

**DIPLOMA CE/ IT SCHEME OF CURRICULUM
W.E.F:2023-2024**

Course Code	Course Name	L	T	P	CREDIT
Semester-I					
02000101	Mathematics-I	3	1	0	4
02000102	English Communication and Life Skill - I	3	0	0	3
02000103	Applied Science (Chemistry)	3	0	2	4
02010101	Engineering Mechanics	3	0	2	4
02010102	Workshop	0	0	8	4
02020101	Basics of Civil Engineering	3	0	2	4
02050101	Basics of Electrical Engineering	3	0	2	4
	TOTAL	18	1	16	27
Semester-II					
02000201	Mathematics-II	3	1	0	4
02000202	English Communication and Life Skill - II	3	0	0	3
02000203	Applied Science (Physics)	3	0	2	4
02000204	Environmental Science	4	0	0	4
02010201	Basics of Mechanical Engineering	3	0	2	4
02010202	Basics of Engineering Graphics	2	0	4	4
02080201	Computer Fundamentals And Programming With C	3	0	2	4
	TOTAL	21	1	10	27
Semester-III					
02000301	English Communication and Life Skill - III	3	0	0	3
02080301	Programming In C++	3	0	2	4
02070301	Database Management System	3	0	2	4
02070302	Data Structure Management	3	0	2	4
02070303	Basics of Operating System	3	0	2	4

02070304	Introduction To Artificial Intelligence	3	0	0	3
	TOTAL	18	0	8	22
Semester-IV					
02000401	English Communication and Life Skill - IV	3	0	0	3
02060402	Basics of Microprocessors & Its Architecture	3	0	2	4
02080401	Software Engineering	3	1	0	4
02080402	Basics of Web Technology	3	0	2	4
00020804	Programming In Python	3	0	2	4
00020805	Introduction To Machine Learning	3	0	0	3
02070404	Basics of Computer Graphics	3	0	2	4
	TOTAL	21	1	8	26
Semester-V					
02080501	Object Oriented Programming With Java	3	0	2	4
02080502	Deep Learning	3	0	0	3
02080503	System Analysis And Design	3	0	2	4
02070503	Computer Networks	3	0	2	4
02000501	Advance Python Programming	3	0	0	3
02080504	Project-I	0	0	8	4
	TOTAL	15	0	14	22
Semester-VI					
02080601	Cloud Computing	3	0	0	3
02080603	Basic of Data Science (R Practical)	3	0	2	4
02080606	Project-II	0	0	-	8
	TOTAL	6	0	2	15

