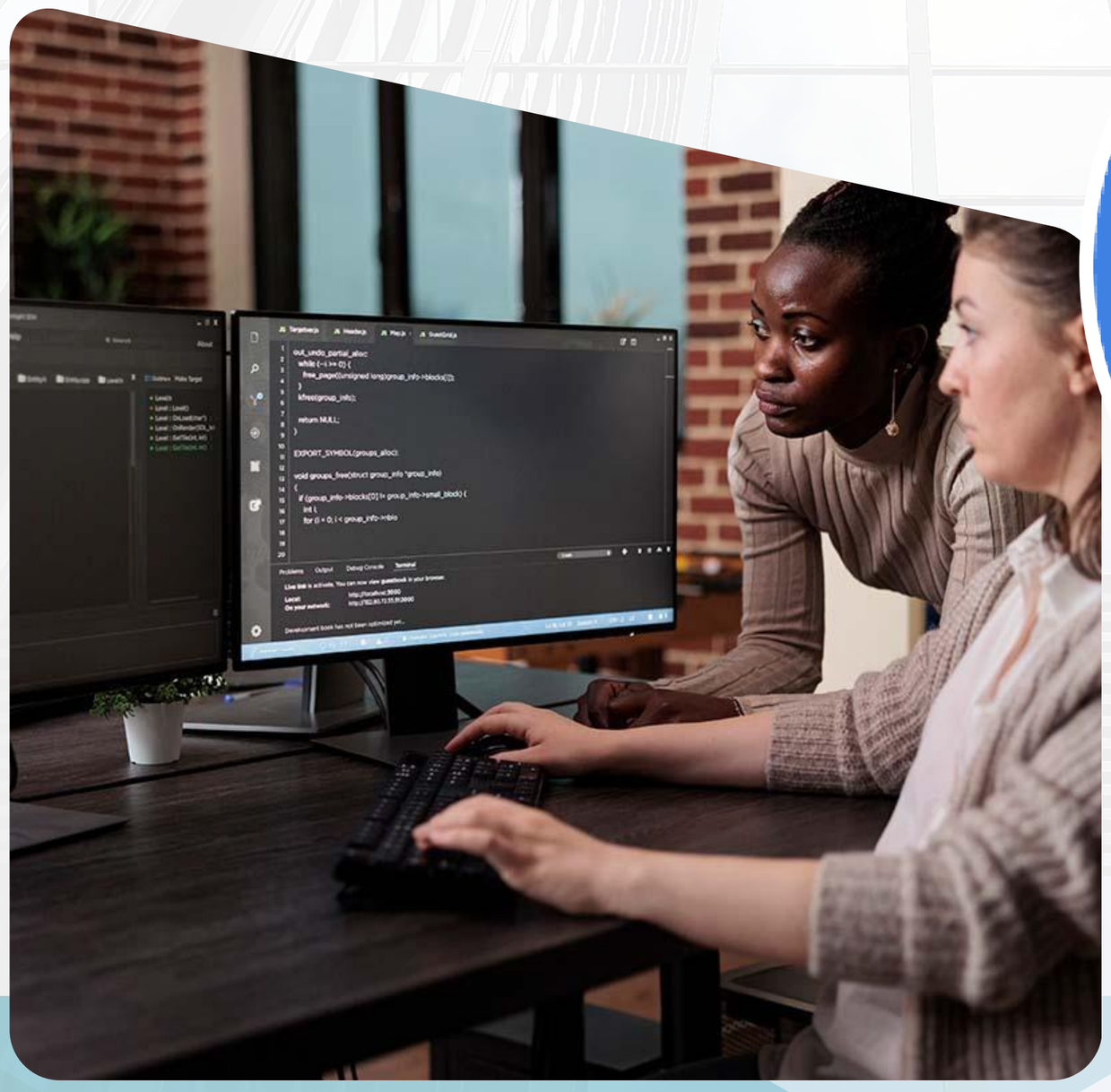
AiNS Computer Institute

FULL STACK MVC

"Master Full-Stack Development: Navigate the MVC Framework with Confidence!"

