

Technology Certified Web Designer (1 Year Certification Diploma Program)

After many years of excellence since 2010, now EH1 Infotech™ has decided to introduce an exceptionally developed training model in the nation for the first time. For those individuals who want to have an opportunity to join the Pioneer IT industry.

Why is the need to join our Skill Based Course?

After devoting 15 important years of your life in school, 3-4 years in graduation and 2-3 years after post graduation. Still 75% of our youth is unemployed because our school or college education does not develop adequate skills for employability.

EH1 Infotech™ follows the exceptional way for training students. Where our focus is to:

- *Educate students for livelihood*
- *Enhancing their professional skills*
- *Assuring employability*
- *Catalyzing skill based education in response to IT industry demand*
- *Upscaling and expanding social/economic mobility*
- *Flexible and progressive learning scheme*

We have launched this model of training with an aim to reach:

- Students attending Regular Degree Program of any college/university
- Students attending Distance Learning Program of any college/university
- Students those who are college drop outs
- Students those who has backlogs in their degree
- Students those were not able to join higher studies due to some family issues

Our initiative is to make every student skilled and industry ready to make a bright future for employment in IT Industry.

Technology Certified Web Designer Content Highlights:

HTML	HTML5	Dreamweaver	CSS3	JavaScript
jQuery	Responsive Web Design	Bootstrap	Adobe Photoshop	Ethical Hacking
CorelDraw	Illustrator	InDesign	Flash	Backstretch
Parallax Web Designing	Web Hosting	SEO, SMM	PHP CMS (WordPress & Joomla)	PHP CMS (Drupal & Magento)

Main attraction of 1 Year Technology Certified Web Designer Diploma Program:

- One to one discussions with your trainer before joining any class
- Get a chance to learn from Award Winning Training Company
- Real Live Projects from clients like from USA, UK, CANADA, AUSTRALIA and INDIA
- 6 Months Industrial Training Project Work at our Development Unit (Technology Certified™)
- Additional four certificates from EH1 Infotech with 1 Year Diploma Certificate (EH1 Infotech is an ISO 9001:2008 Certified Organisation)
- Additional four certificates with 1 Year Diploma Certificate
- Pay your fees in easy installments
- Video tutorial to each lecture
- Classrooms and Labs equipped with Plasma Screens & LCDs
- 100% Placement Assistance
- Free Ethical Hacking course

Certificates you will be awarded with:

- Technology Certified Web Designer (1 Year Certification Diploma)
- EH1 Infotech™ Certified CMS Expert
- EH1 Infotech™ Technology Certified SEO Expert
- EH1 Infotech™ Certified Ethical Hacker
- 6 Months IT experience letter will be provided to you from Technology Certified™ (Development unit of Baghla Technologies Pvt. Ltd.)

Content of Skill Based 1 Year Technology Certified Web Designer

Module 1: Web Designing Strategies

- Website Design Engineering
- UML (Unified Modeling Language)
- Object Oriented Analysis and Design
- SRS (Software Requirements Specification)
- Brief concept of Software Life Cycle Models
- Web Designing Tools & Techniques
- Design Quality Assurance
- Project Management
- Risk Analysis and Management
- Case Study

Module 2: HTML (Hyper-Text Markup Language)

- HTML Introduction
- HTML Editors
- HTML Basic
- HTML Elements
- HTML Attributes
- HTML Headings
- HTML Paragraphs
- HTML Styles
- HTML Formatting
- HTML Quotations
- HTML Computer code
- HTML Comments
- HTML CSS
- HTML Links
- HTML Images
- HTML Tables
- HTML Lists
- HTML Blocks
- HTML Classes
- HTML Layout
- HTML Iframes
- HTML Color Names
- HTML Color Values
- HTML Head
- HTML Entities
- HTML Symbols

- HTML Charset
- HTML URL Encode
- HTML XHTML
- HTML Forms
- HTML Form Elements
- HTML Input Types
- HTML Input Attributes

Module 3: CSS (Cascading Style Sheets)

- CSS Introduction
- CSS Syntax
- CSS Selectors
- CSS How To
- CSS Backgrounds
- CSS Text
- CSS Fonts
- CSS Links
- CSS Lists
- CSS Tables
- CSS Box Model
- CSS Border
- CSS Outline
- CSS Margin
- CSS Padding
- CSS Dimension
- CSS Display
- CSS Positioning
- CSS Floating
- CSS Align
- CSS Combinators
- CSS Pseudo-class
- CSS Pseudo-element
- CSS Navigation Bar
- CSS Image Gallery
- CSS Image Opacity
- CSS Image Sprites
- CSS Media Types
- CSS Attr Selectors

