

Bachelor of Computer Application Scheme of Curriculum
W.E.F. :-2023-2024

Course Code	Course Name	L	T	P	CREDIT
Semester - I					
130001101	Foundation Course in English	2	0	0	2
130001102	Environmental Science	2	0	0	2
130001103	Basic Mathematics- I	2	0	0	2
139901101	Programing in c	4	0	0	4
139901102	Computer fundamental and emerging technology	3	0	2	4
139901103	Networking and internet environment	4	0	0	4
139901104	Practical based on 139901101 & 139901103	0	0	8	4
	TOTAL	17	0	10	22
Semester - II					
130002101	Soft skills and personality development	2	0	0	2
130002102	Yoga & wellness	1	0	2	2
130002103	Discrete mathematics	2	0	0	2
130002104	Practical based on 139902101 & 139902102	0	0	8	4
139902101	Advanced c and Data structure	4	0	0	4
139902102	Database management system	4	0	0	4
139902103	Basics of web technology	3	0	2	4
	TOTAL	16	0	12	22
Semester - III					
13990301	Object Oriented Programing with C++	4	0	0	4

13990302	Web Technology using PHP	4	0	0	4
13990303	Practical Based on 13990301 & 13990302	0	0	8	4
13990304	Logical & Critical Thinking	2	0	0	2
13990305	Enterprise Resource Planning	2	0	0	2
13990306	Software Project Management	2	0	0	2
	Elective - I	3	0	0	3
13990307	Machine Learning Fundamentals				
13990312	Introduction to Decentralized Finance				
	Elective - II	3	0	2	4
13990308	Data Analytics and Visualization Tools				
13990313	Cryptocurrency and Digital Ledgers				
	TOTAL	20	0	10	25

Semester - IV					
13990405	Linux Programming with Shell Scripting	4	0	0	4
13990406	Data Warehousing and Mining	4	0	0	4
13990407	Data Communication And Networks	4	0	2	5
13990408	Java Programming	4	0	0	4
13990402	Practical Based on 13990405 and 13990408	0	0	8	4
	Elective - III	3	0	0	3
13990409	Deep Learning Fundamentals - III				
13990411	Enterprise Blockchain Application and Hyper Ledger - III				
	Elective - IV	3	0	2	4
13990410	Open Source Machine Learning Tools - IV				
13990412	Programming Fundamentals: Golang - IV				
	TOTAL	22	0	12	28