JOIN
AiNS



MVC

+91 8805845720

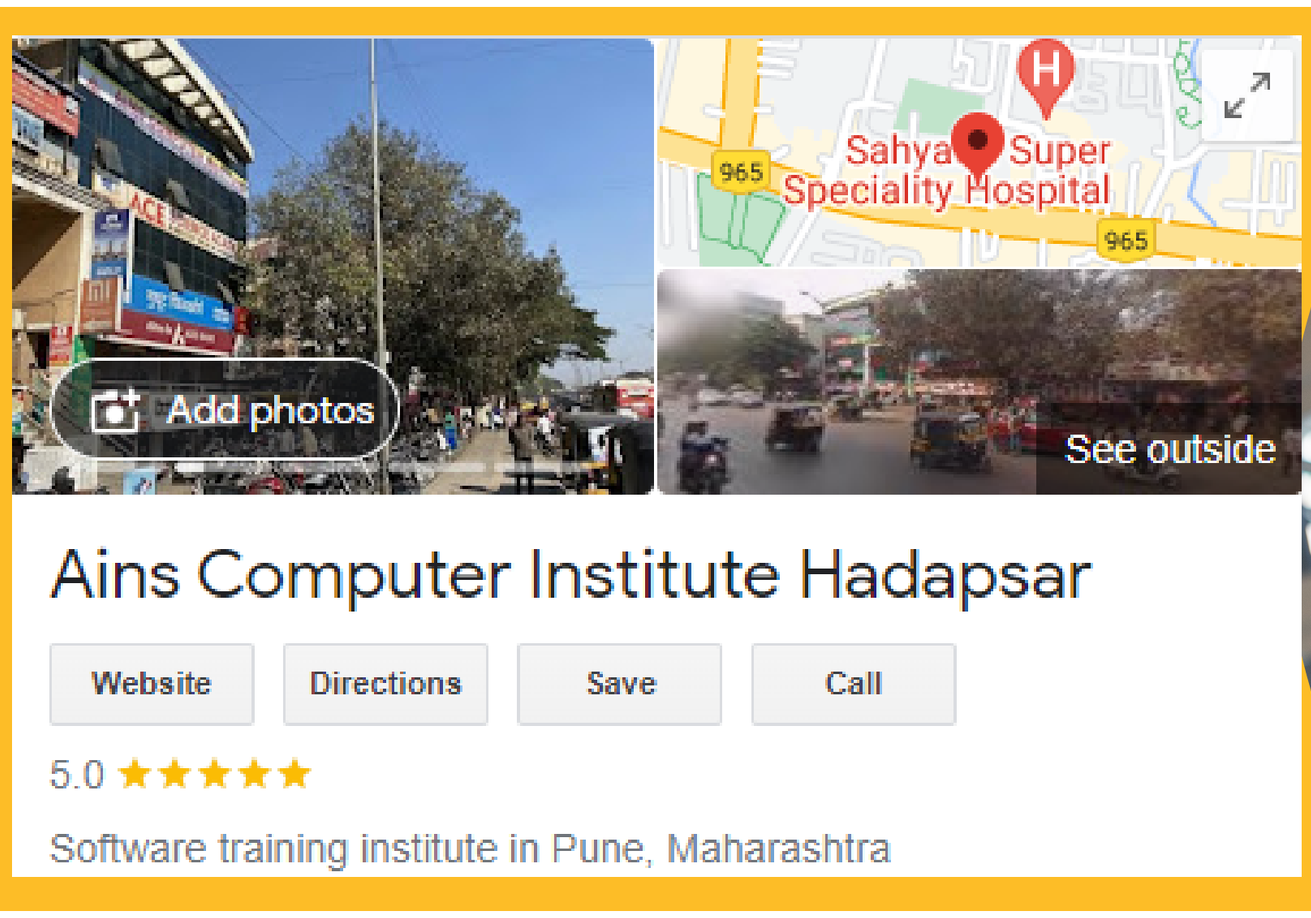
ainscomputerinstitute.com

FULL STACK MVC?

