TCA
TRAINING & DEVELOPMENT

we make industry ready
PROFESSIONALS

WEB DESIGNING & DEVELOPMENT PROSPECTUS

6 WEEKS
MONTHS 4

live Project Based Industrial Training
Under the Guidance of Real Software Developers

For B.TECH | M.TECH | BCA | MCA STUDENTS

MENTORTCA TECHNOLOGY PVT. LTD.

WEB DESIGNING & DEVELOPMENT

WEB DESIGNING

HTML

- Elements, Attributes, Headings
- Paragraphs, Formatting, Fonts
- Styles, Links, Images
- Tables, Lists, Forms
- Frames, Iframes, Colors
- Color Names, Values, Quick List
- Layout Doctypes, Head, Meta
- Scripts, Entities, URLs
- URL Encode, Media
- Audio, Object, Video

- HTML5 Introduction
- HTML5 New Elements
- Video/DOM, Audio
- HTML5 Drag and Drop
- Canvas vs SVG
- HTML5 Geolocation
- Web Storage, App Cache
- HTML5 Web Workers
- SSE, Tags

CSS3

- Intro, Syntax, Id, Class, Styling
- Background, Text, Fonts
- Links, Lists, Tables
- Box Model, Border
- Outline, Margin
- Padding, Advanced
- Grouping, Dimension
- Display, Align , Navigation Bar
- Image Gallery, Opacity
- Image Sprites
- Media Types, Hacking

PHOTOSHOP

- Intro, Toolbox,
- Working with images
- Resizing and Cropping Images
- Basic Selections Layers
- Painting, Photo Retouching
- Color Correction, Pen Tools
- Quick Mask Mode, Special Effect

COREL DRAW

- Corel Workspace Intro
- Toolbox, using diff colors
- Drawing & Editing Objects
- Working with Templates
- Bitmap & Vector Effects
- Letter Head and Data Merge
- Three panel Brochure Design
- Slide Show Presentation

WEB DEVELOPMENT

JAVA SCRIPT

- Overview, Variables
- Data Types, Operators
- Functions, Objects, Array
- Boolean, Date, Math
- Conditional Statements
- Number, String, RegExp
- Global, Browser Objects
- Window, Navigator, Screen
- History, Core JS Objects
- JS Forms, Forms API
- JS Functions, JS Browser
- JS AJAX, JS JSON, Node
- NamedNodeMap, Document
- Attribute, Events, Elements, Anchor, Area
- Base, Body, Button, Form, Frame, IFrame
- Frame Set, Image, Input Button, Input
- CheckBox, Input File, Input Hidden
- Input Password, Input Radio, Input Reset
- Input Submit, Text, Link
- Meta, Object, Option, Select, Style, Table

