Front-End Development

➢ **HTML**
- Introduction to Web
- Basics of HTML
- Tags and Elements
- Text formatting tags
- Links and Types of link
- Images and Image mapping
- Table and List
- Frames
- Forms
- HTML 5 Tags
- Media Tags
- Presentation Centric Tags vs Semantic Centric Tags

➢ **CSS**
- Types of CSS
- Selectors, Advanced Selectors, Pseudo classes
- Properties on Background, Text, Font, Table, List, Display, Input, Display, Positions
- Box Model(Content Area, Border, Outline, Padding, Margin)
- CSS3 Advanced Properties : radius, reflect, filter
- Colors, Units, Opacity, Gradient, Variables, Box-sizing, Transition, Animation
- Media Queries, Flexbox
- How to use CSS
- Designing website with **HTML** and **CSS**

➢ **Javascript**
- Introduction to JavaScript
- Tokens
- Datatypes and Variable, Constant
- Operators
- Control structure
- Functions : Types
- Logical Programs based on basic
- Alert boxes
- Objects and Methods on String, Number, Math, Array, Date
- Built-in functions
- Events and Types of events
- DOM
- BOM
- Logical Programs with DOM + events + objects
- Timing events and functions
- Object hierarchical diagram and programs
- Exception handling

- Validation with regular expression with various ways.
- Local storage
- ES6 Features(let, Template literals, Default parameter, Destruction, Spread operator, Rest argument, Arrow function, Classes, Promises, Hoisting, Modules, Symbol)

➢ **Overview of Jquery**
➢ **Overview of Bootstrap**