

## I Semester

Course Code	Course Title
24BCA2T411	C Programming
24BCA2L211	C Programming Practical
24CDS2T411	Database Management System
24CDS2L211	Database Management System Practical
24CDS2T412	Mathematical Foundation for Data Science
24ENG1T312	Musings in English Literature
Any One to be Opted	
24KAN1T312	Saahithya Sangama I
24HIN1T312	Hindi Kahani aur Prayojanmulak Hindi
24AEN1T311	Listening and Comprehension in English
24ESC1T311	Environmental Studies and Conservation
24SEC4A111	Skill Enhancement Course: Life Skills Education

## II Semester

Course Code	Course Title
24BCA2T421	Data Structures
24BCA2L221	Data Structures Practical
24CDS2T421	Basic Statistical Analysis using R
24CDS2L221	Basic Statistical Analysis using R Practical
24DML2T421	Operating System and Networks
24ENG1T322	Glimpses: Readings from English Literature
Any One to be Opted	
24KAN1T322	Saahithya Sangama II
24HIN1T322	Hindi Kavitha aur Anuvaad Koushal
24AEN1T321	Conversation Practice in English
24INC1T321	India and Indian Constitution
24SEC4A121	Skill Enhancement Course: Yoga and Wellness

## III Semester

Course Code	Course Title
24BCA2T431	Java Programming
24BCA2L231	Java Programming Practical

24CDS2T431	Modern Databases and its Applications
24CDS2L231	Modern Databases and its Applications Practical
24CDS2T432	Linear Algebra
24ENG1T332	Symphony of English Literature
Any One to be Opted	
24KAN1T332	Saahithya Sangama III
24HIN1T332	Hindi Natak Sahitya aur Sanchar Maadhyam evam Hindi
24AEN1T331	Essential English Reading
24DGE6T231	Digital Engineering
24SEC4A232	Skill Enhancement Course: Financial Education and Investment Awareness

#### IV Semester

Course Code	Course Title
24CDS2T441	Probability and Inferential Statistics
24CDS2L241	Probability and Inferential Statistics Practical
24CDS2T442	Data Warehousing and Data Mining
24CDS2L242	Data Warehousing and Data Mining Practical
24CDS2T443	Artificial Intelligence for Data Science
24ENG1T342	Ruminations of English Literature
Any One to be Opted	
24KAN1T342	Saahithya Sangama IV
24HIN1T342	Hindi Laghu Upanyas aur Bhasha ke Vividh Roop
24AEN1T341	Fundamentals of English Written Communication
24BSD6T241	Basics of Open Source Demystified
24SEC4A241	Bharatiya Knowledge System

#### V Semester

Course Code	Course Title
24DML2T451	Machine Learning Techniques
24DML2L251	Machine Learning Techniques Practical
24BCA2T452	Python Programming

24BCA2L252	Python Programming Practical
24CPL2T451	Research Methodology
24CDSAT451	Statistical Analysis using SPSS
24DSI7I251	Internship

## VI Semester

Course Code	Course Title
24CDS2T461	Exploratory Analysis
24CDS2L261	Exploratory Analysis Practical
24CDS2T462	Data Visualization
24CDS2L262	Data Visualization Practical
24DIT2T463	Software Engineering
24CDSAT461	Big Data Analytics
24DSP8P461	Research Project