Computer Programming
Code: **BCA 203**
CONTACTS: 3L + 1 T
CREDITS: 4

Introduction to visual Basic, polymorphism, inheritance, class, object etc. Creating standard exe file. Forms, Tool Bar, different Tools (Text Box, label, combo box, list box, timer, Picture, image, command button). Code window. Basic event based programming on controls.

Including multiple forms within a project. Saving forms and projects. Using data control for database oriented application (Back end Ms-Access).

Arrays – Single dimensional, two dimensional, dynamic

Searching – Linear and binary, sorting-bubble sort, selection sort, insertion sort; Function and sub-routine-defining a function, referencing a function; defining a subroutine, referencing a subroutine; string processing-string function, concatenation, alphabetical sorting;

Data files-sequential data file, random access files.