

Inventateq

ADVANCED UI DEVELOPMENT COURSE CURRICULUM

YOUR JOB HUNTING ENDS HERE





Start your career with UI Development course that gets
Your dream job!

Become A UI/UX Certified Professional

It is only skills and not degree that can help you grow. But if you are one of those individuals who believe in getting certified along with skills then we have got you covered. After completion of the training not only will you become an expert in UI Development but you will also be a UI Development certified professional.

One Training Program 5 Certifications

Inventateq

-  HTML CERTIFICATE
-  CSS CERTIFICATE
-  ANGULAR JS CERTIFICATE
-  NODE JS CERTIFICATES
-  Industry Recognized INVENTATEQ Certificate

GET TRAINING AND **inventateq** GET EMPLOYED



CLASS ROOM TRAINING



ONLINE TRAINING



CORPORATE TRAINING

18,409+
Trainees

500+
Batches

4.9/5
Ratings

18,409+ Success Stories

Here is what they say about INVENTATEQ.



Before Joining Inventateq, I don't know any thing before training but after my training I am equal to 3+ exp. highly experienced trainer for UI development courses.

MANIKANTH



This UI Development course Provided by Inventateq is very interesting and I enjoying it very much. I thought it was going to be difficult to understand, but I am getting through the course at my own pace. I would recommend Inventateq to anyone interested in web design.

RAVINDRA



I have learned lot in Inventateq, UI Development course and got update present web Designing thing. I prefer Inventateq for those guys who like to learn web Designing course. Overall I had good experiences in learning this course.

MANOHAR JISHU



I heard about UI developer training and I joined Inventateq. It was great experience during UI training. instructor, taught me every aspects of web development in short duration with practical knowledge. Today I can handle complete web development projects successfully by myself. Wish you all to get the benefit of the course and bright future in web development.

VIVEK

18,409+ Success Stories

Here is what they say about INVENTATEQ.



Really, I had a great experience during my UI course, where the trainers are very knowledgeable which made me improve my skills in HTML, CSS and JScript. Perhaps, I had an opportunity to attend for an interview and I got placed. Thanks to Inventateq.

SUKANTA ROY



Invetateq is a good institute for those who want a career in UI web development and designing. They teach everything step by step which is needed. Teachers are very helpful. 2.5/3 months of learning is enough. After the training I got a job in a good company. Thanks to Inventateq.

SARANYA N



Inventateq is very good institute. They taught step by step in web designing. After complete course they help to get a job as UI Designer. I have 3 months of training of this Institute. Now I'm doing job in a very good company. Thanks to Inventateq.

VIJAYA LAKSHMI



Best instructor + Best study material + 100% support is what made my experience with Inventateq very amazing and satisfiable too. Can't recommend a better institute. Not only did I get to learn UI Course but I got 3 great job opportunities within no time and I chose the best amongst them.

VARALAKSHMI

Training Process



DETAILED SYLLUBUS

TABLE OF CONTENT	
1	UXD Overview
2	HTML/HTML5
3	CSS
4	Bootstrap RWD Framework
5	DOM
6	JavaScript
7	Angular Js and Node Js
8	MySQL
9	Agile Scrum Methodology

What Is UI/Web Development?

1. What is web how it works?
2. What is UI Development?
3. Basic overview of application architecture

Key elements and technologies in UI Development

Inventateq

UXD Overview

1. Strategy
2. Scope
3. Structure
4. Skeleton
5. Surface
6. Misc(Wireframe, Information Arc, Interaction Design, Accessibility, Usability etc)

01. HTML/HTML5 Elements

1. What is html?
 - a. What is tags and elements
 - b. What is attributes
2. Purpose of html
3. Html Document anatomy
4. Html Validation
5. More about Doc types
6. Html Document Head
 - a. Title
 - b. Meta tag
 - c. Charset
 - d. Style tag
 - e. Script tag
 - f. Link tag
 - g. Base tag
 - h. Complete overview of head
7. Html Body
 - a. Content types/ Data types
 - b. What is Semantic?
 - c. Block vs Inline elements
 - d. Text format
 - i. Display different type of text content
 - ii. Header tags
 - iii. White spaces
 - iv. Formatting etc



- e. Html entities
- f. Links
 - i. Anchor tags
 - ii. Target, title attributes
 - iii. Relative vs Absolute
 - iv. Id links and External id links
 - v. Access Keys
- g. Html Lists
 - i. Unordered list
 - ii. Ordered list
 - iii. Definition list
 - iv. Nested list
- h. Table
 - i. Table structure
 - ii. Semantic Table structure
 - iii. Rows – Columns
 - iv. Col Span
 - v. Row Span
 - vi. Cell padding, Cell spacing
 - vii. Borders and formatting table
- i. Images and objects
 - i. Embedding images
 - ii. Working with Transparent images
 - iii. Embedding Video audio
 - 1. Object tag with params
 - 2. Html5 video audio embedding system
 - 3. Browser compatibility issues and how to over come
- j. Html forms
 - i. Form tag
 - ii. Input types
 - iii. Accessible forms
- k. URL Encoding
- l. Layouts and semantic html layout structure
- m. Usability & Accessibility standards
- n. Creating pure html template
- o. Conditional statements
- p. Improve Performance
- q. HTML 4 vs HTML 5