Module 4: Web Development Tools

- Introduction to Adobe Dreamweaver CS5
- Dreamweaver Interface Basics
- Type of Views

- Defining a Dreamweaver Site
- Benefits of Using Dreamweaver Site
- Creating a Site for Static Project
- Creating a Site for PHP Project
- Standard Tool Bar
- Multiple Browser Previews
- Anchor Links / Email Links / Named Anchors
- Insert Table
- Insert Div
- Inserting Images / Image Hot Spots
- Inserting Tables
- Text Tags
- Forms in Dreamweaver
- Input Tags
- Select Tag / List Tag / Opt Group
- Buttons (Submit and Reset)
- File Type / Encoding Type

Module 5: HTML5

- HTML5 Intro
- HTML5 Support
- HTML5 Elements
- HTML5 Semantics
- HTML5 Migration
- HTML5 Style Guide
- HTML5 Canvas
- HTML5 SVG
- HTML5 Media
- HTML5 Video
- HTML5 Audio
- HTML5 Plug-ins
- HTML5 YouTube
- HTML5 Geolocation
- HTML5 Drag/Drop

Module 6: CSS3

- CSS3 Introduction
- CSS3 Borders
- CSS3 Backgrounds
- CSS3 Gradients
- CSS3 Text Effects
- CSS3 Fonts
- CSS3 2D Transforms
- CSS3 3D Transforms

- CSS3 Transitions
- CSS3 Animations
- CSS3 Multiple Columns
- CSS3 User Interface

Module 6: JavaScript

- Introduction to Java Script
- Java Script Variable
- Statement
- Operator
- Function
- Alerts
- Array
- Form Validation
- Java script Event
- Java script Date function
- GetElementById

Module 7: jQuery

- Why use jQuery?
- jQuery Effects
- jQuery HTML
- jQuery Traversing

Module 7: Responsive Web Designing

- Introduction to RWD
- Website Navigation
- Responsive Resume
- Responsive Videos
- The Grid System
- RWD Visual Guide
- Fluid Grids
- Fluid Images
- Scalable Navigation Patterns
- CSS3 Media Queries
- CSS Effects
- Adaptive Layouts
- Elastic Videos
- Hiding And Revealing Portions
- Horizontal Layout
- Flexible Slide-To-Top Accordion
- Responsive Data Tables
- Parallax Effect
- Thumbnail Gallery

Module 8: Bootstrap

- BS Grid Basic
- BS Typography
- BS Tables
- BS Images
- BS Jumbotron
- BS Buttons
- BS Button Groups
- BS Glyphicons
- BS Progress Bars
- BS Pagination
- BS Pager
- BS List Groups
- BS Forms
- BS Inputs
- BS Inputs 2
- BS Input Sizing
- BS Carousel
- BS Grid System
- BS Stacked/Horizontal
- BS Grid Small
- BS Grid Medium
- BS Grid Large
- Case Container
- Case Jumbotron
- Case Button/Icon
- Case Multicolumn
- Case Menu
- Case Navigation Bar
- CSS Typography
- CSS Buttons
- CSS Forms
- CSS Helpers
- CSS Images
- CSS Tables
- Glyphicons
- Dropdowns
- Navs
- JS Collapse

Module 9: Adobe Photoshop

- Introduction of Stock Photography
- Types of Image Graphics
- Vector Graphics and Tools

- Scalar Graphics and Tools
- Introduction to Adobe Photoshop
- Interface Tour of Photoshop and Palettes
- Color Modes and Resolution Options
- File Types in Photoshop
- Move Tool
- Marque Tools
- Lasso Tools
- Quick Selection / Magic Wand
- Crop / Slicing Tool
- Image Manipulation Tools
- Brushes
- Patterns
- Gradients
- Pen Tool / Shape Tool
- Text Tool
- Working with Layers, Groups and Smart Objects
- Image Adjustments
- Layer Masking, Layer Clipping
- Using Blending Options
- View Menu / Window Menu
- Filter Effects
- Animation using Photoshop
- Design Banners for Website
- PSD to HTML Slicing

Module 10: Designing Web Templates with Photoshop

- Image Editing / Reflection/ Image Shadows
- Designing Menu, Button, Header, Footer, Images & Content Sections
- Designing a Web Site Home Page
- Designing Inner page, Product, Login & Registration Pages