jQUERY

- Syntax, Selectors, Events, Effects
- Callback, HTML, CSS, AJAX
- Examples, Quiz, Reference, Selectors
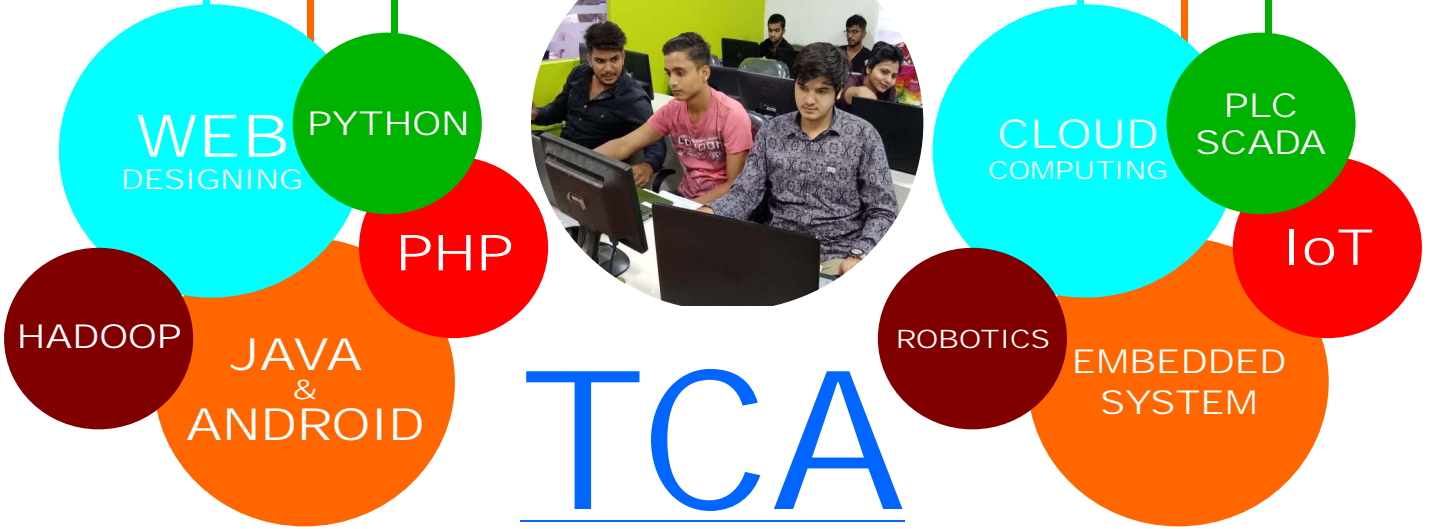- Events, Effects, HTML, CSS, AJAX, Misc

WEB APPLICATION DEVELOPMENT LIFECYCLE

Start

Requirement Process
- Project Analysis & Consultation
- Requirement Gathering
- Project Budget
- Cost and Acceptance

Planning Process
- Resource Planning
- Project Timeline Planning
- Functional Specification Documentation

Prototyping
- User Experience Design
- HTML
- Front-end
- UI/UX Testing

Development Process
- Back-end
- Source Code
- Database
- Third Party Integrations
- Deployment on Staging Server
- Unit Tests

Release & Evolution Process
- Change Requests
- Final Delivery
- Deployment on Live Server
- Client Training & Document share
- Maintenance & Support

WEB DEVELOPMENT

"Avail the Opportunity to Work on Live Projects" with

FREE DOMAIN & HOSTING

- Online Marketing
- Domain and Hosting
- Website Maintenance AMC
- Mobile App Development
- Web Development
- Web & Mobile Design
- Programming
- Online & Offline Software Development

PHP

- PHP Introduction
- Basics of PHP : Syntax, Quotes, Comments
- Special Character, Data Types, Precedence
- Symbols, Variables, Constants, Arrays
- Control flow Statements
- Working with Functions
- File Handling, IO Operations
- PHP Web Concepts
- Client/Server Communication
- Sessions, Cookies, Filters
- Error Handing, Exception Handling
- Database Basics, RDBMS, MySql
- DDL, DML, DCL, DQL Concepts
- PHP-XML Parser, Expat, DOM, Get
- PHP-AJAX Intro, AJAX XML, AJAX DB
- PHP Projects Development

WEB DESIGNING

PYTHON

PHP

HADOOP

JAVA & ANDROID

TCA
TRAINING & DEVELOPMENT

CLOUD COMPUTING

PLC SCADA

IoT

ROBOTICS

EMBEDDED SYSTEM

C & C++ PROGRAMMING	**Java**	**python**	Microsoft **N.NET**	**ANDROID**
ANGULARJS	**node** JS	**React JS**	**Mean Stack**	**spring BOOT**
WEB DESIGNING	**php**	**hadoop**	**Digital Marketing**	**ORACLE**
aws	**Azure**	**DevOps**	**agile**	**Scrum**
IoT INTERNET OF THINGS	**PLC SCADA**	**EMBEDDED SYSTEM**	**Robotics**	**R P A** UiPath AUTOMATION ANYWHERE
CAD	**CAM**	**CAE**	**AUTOCAD**	**REVIT**

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