



UI/UX Development Syllabus

DURATION – 5 MONTHS

MODE OF TRAINING – OFFLINE/ONLINE



HTML



-
- **Introduction to HTML**
 - **Basic HTML Tags**
 - **Text Formatting & Styles**
 - **Lists**
 - **Links & Navigation**
 - **Images & Multimedia**
 - **Tables**
 - **Forms & Input Elements**



HTML5



- Introduction to HTML5
- Semantic Elements
- HTML5 Forms & Input Types
- Audio & Video
- SVG (Scalable Vector Graphics)
- Project-1 static website





CSS



- **Introduction to CSS**
- **Selectors & Combinators**
- **Box Model**
- **Colors & Backgrounds**
- **Typography (Fonts & Text Styling)**
- **Lists & Tables**
- **CSS Positioning & Layout**



Activate Windows



CSS 3



- **Introduction to CSS 3**
- **Flexbox**
- **Grid Layout**
- **Pseudo classes and Pseudo elements**
- **Transitions & Animations**
- **CSS3 Shadows & Effects**
- **Media Queries & Responsive Design**
- **Advanced CSS Techniques**
- **Project-2 Responsive Website**



Activate Windows

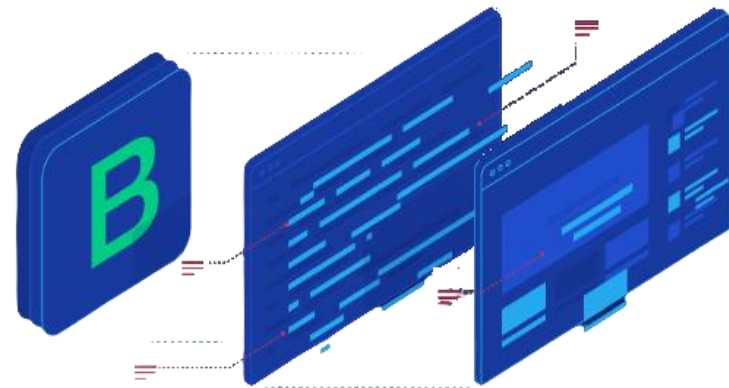


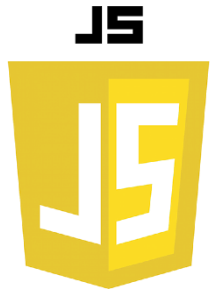
BOOTSTRAP 4



BOOTSTRAP 4

- **Installation Of Bootstrap 4**
- **Bootstrap Forms**
- **Bootstrap Containers**
- **Bootstrap Colors**
- **Bootstrap Buttons**
- **Bootstrap Cards**
- **Bootstrap Dropdowns**
- **Bootstrap Navbar**
- **Bootstrap Carousel**
- **Bootstrap Components**
- **Bootstrap Grid System**
- **Project-3 Responsive Website Development**



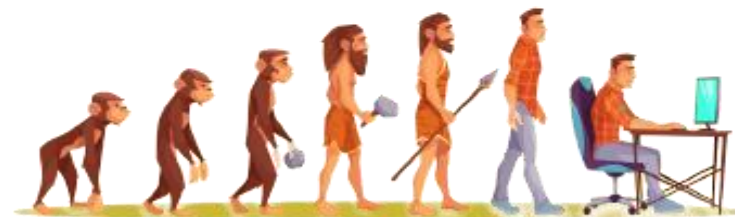


JavaScript



- **Introduction to JavaScript**
- **JavaScript Basics**
- **Control Structures**
- **Functions**
- **Arrays & Objects**
- **DOM Manipulation**
- **Event Handling**
- **ES6+ Features**

JS





Advance Java Script



- **Asynchronous Programming**
- **Closures & Scope**
- **Error Handling**
- **Project-4**

Module 1: Introduction to UI/UX Design



- **What is UI (User Interface)?**
- **What is UX (User Experience)?**
- **Difference between UI and UX**
- **Role of a UI/UX Designer & Developer**
- **Design thinking process**
- **Real-life examples of good/bad UI/UX**

Module 2: UX Research & Planning



- **Understanding user needs**
- **Empathy mapping**
- **Creating user personas**
- **User journey mapping**
- **Competitor analysis**
- **Storyboarding**
- **Information architecture**

Module 3: Wireframing & Prototyping



- **Low-fidelity vs High-fidelity wireframes**
- **Tools: Balsamiq, Figma, Adobe XD, Sketch**
- **Creating interactive prototypes**
- **Clickable wireframes**
- **UX Flow creation**

Module 4: Visual Design & UI Principles



- **Color theory**
- **Typography & iconography**
- **Layout & spacing**
- **Grids and alignment**
- **Visual hierarchy**
- **Responsive design principles**
- **Accessibility (WCAG Guidelines)**
- **Design systems and UI Kits**

Module 5: UI Design Tools (Hands-On)



- **Figma (primary tool)**
- **Adobe XD**
- **Sketch (for mac users)**
- **InVision (for prototyping)**
- **Zeplin (for handoff to developers)**



Aptitude

Quantitative Aptitude

- Average
- Percentage
- Profit and Loss
- Simple Interest
- Compound Interest
- Ratio Proportion
- Time and Work
- Time
- Speed
- Distance Number
- System
- Permutation and Combination
- Probability
- Data Interpretation

Logical Reasoning

- Blood Relation
- Direction sense
- Coding and decoding
- Clocks and Calendar
- Cubes and Dices
- Seating arrangement
- Syllogism
- Data sufficiency
- Puzzles
- Miscellaneous



Softskill



- **Setting the tone**
- **Introduction of Be Employable**
- **Competency Matrix**
- **Effective Communication**
- **Presentation skills**
- **Business Communication**
- **Attitude + Motivation**
- **Emotional Intelligence**
- **Leadership**
- **Create CV/Resume**
- **Group Discussion**
- **Mock Group Discussion**
- **PI practice**
- **Virtual Interview**
- **Industry Knowhow and future, Certifications and action plan**

Key Feature

- **Trainer with 12+ Years of Experience**
- **200 hours of high-quality course**
- **Best Quality Training**
- **Live Project Experience**
- **Demo Lectures are available**
- **In-depth Course Contents**
- **100 % Placement Assistance**
- **Internship support**

Orange Itech Offer You



THANK YOU

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