Module 11: CMS Working Overview

- WordPress
- Joomla
- Drupal
- Magento

Module 12: CorelDraw

- Intro CorelDraw
- Smart Drawing
- Text on the Road

- Interactive Distortion Tool
- Graph Paper
- Ungrouping spraylist images
- Deleting background color
- Conical Fountain Fill
- 3D Perspective Effect
- Cracked Text Effect
- Working with the Interactive Drop Shadow Tool
- Working with the Interactive Blend Tool
- Making a document in Corel and exporting it as a PDF file
- Creating a Button
- Lens Effect
- Convert Text into Curves
- Interactive Blend Tool
- Creating Text
- Create Color Palette
- Creating Radial Fountain Fills
- Creating Custom Fountain Fills
- Loading External Bitmap Fills
- Outline Tool
- Page Layout
- Using Preset 2 Color Fills
- Exporting a File
- Grouping and Ungrouping Objects
- Edit a Bitmap Image
- Aligning Objects
- Changing Objects Order
- Copy Objects Properties

Module 13: Adobe Illustrator

- Getting to Know the Adobe Illustrator Workspace
- Using tools and panels
- Using the shape tools
- Repositioning and visually resizing the shapes
- Putting the Transform panel to work
- Adding Color
- Adding effects
- Using Live Paint
- Adding a symbol
- Using the Color panel
- Working with the Drawing Tools
- Understanding the Pen tool
- Drawing straight, curved and hinged lines
- Tracing Images
- Using the Line, Pencil and Eraser tools

- Editing existing paths
- Adding and removing points
- Cutting and joining paths
- Combining Shapes with the Shape Builder
- Using the Gradient panel
- Creating and using patterns
- Creating a bounding box
- Applying the Pattern

Module 14: Adobe InDesign

- Magazine Design
- Portfolio Design
- Creative CV Design
- Logo Design
- Brochure Design
- Creative Barcode Design
- Packaging Design
- Label Design
- Visiting Card Design
- Website Mockup Design
- Advertisement
- Poster
- Billboard Design

Module 15: Flash

- Intro
- Page Properties
- Tools
- Rectangle And Oval
- Text Tool
- Motion On Object
- Motion Guide
- Motion On Text Using Guide Layer
- Shape Tween
- Masking
- Masking Using Shape Tween
- Masking Between Text And Running Image
- Morphing Text
- Rollover On Image
- Rotate Text And Ease In And Ease Out
- Shining Text Mask Effect
- Slide Show
- Smoke Effect
- Spin Text Using Transform

- Text Color Change
- Text Masking
- Train Making
- Transition Effect
- Animated Button
- Blur Effect
- Blurry Effect On Text
- Brightness And Advance Setting
- Changing Opacity Using Mouse Over
- Drop Shadow
- Fade In N Fade Out
- Film Grain Effect
- Fog Effect
- Image Color Change
- Image In Frames
- Move Object On Run Time
- Text Game
- URL On Image
- Tooltip
- Scriptable Masking
- Rollover With Scripting
- Rotate Flower Using Button
- Moving Image Using Key Codes
- Mouse Hide And Show At Run Time
- Masking With Coding
- Adding Numbers
- Change Shape Using Movie Clip
- Digital Clock
- Color Panel
- Clock Making
- Save As Template
- Publish Preview

Module 16: Backstretch

Module 17: Parallax Web Designing

- A Brief Introduction
- The Markup & Structure
- Styling & Making It Work With CSS
- Browser Support & Property Info
- File Structure
- Parallax Scrolling Website
- Include and initiate Skrollr.js
- Background color animation
- Move background image horizontally

- Curtain effect
- Cross-fade to blur effect
- The anatomy of html and css
- Skrollr data attributes 101
- Absolute vs Relative
- Mastering Timing
- Pausing element
- Swapping Background Images
- Using Percentage Values
- Making it responsive
- Amir vs Floyd
- transitions and effects

Module 18: Web Hosting

- Host Intro
- Host Providers
- Host Domains
- Host Capacity
- Host Email
- Host Technologies
- Host Databases
- Host Types
- Host E-commerce
- FTP Server
- File Upload
- CPanel & Plesk Panel
- Create New User

Module 19: Basics of SEO

- What is Domain
- Basic Knowledge of World Wide Web
- Difference between Portal and Search Engines
- What is SEO
- Types of SEO Techniques
- Black hat techniques
- White Hat techniques
- How Search Engine works

Module 20: SEO Research & Analysis

- Market Research
- Keyword Research and Analysis
- Keyword opportunity
- Competitors Website Analysis

- SWOT Analysis of Website
- How to Choose Best Keywords
- Tools available for Keyword Research

Module 21: Website Design SEO Guidelines

- Content Research
- Content Guidelines
- Content Optimization
- Design & Layout
- XML Sitemap / URL List Sitemap

