

Program Structure for Diploma in Computer Engineering Program (Batch 2025-28)					
Year of the Programme : First Year (Academic Year 2025-26)					
Semester I			Semester II		
Sr. No.	Course Name	Credit /s	Sr. No.	Course Name	Credit /s
1	Mathematics-I	4	1	Mathematics-II	4
2	Applied Physics-I	3	2	Applied Physics-II	3
3	Applied Chemistry	2	3	Introduction to Electrical and Electronics Engineering	3
4	Engineering Drawing	3	4	Engineering Mechanics	4
5	Computer Programming	3	5	Introduction to Object Oriented Programming	3
6	Communication Skills	2	6	Applied Physics-II Lab	1
7	Engineering Workshop Practice	1	7	Introduction to Electrical and Electronics Engineering Lab	1
8	Applied Physics-I Lab	1	8	Social and Life Skills	1
9	Applied Chemistry Lab	1			
	Total	20		Total	20
Year of the Programme : Second Year (Academic Year 2026-27)					
Semester III			Semester IV		
Sr. No.	Course Name	Credit /s	Sr. No.	Course Name	Credit /s
1	Mathematics-III	4	1	Introduction to Database Management System	3
2	Data Structures	3	2	Website Designing	3
3	Digital Techniques	4	3	Data Communication and Computer Networks	3
4	Java Programming	3	4	Microprocessor and Microcontrollers	4
5	Basic Computer Hardware and Troubleshooting	1	5	Introduction to Operating Systems	3
6	Basics of Multimedia and Animation	2	6	Entrepreneurship Development and Startups	2
7	Computer System Architecture	2	7	Internship	4
8	Community Engagement	0	8	Data Analysis and Visualization	2
	Total	19		Total	24
Year of the Programme : Third Year (Academic Year 2027-28)					
Semester V			Semester VI		
Sr. No.	Course Name	Credit /s	Sr. No.	Course Name	Credit /s
1	GUI and Mobile Application Development	3	1	System Security	3
2	Python Programming	3	2	Introduction to Cloud Computing	3
3	Software Engineering	3	3	Fundamentals of Artificial Intelligence and Machine Learning	4
4	Datamining Techniques	4	4	Environmental Science and Sustainability	2
5	Advanced Website Designing	3	5	Department Elective II	3
6	Capstone Project Planning	2	6	Capstone Project Execution	4
7	Department Elective I	3	7	Emerging Trends in Computer Engineering	1
	Total	21		Total	20
Total Credits for the Programme		124			
Total no. of courses		46			