytics	2
2	Quantitative Techniques	2	2	Project Management	2
3	Financial Analysis and Working Capital Manage	2	3	Financial Management	2
4	Marketing Management	2	4	B2B Marketing	2
5	Innovation - I	1	5	Innovation - II	1
6	Fundamentals of Accounting	1	6	Organizational Behaviour	2
	Total	10	7	Business Research Methods	2
	Value Added Courses		8	Personal Skills For Business *	2
				Total	15
				Value Added Courses	

					Spreadsheet modelling	0
Year of the Programme: Fifth Year (Academic Year 2026-27)						
Semester IX				Semester X		
Sr. No.	Course Name	Credit/s		Sr. No.	Course Name	Credit/s
1	Human Resource Management	2		1	Strategic Management	2
2	Legal Aspects of Business	1		2	Management of Technology	2
3	Business Communication	2		3	Business Problem Solving *	2
4	Elective- 1	2		4	Elective- 5	2
5	Elective- 2	2		5	Elective- 6	2
6	Elective- 3	2		6	Elective- 7	2
7	Elective- 4	2		7	Elective- 8	2
	Total	13			Total	14
	Value Added course				Value Added Course	
	MIP Management Internship Programme - 12 Cr	12			Foreign Languages (any one)	2
Total Credits for the Programme		216				