Program Structure of Bachelor of Computer Applications (BCA)

Course Code	Ist Sem	Course Code	IInd Sem	Course Code	IIIrd Sem
BCA1001	Introduction to Computer Science	BCA2001	Data Structures and Algorithms	BCA3001	Programming in Java
BCA1002	Mathematics	BCA2002	Data Communications and Computer Networks	BCA3002	Probability and Statistics
BCA1003	Communication Skills	BCA2003	Relational Database Management Systems	BCA3003	Software Engineering and Agile Frameworks
BCA1004	Programming in C	BCA2004	Operating Systems & Scripting Languages	BCA3004	Computer Organisation
BCA1005	Environmental Science & Green Computing	BCA2005	Introduction to ERP	BCA3005	Internet and Web technologies
Course Code	IVth Sem	Course Code	Vth Sem	Course Code	VIth Sem
BCA4001	Python Programming	BCA5001	Introduction to Data Science	BCA6001	Introduction to DevOPs and Project Management
BCA4002	Website creation frameworks	BCA5002	Cyber and Information Security	BCA6002	Blockchain Technologies and Applications
BCA4003	Data Warehousing and Data Mining	BCA5003	Introduction to Big Data Architecture and Ecosystem	BCA6003	Introduction to AI & ML
BCA4004	Software Testing	BCA5004	Cloud Computing and its Applications	BCA6004	Flexi Credit Course
BCA4005	Mini Project	BCA5005	Industry 4.0	BCA6005	Project