Program Structure for Diploma in Computer Science and Engineering (Batch 2025-28)					
Year of the Programme: First Year (Academic Year 2025-26)					
Semester- I			**Semester- II**		
S. No.	Course	Credits	S. No.	Course	Credits
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**		
S. No.	Course	Credits	S. No.	Course	Credits
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	Introduction to Optimization Techniques	3
5	Basic Computer Hardware and Troubleshooting	1	5	Introduction to Operating Systems	3
6	Introduction to Statistical Learning for Data Science	3	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	**20**		**Total**	**23**
Year of the Programme: Third Year (Academic Year 2027-28)					
Semester- V			**Semester- VI**		
S. No.	Course	Credits	S. No.	Course	Credits
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	Data Mining 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	Indian Constitution	0	7	Emerging Trends in Computer Engineering	1
8	Department Elective - I	3			
	Total	**21**		**Total**	**20**
	Total Credits for the Programme		**124**		
	Total No of Courses		**48**		