

## **Software Tools**

**Code : CS 492**

Contacts : 3L

**Credits :2**

1. Introduction to Visual Basic/VC++ & difference with BASIC. Concept about form Project, Application, Tools, Toolbox

- i. Controls & Properties. Idea about Labels, Buttons, Text Boxes.
- ii. Data basics, Different type variables & their use in VB,
- iii. Sub-functions & Procedure details, Input box () & MsgBox ().
- iv. Making decisions, looping
- v. List boxes & Data lists, List Box control, Combo Boxes, data Arrays.
- vi. Frames, buttons, check boxes, timer control,
- vii. Programming with data, ODBC data base connectivity.
- viii. Data form Wizard, query, and menus in VB Applications,
- ix. Graphics.

2. Case studies using any of the following items including relevant form design with the help of visual programming aids.

- a) Payroll accounting system.
- b) Library circulation management system.
- c) Inventory control system.
- d) University examination & grading system.
- e) Patient information system.
- f) Tourist information system.
- g) Judiciary information system.
- h) Flight reservation system.
- i) Bookshop automation software.
- j) Time management software.