

# Bachelor in Computer Application (BCA)

Curriculum shall be as follows:-

Semester - I		Semester - II	
Course Code	Course Title	Course Code	Course Title
Paper - I	Introduction to Information Technology	Paper - V	Programming in C
Paper - II	Computer Mathematical Foundation	Paper - VI	Operating System
Paper - III	Communication & Soft Skills	Paper - VII	Computer System Architecture
Paper - IV	PRACTICAL (Practical Papers of the 1st Semester)	Paper - VIII	PRACTICAL (Practical Papers of the 2nd Semester)

  

Semester - III		Semester - IV	
Course Code	Course Title	Course Code	Course Title
Paper - IX	Programming in C++	Paper - XIII	Data Communication & Computer Network
Paper - X	System Analysis & Design	Paper - XIV	Relation Data Base Management System
Paper - XI	Data Structure	Paper - XV	Visual Basic .NET
Paper - XII	PRACTICAL (Practical Papers of the 3rd Semester)	Paper - XVI	PRACTICAL ( Practical Papers of the 4th Semester)

  

Semester - V		Semester - VI	
Course Code	Course Title	Course Code	Course Title
Paper - XVII	Software Engineering	Paper - XXI	Artificial Intelligence (Elective-I) or Robotics Engineering (Elective-I)
Paper - XVIII	Computer Graphics	Paper - XXII	Compiler ( Elective-II) or Advanced Micro Processors System (Elective-II)
Paper - XIX	Java Programming	Paper - XXIII	PRACTICAL ( Practical Papers of the 6th Semester)
Paper - XX	PRACTICAL (Practical Papers of the 5th Semester)	Paper - XXIV	PROJECT REPORT