

## **PS03CMCA51 [Unit-1 & Unit-2]**

### **Topics to be considered**

#### **1. Basic Web Application Development Tools**

- HTML5 : Document Layout, Features of HTML5, Important tags : <audio>, <video>, <header>, <footer> <section>, <article>, <nav> etc.
- CSS3 : CSS Style Rule, Advantages and disadvantages of CSS, Advantages and disadvantages of CSS3, CSS3 selector, Modules – CSS Box Model, CSS based frameworks, Bootstrap – introduction, benefits etc.
- jQuery - syntax, library, jQuery methods, jQuery effects, jQuery Accordion

#### **2. Web Frameworks for Python**

- Introduction to web frameworks : full-stack and non-fullstack
- Working with Flask framework, steps for creating flask based application, example of Minimal Flask Application, using HTML Page in Flask
- Working with Django, Steps to install Django, Steps for creating Django Application