Module 22: On Page Optimization

- The Page Title
- Meta Descriptions & Meta Keywords
- Headings
- Bold Text Domain Names & Suggestions
- Canonical Tag
- Meta Tags
- Images and Alt Text
- Internal Link Building
- The Sitemap
- Invisible Text
- Server and Hosting Check
- Robots Meta Tag
- Doorway Pages
- 301 Redirects
- 404 Error
- Duplicate content

Module 23: Off Page Optimization

- Page Rank
- Link Popularity
- Link Building in Detail
- Directory Submission
- Social Bookmark Submission
- Blog Submission
- Articles
- Links Exchange
- Reciprocal Linking
- Posting to Forums
- Submission to Search Engine
- RSS Feeds Submissions
- Press Release Submissions

- Forum Link Building
- Competitor Link Analysis

Module 24: Analytics

- Google Analytics
- Installing Google Analytics
- How to Study Google Analytics
- Interpreting Bars & Figures
- How Google Analytics can Help SEO
- Advanced Reporting
- Webmaster Central & Bing / Yahoo
- Open Site Explorer
- Website Analysis using various SEO Tools available

Module 25: SEO Tools

- Keyword Density Analyzer Tools
- Google Tools
- Yahoo / Bing Tools
- Rich Snippet Text Tools
- Comparison Tools
- Link Popularity Tools
- Search Engines Tools
- Site Tools
- Miscellaneous Too

Module 26: SEO Reporting

- Google analysis
- Tracking and Reporting
- Reports Submission
- Securing Ranks

Module 27: SMM (Social Media Marketing)

Module 28: Ethical Hacking

Module 28-1: Introduction

- Introduction to Ethical Hacking
- Introduction to all Underground Ethical Hacking Community
- Cyber Laws In India & Abroad

Module 28-2: Practical Aspects of Networking

- Knowing the Basics of IP Address
- Knowing Remote System IP Address

- Hiding Your IP address (Proxy Server)
- Be Anonymous in Cyber World VPN and Proxy Servers
- VPN (Virtual Private Network)
- Tracing an IP Address

Module 28-3: Attack Scanning & Virtual Lab Preparation

- Network Reconnaissance
- Port Scanning, Daemon Banner Grabbing
- OS Detection & Firewall Enumeration
- Sniffing
- Making Virtual Lab using VMware or Oracle Virtual Box
- Active and Passive Information Gathering
- Configuring and Testing Your Network
- Live Firewall Implementation

Module 28-4: Ethical Hacking Windows

- Introduction
- Making USB Pendrive Bootable
- Ethical Hacking Window Administrative Password. (XP, Window 7, Window 8)
- Introduction to Backtrack/Kali Operating System
- Exploiting With Metasploit Framework 4.0
- Securing the Windows Account with SAM Lock Tool
- More on Securing Window Administrative Password

Module 28-5: Registry Ethical Hacking

Module 28-6: Email Ethical Hacking

- What is Email Ethical Hacking
- Tracing Email
- Email Forging
- How to Secure your Email Accounts

Module 28-7: Google Ethical Hacking

- Introduction to Google Ethical Hacking
- Using Google Dorks on Google Search Engine
- Demonstration of leaking of confidential information on vulnerable website
- Securing a website from Google Ethical Hacking

Module 28-8: Website Ethical Hacking Attacks & Security (Important Module)

- Introduction
- CMS Ethical Hacking Introduction
- 10+ Website Ethical Hacking Techniques (First Time Ever In World) & Countermeasures
- SQL Injection (Basic & Advance)
- Denial of Services Attack (DDOS Attack)
- OWASP

- Website Security

Module 28-9: Input Validation Attack

- Brute Force attack
- Other Input Validation Attack

Module 28-10: Important Theft Techniques

- Demonstration of E-Hacker Virus
- Keylogger, Spyware Software
- Trojan and Backdoors Attack
- Virus, Worm & Trojan
- Binders and Cryptors
- Spamming Attacks
- Session Hijacking
- Protocols Vulnerabilities and Exploiting through Sniffers
- USB Ethical Hacking Technique
- Implementing security against Important Theft Techniques

Module 28-11: Social Engineering Attack

- Ethical Hacking Anyone without even using a single tool
- Physical Security Threats

Module 28-12: Digital Forensics Science

- Recover data from the USB Pendrives , Hard Disk Drive - Police Forensic way

Module 28-13: Secure Socket Layer (SSL) Torn Apart

- Determining whether your connection is secure or not
- SSL: How it works

Handwritten Feedback's of students at <http://feedback.eh1infotech.com>

Job Alerts also provided at <http://www.facebook.com/eh1infotech>

Call: 0172-5098107, 09780265007

EH1 INFOTECH

(Venture of Baghla Technologies Pvt. Ltd.)