02. CASCADING STYLE SHEET



1. What is css?
2. Types of css
3. Syntax
4. Selectors
5. Colours
6. Lengths & Percentages
7. Formatting html elements
8. Css box model
9. Grouping
10. Nesting
11. Pseudo classes and elements
12. Floats
13. Display property
14. Positions
15. Layers
16. Background images
17. Shorthand properties
18. Css specificity
19. Css 3 new features
 - a. Rounded corners
 - b. Gradients
 - c. Embedding fonts
 - d. Transitions
 - e. Miscellaneous other features
20. Layouts
 - a. Fixed layouts
 - b. Fluid Layouts
 - c. RWD
 - d. UCD
 - e. Discussing other layout types

- 21.** Working with project
- 22.** Embedding Fonts
- 23.** Media queries
- 24.** RWD
 - a. What is RWD
 - b. RWD View ports
 - c. RWD Videos/Images
 - d. Working with RWD project with core technologies
 - e. RWD Frameworks Overview
- 25.** Improving Performance
- 26.** Optimizing css
- 27.** Css Browser Hacks
- 28.** Compatibility issues and how to solve

02. Bootstrap

RWD Framework

1. What is bootstrap?
2. Exploring bootstrap
 - a. Layout system
 - b. Grid system
 - c. Components
 - d. Exploring all other features
3. Creating Project with bootstrap

03. DOM

Inventateq

1. What is Dom?
2. Working with dom?
3. Dom structure
4. Traversing Dom
5. Working on CRUD with DOM

04. JavaScript

1. Data types
 - a. Numbers
 - b. Strings
 - c. Boolean
 - d. Undefined
 - e. Null
 - f. Arrays
 - g. Objects
2. Variables
3. Comments
4. Operators
 - a. Arithmetic operators
 - b. Comparison operators
 - c. Logical operators
 - d. Assignment operators
 - e. Conditional operator
5. Conditional Statements
 - a. If , if else, if else if
 - b. Switch
6. Loops
 - a. While loop
 - b. Do while loop
 - c. For loop (Advance concepts how to optimize)
 - d. For in loop (will be discussed in objects)
7. Functions
 - a. Defining function
 - i. Types of defining functions and types of calling functions
 - ii. Function statements
 - b. Working parameters
 - i. Passing params to functions
 - ii. Working with 'N' number of params
 - iii. Special Arguments array
 - c. Return statements
 - d. Anonymous functions

- e. Nested functions
- e. Function that return functions
- f. Self-invoking functions
- g. Literal functions
- h. Scopes
- i. Lexical scope
- j. Closures
- k. Closures in Loop

8. Objects /Prototype & patterns (Object oriented javascript)

- a. What is objects?
- b. Defining Objects?
- c. Properties and methods
- d. Inheritance
- e. Prototype
- f. Js patterns
 - i. Singleton pattern
 - ii. Constructor pattern
 - iii. Discussing about other patterns
- g. Linking objects with another object
- h. Accessing other object properties and methods
- i. Data Structures
- j. Application Data Structures
- k. Looking into other frame works (special topic)

9. Arrays

- a. Defining arrays
- b. Exploring arrays properties
- c. Exploring array methods
- d. Working with multi-dimensional arrays
- e. Looping array data
- f. More Advanced concepts in Arrays and array methods

10. Javascript Built in Functions and objects

- a. String
- b. Date
- c. Math
- d. Regex . . .
- e. BOM, DOM, Window,

11. Events

- a. Exploring event types
- b. Binding events
- c. Optimal way of attaching events

- d. Event Phases
 - i. Capturing ii. Bubbling iii. Targeting
 - e. Event Delegation
 - f. Prevent Default
 - g. Stop propagation
 - h. Stop immediate propagation
 - i. Exploring other event methods
12. Working with timeout functions
 13. Ajax with Core javascript
 14. Form handling with javascript
 15. Working with Core javascript project
 16. Cookies
 17. Error Handling
 18. Debugging
 19. JS Miscellaneous

What are JS Frameworks?

JQuery

1. What is JQuery?
2. Embedding JQuery to html documents
3. JQuery Selectors
4. JQuery Css
5. JQuery Dimensions
6. Manipulation
7. Traversing
8. JQuery Events
9. JQuery Effects
10. Ajax
11. Data manipulation from Dynamic sources
12. Services
 - a. REST
 - b. SOAP overview
13. Form Validation
14. Project With JQuery
15. Plugins
16. Exploring JQuery UI

Angular 6

1. Angular 6 Introduction
2. Use of Angular
3. Different Versions of Angular and their differences
4. Typescript & ES6
5. Power of Functions
6. Classes
7. Interfaces
8. Modules
9. Decorators
10. Angular CLI
11. Components
12. Angular libraries
13. Angular Modules
14. Databinding
15. Predefined and Custom Directives
16. Predefined and custom pipes
17. Forms and validations
18. Dependency injection
19. Routing and navigation
20. Services
21. Testing
22. Deployment

