

FRONT-END:**HTML SYLLABUS:**

- HTML Introduction
- HTML Attribute
- HTML Styles
- HTML Text
- HTML Quotations
- HTML Comments
- HTML Colors
- HTML CSS
- HTML Links
- HTML Images
- HTML Tables
- HTML Lists
- HTML Block and Inline Elements
- HTML Class Attribute
- HTML Java Script
- HTML Layouts
- HTML Forms
- HTML Computer Code elements
- HTML Responsive design

CSS SYLLABUS:

- ✓ CSS Attribute Selectors
- ✓ CSS Backgrounds
- ✓ CSS Borders
- ✓ CSS Box Model
- ✓ CSS Colors
- ✓ CSS Combinators
- ✓ CSS Dropdown
- ✓ CSS Fonts
- ✓ CSS Height and Width
- ✓ CSS Introduction
- ✓ CSS Layout display
- ✓ CSS Layout float and clear
- ✓ CSS Layout Horizontal & Vertical Align
- ✓ CSS Layout inline and block
- ✓ CSS Layout Overflow
- ✓ CSS Layout Position Property

- ✓ CSS Layout width and max- width
- ✓ CSS Links
- ✓ CSS Lists
- ✓ CSS Margins
- ✓ CSS Navigation Bar
- ✓ CSS Opacity
- JavaScript Function
- JavaScript Object
- JavaScript Array
- JavaScript String
- JavaScript Date
- JavaScript Math

JAVASCRIPT SYLLABUS:

- JavaScript Introduction
- JavaScript Basic Programs
- External JavaScript
- JavaScript Comments
- JavaScript Variable
- JavaScript Global Variable
- JavaScript Datatypes
- JavaScript Operators
- JavaScript If Statement
- JavaScript Switch
- JavaScript Loop

BOOTSTRAP SYLLABUS:

- ✓ BS Introduction
- ✓ BS Grid Basic
- ✓ BS Typography
- ✓ BS Tables
- ✓ BS Images
- ✓ BS Jumbotron
- ✓ BS Wells
- ✓ BS Alerts
- ✓ BS Buttons
- ✓ BS Button Groups
- ✓ BS Glyphicons
- ✓ BS Badges/Labels
- ✓ BS Progress Bars
- ✓ BS Pagination
- ✓ BS Pager
- ✓ BS List Groups
- ✓ BS Panels
- ✓ BS Dropdowns
- ✓ BS Collapse

PYTHON FULL STACK SYLLABUS:

- ✓ BS Tabs/Pills
- ✓ BS Navbar
- ✓ BS Forms
- ✓ BS Inputs
- ✓ BS Inputs 2
- ✓ BS Input Sizing
- ✓ BS Media Objects
- ✓ BS Carousel
- ✓ BS Modal
- ✓ BS Tooltip
- ✓ BS Popover
- ✓ BS Scroll spy
- ✓ BS Affix
- ✓ BS Filters

BOOTSTRAP GRIDS:

- ✓ BS Grid Systems
- ✓ BS Stacked/Horizontal
- ✓ BS Grid Small
- ✓ BS Grid Medium
- ✓ BS Grid Large

BOOTSTRAP THEMES:

- ✓ BS Templates
- ✓ BS Theme "Simply Me"
- ✓ BS Theme "Band"
- ✓ BS Theme "Company"

BOOTSTRAP CSS REF:

- ✓ CSS All Classes
- ✓ CSS Buttons
- ✓ CSS Forms
- ✓ CSS Images
- ✓ CSS Tables

BACKEND:

PYTHON SYLLABUS:

INTRODUCTION:

- Keywords & Identifier
- Statements & Comments
- Python Data types
- Python I/O and Import
- Python Operators
- Operator Precedence

FLOW CONTROL:

- Python if...else
- Python for Loop
- While Loop
- Break and Continue
- Pass Statement
- Looping Technique

NATIVE DATA TYPES:

- Python Numbers
- Python List
- Python Tuple
- Python String
- Python Set
- Python Dictionary

FUNCTIONS:

- Python Function
- Function Argument
- Python Recursion
- Anonymous Function
- Python Modules
- Python Package

FILE HANDLING AND**EXCEPTION HANDLING:**

- File Operation
- Python Directory
- Python Exception
- Exception Handling
- User-defined Exception

OOPS:

- Class
- Object
- Encapsulation
- Data Hiding

- Inheritance

- Polymorphism

FRAMEWORK:**DJANGO:**

- ✓ Django Introduction
- ✓ Features of Django
- ✓ Django Project
- ✓ Django App
- ✓ Creating Multiple Apps in a Project
- ✓ Application wise URL Mappings
- ✓ Creating Django Templates
- ✓ Sending the data from view to templates
- ✓ Inserting images into templates
- ✓ Linking templates style sheets in Django
- ✓ Inserting JavaScript code into templates
- ✓ Setting Home Page
- ✓ Database Management System
- ✓ Introduction to Model

- ✓ Creating Models in Django
- ✓ How to use models into views
- ✓ Django MySQL Connectivity
- ✓ Django Admin Interface
- ✓ Django ORM
- ✓ Model Forms in Django
- ✓ Saving form data into database
- ✓ Creating HTML Forms using Django Forms
- ✓ CRUD Operations in Django
- ✓ CRUD Operations using Class Based Views
- ✓ Authentication and Authorization
- ✓ Django Cookies
- ✓ Django Session
- ✓ Create CSV with Django
- ✓ Django PDF

DATABASE:**MYSQL:**

- MYSQL Database
- MYSQL Connect
- MYSQL Create DB
- MYSQL Create Table
- MYSQL Insert Data
- MYSQL Get Last ID
- MYSQL Insert Multiple
- MYSQL Prepared
- MYSQL Select Data
- MYSQL Delete Data
- MYSQL Update Data
- MYSQL Limit Data

