

- **Module – I [HTML]**
 - HTML Basics
 - Introduction to HTML 5.0
 - HTML New Elements
 - HTML Canvas
 - HTML SVG
 - HTML Drag/Drop
 - HTML Geolocation
 - HTML Video
 - HTML Audio
 - HTML Input Types
 - HTML Form Elements
 - HTML Semantic
 - HTML Web Storage
 - HTML App Cache
 - HTML Web Workers
 - HTML SSE
 - HTML Media
 - HTML Multimedia
 - HTML – MathML
- **Module – II [CSS]**
 - Introduction to CSS 1.0 and 2.0
 - Introduction to CSS 3.0
 - Borders and CSS3 Backgrounds
 - CSS3 Text Effects and Fonts
 - CSS3 2D & 3D Transforms
 - CSS3 Transitions & Animations
 - CSS3 Multiple Columns
 - CSS3 User Interface
- **Module – III [Java Script]**
 - JavaScript Basics
 - JavaScript Objects
 - Browser Object Model
 - Document Object Model
 - Advance JavaScript
- **Module – IV [AJAX]**
 - Overview
 - Rich Internet Application Technology
 - AJAX is Based on Open Standards
 - Technologies Used In AJAX
 - JavaScript, DOM, CSS
 - XMLHttpRequest
 - Examples
 - Google Maps, Google Suggest
 - Gmail, Yahoo Maps (new)
 - Difference between AJAX and Conventional CGI Program
 - Browser Support
 - Writing Browser Specific Code
 - AJAX In Action
 - Steps of AJAX Operation
 - A Client Event Occurs
 - The XMLHttpRequest Object is Created
 - The XMLHttpRequest Object is Configured
 - Making Asynchronous Request to the Webserver
 - Webserver Returns the Result Containing XML Document
 - Callback Function processRequest() is Called
 - The HTML DOM is Updated
 - XMLHTTPREQUEST
 - XMLHttpRequest Methods
 - XMLHttpRequest Properties
 - Database Operations
 - Client Side HTML File
 - Server Side PHP File
 - Security
 - AJAX Security: Server Side
 - AJAX Security: Client Side
 - Current Issues
- **Module – V [Advance PHP]**
 - **Introduction to CodeIgniter**
 - What is CodeIgniter, Requirements, Basic Installation
 - Introduction to MVC structure
 - OOPs programming in CodeIgniter
 - Application set up with CodeIgniter
 - Understand view model and controller
 - Interaction with database
 - Implementing with ajax (with jquery)



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- Helpers , Libraries in Codeigniter
- Validating the users
- Project Implementation in CodeIgniter
- Beginning with CakePHP
 - What is CakePHP, Understanding Model-View-Controller
 - Basic Principles of CakePHP
 - CakePHP Structure,
 - A Typical CakePHP Request
 - CakePHP Folder Structure
 - CakePHP Conventions
 - File and Classname Conventions
 - Model and Database Conventions
 - Controller Conventions
 - View Conventions
 - Developing with CakePHP
 - Installation, Configuration,
 - Controllers, Components
 - Models, Behaviors
 - DataSources, Views
 - Helpers, Scaffolding
 - Global Constants and Functions
 - Vendor Packages
 - Data Validations, Pagination
- Introduction to Core Components & Helpers
 - Creating the Application
 - Database,
 - Cake Database Configuration
 - Create a Model
 - Create a Controller
 - Creating Views Data Validation
 - Deleting or Editing etc...
- **Module – VI [PHP Template Engine]**
 - SMARTY
 - What is Smarty?
 - What is template compilation?
 - Features of Smarty template engine.
 - Steps to use Smarty.
 - What is Smarty Class, Object?
 - Smarty Variable
 - Smarty Operators
 - Smarty Control Structures
- MVC using Smarty Common class
- **Module – VII [CMS]**
 - Installation of Wordpress
 - Installing WordPress on a Dedicated Server
 - Understanding wp-config.php
 - Understanding the database structure
 - Understanding Directory Permissions
 - Basics of the WordPress User Interface
 - Understanding the WordPress Dashboard
 - Pages, Tags, Media and Content Administration
 - Core WordPress Settings
 - Finding and Using WordPress Plugins
 - Finding and Installing Plugins Quickly and Easily
 - Upgrading WordPress Plugins
 - Recommended WordPress Plugins
 - Working in widgets
 - Installing widgets
 - Creating your own Widget
 - Working with WordPress Themes
 - Understanding the Structure of WordPress Themes
 - Finding Themes and Choosing the Right One
 - Installing and Configuring Themes
 - Editing and Customizing Themes
 - WordPress Content Management
 - Understanding Posts Versus Pages
 - Organizing Posts with Categories
 - Connecting Posts Together with Tags
 - Managing Menus
 - Creating a website with all features
 - Developing a ecommerce websites in wordpress
- **Module – VIII [E-comm CMS]**



- Magento Basics
 - Overview, Installation
 - Architecture
- Store Setup
 - Product Overview
 - Set Up Languages
 - Set Up Contact
 - Set Up Categories
 - Set Up Products
 - Set Up Inventory
 - Set Up Taxes
 - Set Up Shipping Rates
 - Set Up Payment Plans,
 - Set Up Payment Gateway
 - Set Up Payment Methods
 - Set Up Currencies
 - Set Up Checkout Options
 - Set Up Paypal Payment
 - Set Up Google Checkout
 - Set Up Store Live
- Order Processing
 - Orders Life Cycle
 - Set Up Order Options
 - Set Up Order E-Mails
 - Create Orders
 - Manage Orders
- System Setup
 - Set Up Customers
 - Set Up Google Analytics
 - Set Up URL's
 - Set Up Youtube Video
 - Set Up Facebook Likes
 - Set Up Translation
 - Set Up System Theme
 - Set Up Page Title
 - Set Up Page Layout
 - Set Up New Pages
 - Set Up CMS
 - Set Up Newsletter
- Optimization
 - Site Optimization
 - Profiling
 - Database Performance
 - Search Engine Optimization



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