The MVC Full Stack course offers a comprehensive journey through the Model-View-Controller (MVC) architecture, equipping learners with the skills needed to develop robust, scalable web applications. Participants delve into both frontend and backend development, mastering essential technologies like HTML, CSS, JavaScript, and various frameworks such as React or Angular for the frontend, while exploring backend technologies like Node.js, Express.js, and databases like MongoDB or SQL. By the end of the course, students gain the proficiency to design, build, and deploy fully functional MVC applications, ready to tackle real-world development challenges.

WHY AiNS?

"AiNS Computer Institute stands out as the premier choice for Full Stack MVC courses due to its commitment to excellence in education and unparalleled faculty expertise. With a curriculum designed to impart both theoretical knowledge and practical skills, students receive a comprehensive understanding of MVC development. The faculty members at AiNS are industry professionals with extensive experience in Full Stack development, ensuring that students learn from the best in the field. Through hands-on projects and personalized guidance, students graduate from AiNS equipped with the expertise needed to excel in the competitive world of web development."



BENEFITS at AiNS

1	**Expert Faculty**
2	**Industry-Relevant Curriculum**
3	**Career Guidance & Opportunities**
4	**Recognized ISO Certification**
5	**Real-World Data Analysis Projects**
6	**Access to Premium Tools and Datasets**
7	**Get Interview Ready & Resume Building**
8	**100% Job Assistance**

An ISO 9001 :2015 Certified

AiNS™

COMPUTER INSTITUTE

Office No.2, 3rd Floor, Aryan Centre, Solapur Road, Above Axis Bank, Opposite Vaibhav Theatre, Aru Nagar, Hadapsar, Pune-411028

Reg No-AiNS/2023-2024/H-001

Certificate of Completion

This Certificate is presented to SAMPLE for successfully completing

his/her course in SAMPLE by securing 99%

We wish him/her success in life.

(This percentage is based on student's Practical & Written examination)

ISO 9001:2015

KAB

IAF

Nasir Hassan Khan

Digitally signed by Nasir Hassan Khan
Date: 2024.03.16 16:08:40 +05'30'

AUTHORISED SIGNATORY
DIRECTOR

ains.hadapsar28@gmail.com
www.ainscomputerinstitute.com

OUR CERTIFICATION:

