

**Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
(Autonomous)
Department of BBA (C.A.)**

Bootstrap Syllabus

Course Objectives:

1. Built-in Support for layout, grids, fluid grids, and responsive designs.
2. Pre-built CSS: Contains global CSS classes for typography, tables, grids, forms, buttons, images, and more
3. Components: Contains lots of reusable components including Icons, Dropdowns, Navbars, Breadcrumbs, Popovers, Alerts, and many more.
4. To equip students with the skills to set up the Bootstrap environment and integrate the framework into web development projects effectively.
5. To enable students to utilize ready-made Bootstrap themes and customize components
6. To provide opportunities for students to implement Bootstrap practically by building fully functional, responsive web pages and web applications.
7. To introduce students to Bootstrap components such as navigation bars, buttons, tables, forms, pagination, and alerts, and show them how to integrate these elements into their websites.

Course Outcome:

1. Understand Bootstrap Framework:
2. Set up a working environment for Bootstrap and apply it to web applications.
3. Employ the Bootstrap Grid System to create responsive, well-structured layouts.
4. Implement features like column offsets, reordering columns, and customizing class properties for a fluid design.
5. Apply ready-made Bootstrap themes and customize Bootstrap's components, variables, and jQuery plugins to meet design needs.
6. Create and style lists, panels, thumbnails, and progress bars using Bootstrap's component library.
7. Develop responsive web applications using Bootstrap's grid, typography, and form layouts.
8. Apply Advanced Bootstrap Features in web projects.

Module 1:-Introduction to Bootstrap (Theory)

10hrs

- 1.1. Bootstrap Framework
- 1.2. History of Bootstrap



- 1.3. Advantages of Bootstrap Framework
- 1.4. Responsive web page
- 1.5. Remove Responsiveness
- 1.6. Major Features of Bootstrap
- 1.7. Mobile First Strategy
- 1.8. Setting up Environment
- 1.9. Apply Bootstrap to Applications

Module 2:- Bootstrap Grid (practical)

10hrs

- 2.1 Bootstrap Grid Container
- 2.2 offset Column
- 2.3 Reordering Columns
- 2.4 Advantages of Bootstrap Grid
- 2.5 Displaying responsive Images
- 2.6 Change class properties
- 2.7 Use of readymade themes
- 2.8 Customize Bootstrap's components, less variables, and jQuery plug-in.
- 2.9 Bootstrap Typography
- 2.10 Bootstrap Tables
- 2.11 Bootstrap Form Layout
- 2.12 Bootstrap Button
- 2.13 Display images in different styles like Circle shape etc
- 2.14 Display text like muted and warning etc
- 2.15 Carets Classes
- 2.16 Hide or show the text in Bootstrap

Module 3:- Bootstrap Components (practical)

10hrs

- 3.1 Bootstrap Components
- 3.2 Glyphicons Component
- 3.3 Dropdown Menu Component
- 3.4 Button Groups and Button Toolbar
- 3.5 Different Input Groups Components
- 3.6 Navigation Pills & Tabs Components
- 3.7 Navbar Component
- 3.8 Breadcrumb Component
- 3.9 Pagination Component
- 3.10 Labels/Badge Components
- 3.11 Jumbotron/Page Header Components.
- 3.12 Thumbnail Component



- 3.13 Alerts & Dismissible Alerts
- 3.14 Create Progress Bar
- 3.15 Media Objects Component
- 3.16 Bootstrap List Group Component
- 3.17 Bootstrap Panel Component

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Head

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