Node js

1. Node Js Fundamentals
2. Application Environment setup with Node , Bower etc

HTML5 API

1. Exploring HTML5 new features
2. GEO Location
3. Drag/Drop
4. Local Storage
5. App Cache
6. WEB Workers and SSE

Mysql

- Database Management system
- Relational Database Management Systems
- Normalization
- Crud Operations

SDLC Overview

Brief Knowledge about Agile Scrum Methodology

Miscellaneous Topics

1. How to overcome with Browser Compatibility issues
2. Quirk Mode overview
3. Events vs Browser support
4. Interview tips & tricks
5. Looking across APP Data
6. UI Future technologies

OUR HIRING PARTNERED COMPANIES LIST



Inventateq



POPULAR COURSES FROM INVENTATEQ



100% JOB ORIENTED TRAINING COURSES WE PROVIDE

❖ Digital Marketing (SEO/Social Media/PPC Google Adwords)	❖ BigData Hadoop Course	❖ Machine Learning Certification Training
❖ Best SEO Training	❖ Spark and Scala Course	❖ Block Chain Training
❖ AWS Training	❖ DevOps Training	❖ Artificial Intelligence Courses
❖ Cloud Computing Training	❖ Angularjs and Node JS Training	❖ Tally ERP & GST Accounting classes
❖ Data Science Courses	❖ Weblogic Training	❖ Java course
❖ RPA Training	❖ .NET Technologies	❖ Software Testing Course, Manual Testing, QTP, UFT, Loadrunner
❖ Internet of Things IoT Training	❖ SOA Suite 11g	❖ C C++ Course
❖ Microsoft Azure Training	❖ Oracle DBA Training	❖ Tableau
❖ Data Warehousing - Informatica	❖ Oracle SQL, PLSQL, DBA, D2k, Apps	❖ PHP MYSQL, Python
❖ Selenium Training	❖ ETL Testing Course	❖ Human Resources Classes
❖ IBM Cognos 10 BI & Cognos TM1	❖ PPC Training Institute	❖ Microstrategy Course
❖ Qlikview (Designer, Developer, Publisher, Server)	❖ Autodesk Revit Training	❖ Cisco CCNA Networking
❖ IBM Websphere	❖ Autodesk CAD 2d and 3d	❖ SAS Training
❖ Learn ODI 11g	❖ Catia Training	❖ Softskill Courses
❖ Python Training	❖ Wiring Harness Training	❖ ITIL Certificate Training
❖ Abinitio Classes	❖ Content Writing Training	❖ SAP Courses
❖ Web Designing Course	❖ Siebel CRM Courses	❖ OBIEE
❖ Data Stage Classes	❖ Clear Case Training	

6 CENTERS AND COUNTING

BTM LAYOUT

#687, 1st Floor, 29th Main, 3rd Cross,
Coming from Silkboard, take left at AXA
company signal, opp to OI Play school,
Bangalore, Karnataka.
Call us : 080 - 42108236
Mail Us: inventateq.btm@gmail.com

MARATHALLI

No.43, 3rd Floor, Marathahalli, from Old
Brand Factory towards Old Airport, Next
to Axis Bank,
Bangalore, Karnataka
Call us: 080 - 42024661
Mail Us:
inventateqq.marathahalli@gmail.com

JAYA NAGAR

No. 16, 2nd Floor, 11th Main Road,
Jayanagar 4th 'T' Block,
Next to Jayanagar Head Post-office,
Bangalore – 41.
Call us: 080 - 41502315
Mail Us:
inventateq.jayanagar1@gmail.com

RAJAJI NAGAR

No. 18, 2nd Floor, Mahakavi Kuvempu
Rd, near Navrang Theatre Road, Opposite
to Nethradhama Hospital MKK Road, 1st
Block, Rajajinagar, Bengaluru, KA-560010.
Call us 080 - 41713019
Mail Us:
inventateq.rajajinagar@gmail.com

KALYAN NAGAR

No. 509, 4th Main, Kammanahalli Main Rd,
HRBR Layout 3rd Block, HRBR Layout,
Kalyan Nagar, Bengaluru, Karnataka 560043
Near McDonald's, Opposite to Petrol Bank
and Aptech
Bangalore, Karnataka 560043.
Call us +91-6366644707
Mail Us: inventateq.kalyannagar@gmail.com

CHENNAI

Velachery main road, No 2, 11th Main
Road, G1 Es El En Manasarover, Vijaya
nagar Opposite to Grand Mall, Near
Chennai Silks, Next to Venkateswara
Super Market, VELACHERY, Chennai,
Tamilnadu-600042
Call us +91-9840021877 | 044-43324939
Mail Us: inventateq.chennai@gmail.com

IT IS TIME YOU GET STARTED WITH FREE DEMO CLASSES



www.inventateq.com
info@inventateq.com



76-76-76-5421



Weekday Batches
Weekend Batches