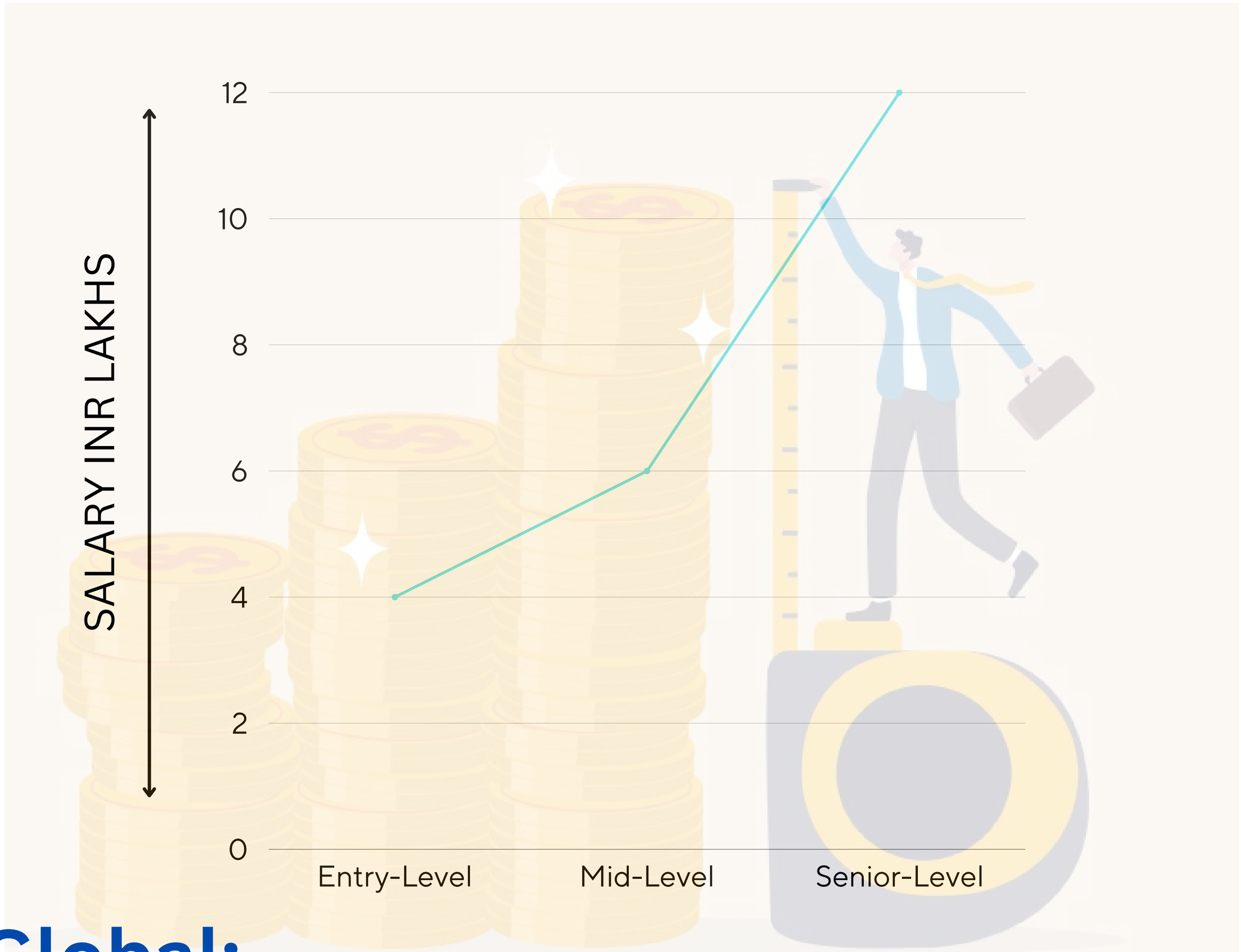
ISO course certification offers several advantages:

1. International Recognition: ISO certifications are globally recognized, demonstrating compliance with international standards and best practices.
2. Enhanced Credibility: Certification enhances the credibility and reputation of the organization, instilling confidence in customers, stakeholders, and partners.
3. Improved Efficiency: ISO standards often focus on improving processes, leading to increased efficiency, reduced waste, and cost savings.
4. Market Access: Certification can provide easier access to new markets, as many contracts and tenders require ISO certification as a prerequisite.
5. Risk Management: ISO standards help identify and mitigate risks, ensuring better management of potential threats to the organization.
6. Customer Satisfaction: Compliance with ISO standards often leads to higher customer satisfaction due to improved quality and consistency of products or services.
7. Competitive Advantage: Certification can give a competitive edge by demonstrating commitment to quality, safety, and environmental responsibility.
8. Legal Compliance: ISO standards often align with legal requirements, ensuring compliance and reducing the risk of penalties or legal issues.
9. Continuous Improvement: ISO certification encourages a culture of continuous improvement, leading to ongoing refinement of processes and performance.
10. Employee Morale: Employees often take pride in working for a certified organization, leading to increased morale and motivation.

DEMAND:

The demand for Full Stack MVC developers is substantial worldwide, driven by the growing reliance on web applications across industries. Companies seek professionals proficient in MVC frameworks for their ability to streamline development processes, enhance scalability, and maintain code organization. As businesses increasingly prioritize digital transformation, the need for skilled Full Stack MVC developers continues to rise. This demand spans various sectors, including technology, finance, healthcare, e-commerce, and more. With the versatility to work on both frontend and backend development, Full Stack MVC developers are invaluable assets in today's tech-driven landscape, making the skillset highly sought after globally.

SALARY IN INDIA:



Global:

- **Entry-Level: $60,000 to $90,000 per year.**
- **Mid-Level: $90,000 to $120,000 per year.**
- **Senior-Level:$120,000 to $150,000 per year.**

TOP COMPANIES HIRING :

SYLLABUS CONTENT:

- ASP.NET MVC
- HTML
- CSS
- JAVA SCRIPT
- JQUERY
- SQL

HTML Syllabus

1. What is HTML?
2. HTML Tags
3. HTML Basic
4. HTML Elements
5. HTML Attributes
6. HTML Text Formatting
7. HTML Fonts
8. HTML Styles - CSS
9. HTML Links
10. HTML Images
11. HTML Forms and Input
12. HTML Iframes
13. HTML 4.01 Quick List
14. HTML Advanced

-HTML Layouts
-HTML Doctypes
-HTML 4.01 Strict
-HTML 4.01 Transitional
-HTML 4.01 Frameset
-HTML Styles
-HTML head Elements
-HTML Meta
-HTML Scripts
-HTML Uniform Resource Locators-URL
-HTML URL Encoding

15.HTML Media
-HTML Multimedia
-HTML Audio Sounds
-The HTML Object Element
-HTML Videos
-HTML - YouTube Videos
-HTML 4.01 / XHTML 1.0 Reference
-HTML / XHTML Standard Event Attributes

CSS Syllabus

1. What is CSS?
2. CSS Syntax
3. CSS Comments
4. CSS Id and Class
5. Three Ways to Insert CSS
6. CSS Styling

-Background Color
-HSL Colors
-Background Image
-Background Image - Repeat Horizontally or Vertically
-Background Image - Set position and no-repeat
-Background Image - Set position and no-repeat
-Background - Shorthand property
-All CSS Background Properties

7. CSS Text
8. All CSS Text Properties
9. CSS Font
10. All CSS Font Properties
11. CSS font Property
12. CSS Links
13. CSS Lists
14. All CSS List Properties
15. CSS Tables
16. CSS Box Model
17. CSS Border
18. All CSS Border Properties
19. CSS Outlines
20. All CSS Outline Properties
21. CSS Margin
22. CSS Padding
23. All CSS Padding Properties

1. CSS Advanced

-CSS Dimension

-All CSS Dimension Properties

-CSS Display and Visibility

-CSS Positioning

-All CSS Positioning Properties

-All CSS Float Properties

-CSS Horizontal Align

2. CSS Pseudo-classes
3. All CSS Pseudo Classes/Elements
4. CSS Pseudo-elements
5. All CSS Pseudo Classes/Elements
6. Demo: Navigation Bar
7. CSS Image Opacity / Transparency
8. CSS Image Sprites
9. CSS Media Types
10. CSS Attribute Selectors

JavaScript Syllabus

1. What is JavaScript?
2. What Can JavaScript do?
3. JavaScript How To
4. JavaScript Where To
5. JavaScript Statements
6. JavaScript Variables
7. JavaScript Comparison and Logical Operators
8. JavaScript If...Else Statements
9. JavaScript Popup Boxes
10. JavaScript Functions
11. JavaScript For Loop
12. JavaScript Events
13. JavaScript Throw Statement
14. JavaScript Special Characters
15. JavaScript Guidelines
16. JS Objects

-JavaScript Objects Introduction
-JavaScript String Object
-JavaScript Date Object
-JavaScript Array Object
-JavaScript Boolean Object
-JavaScript Math Object
-JavaScript RegExp Object

17. JS Advanced

-JavaScript Browser Detection
-JavaScript Cookies
-JavaScript Timing Events

Jquery Syllabus

1. jQuery Introduction

-What is jQuery?

-Adding the jQuery Library to Your Pages

-Basic jQuery Example

-Alternatives to Downloading

-jQuery Syntax Examples

-jQuery Syntax

-The Document Ready Function

-jQuery Element Selectors

-jQuery Attribute Selectors

-jQuery CSS Selectors

-Some More Examples

2. jQuery Events

-Functions In a Separate File

-jQuery Name Conflicts

-jQuery Events

3. jQuery Effects

-jQuery Hide and Show

-jQuery Toggle

-jQuery Slide - slideDown, slideUp, slideToggle

-jQuery Fade - fadeIn, fadeOut, fadeTo

-jQuery Custom Animations

-jQuery Effects

4. jQuery Callback Functions
5. jQuery HTML Manipulation
6. jQuery AJAX

-- What is AJAX?

-AJAX and jQuery

-Let AJAX change this text

-Write Less, Do More

-Low Level AJAX

-jQuery AJAX Methods From This Page

7. jQuery Event Methods
8. jQuery Effect Methods
9. jQuery CSS Methods
10. jQuery AJAX Methods
11. jQuery Miscellaneous Methods

-jQuery Misc Methods

SQL Server Syllabus

1. SQL Basic
2. SQL SELECT Statement
3. SQL SELECT DISTINCT Statement
4. The WHERE Clause

-SQL BETWEEN Operator

-The LIKE Operator

-SQL Wildcards

-The IN Operator

5. SQL AND & OR Operators
6. The ORDER BY Keyword
7. SQL INSERT INTO Statement
8. The UPDATE Statement
9. The DELETE Statement
10. SQL Advanced

-The TOP Clause

-SQL Alias

-SQL Joins

-The SQL UNION Operator

-The SQL SELECT INTO Statement

-The CREATE DATABASE Statement

-The CREATE TABLE Statement

-SQL Constraints

-SQL FOREIGN KEY Constraint

-SQL CHECK Constraint

-SQL DEFAULT Constraint

-SQL CREATE INDEX Statement

-SQL DROP Statement

-SQL ALTER TABLE Statement

-SQL AUTO INCREMENT Field
-SQL Views
-SQL Date Functions
-SQL Server Date Functions
-SQL Date Data Types
-SQL NULL Values
-SQL Functions
-SQL Scalar functions
-SQL GROUP BY Statement
-SQL HAVING Clause

- ASP.NET MVC Syllabus

-Audience
-Prerequisites
-ASP.NET MVC - Overview
-ASP.NET MVC – Pattern
-ASP.NET MVC - Environment Setup
-ASP.NET MVC - Getting Started
-ASP.NET MVC - Life Cycle
-ASP.NET MVC – Routing
-ASP.NET MVC – Controllers
-ASP.NET MVC – Actions
-ASP.NET MVC - Filters
-ASP.NET MVC – Selectors
-ASP.NET MVC – Views
-ASP.NET MVC - Data Model
-ASP.NET MVC – Helpers
-ASP.NET MVC - Model Binding
-ASP.NET MVC – Databases
-ASP.NET MVC - Validation
-ASP.NET MVC - Security
-ASP.NET MVC - Caching
-ASP.NET MVC – Razor
-ASP.NET MVC - Data Annotations
-ASP.NET MVC - NuGet Package Management
-ASP.NET MVC - Web API
-ASP.NET MVC – Scaffolding (with Entity Framework)
-ASP.NET MVC - Bootstrap
-ASP.NET MVC - Unit Testing
-ASP.NET MVC – Deployment
-ASP.NET MVC - Self-hosting
-ASP.NET MVC – Labs (In Each Topics)

Others

1.Project Creations (Website creation) - Practical

-Deployment on local server (Or Cloud server)

-Any Support activity

-Review as per SDLC

2.Other knowledge and activity

-Provide Special Hand written notes and question papers

-Overall Support and Maintance of application knowledge

-Knowledge about industrial/Project standards and Guideline