

# FRONT-END DEVELOPMENT LACTUREFLOW

## MODULE:-1 FOUNDATION

### **[1] How does the internet work?**

-> The internet is a worldwide network that transmit data to one place to another place like messenger. In google when we search something in search bar in google collect all data related search use of internet and show all data on display.

### **[2] DNS and How it work.**

-> **DNS:** (domain name system)

-> **Work of DNS:** DNS is a Translate human readable data(Ex. www.facebook.com) to machine related IP address(31.13.79.254). and provide output on display in human readable data.

### **[3] What is HTTP.**

-> **HTTP:**(Hypertext transfer protocol)

-> It is set of rules for transferring files such as text, images, videos, sounds and multimedia files and many more.... over the web page. A user open their web browser , there are also include in HTTP.

### **[4] Browsers and how they work?**

-> **Browser:** Browser is a software program.

-> **work of browser:** It is use to locate and display information on the internet Browsers are most often used to access web page.

**[5] What is domain name?**

-> In simple word it is a name of the website how in website name to finding easily. It's what come "www."in a web address and come after "@" in e-mail.

**[6] What is hosting?**

-> A web hosting is a generic term used to refer to a type of server that hosts website or related data, application and services.

## **MODULE:-2 FUNDAMENTAL OF IT**

### **[1] Careers in Web Technologies and Job Roles.**

-> **Carrera:** There are lots of opportunities in web technologies. it's a great opportunity for non IT person to change Carrera and build a great career in IT sector.

-> **Job role:** There are two different parts for website makers.

First is a [web designer](#) and second one is a [web developer](#).

If you are good in html ,css, JavaScript, HTML5,css3 so you are going to website designing. If you are a good in html,css,javascript, and react js, php etc... so you can build your Carrera in web development.

here there are two different parts of a developer front-end and back-end you are good in php,java,etc ..... so u go for back-end web development.

### **[2] Difference between Web Designer and Web Developer.**

-> **Web designer:** A web designer is a graphic artist who is responsible for designing the layout, usability, and visual appearance of a website.

-> **Web development:** A web developer is someone who builds and maintains the core structure of a website.

### **[3] What Is the Facebook Pixel.**

-> It is a one type of code we place in our website. It collect data who helps us to track conversation from Facebook ads, optimize ads, build targeted audiences for future ads and remarket to people who have already taken some kind of action on our website.

### **[4] How the Website Works.**

-> The work of the website collect all data about What you searching and browsing that data and show that all data in your mobile or computer screen.

## **[5] Client and Server Scripting Languages.**

-> **client language:** HTML, JavaScript, CSS, ReactJs are used to display the request. It is use in front-end side.

-> **Server Scripting Languages:** PHP, Python, Ruby, nodejs are some of the programming languages used at server-side. It is use in back-end side.

## **[6] Domains and Hosting.**

-> **Domain names:** It is a address that people types into browser address bar for find our website.

-> **Hosting :** Web hosting is the business of housing, serving, and maintaining files for one or more Web sites.

## **[7] Types of Websites (Static and Dynamic Websites).**

-> **static website:** A static website is one with stable content, where every user sees the exact same thing on each individual page

-> **Dynamic Website:** A website is one where content is pulled on-the-fly, allowing its content to change with the user.

## **[8] Web Standards and W3C recommendations.**

-> The World Wide Web Consortium (W3C) develops international Web standards: HTML , CSS , and many more. **W3C's Web standards are called W3C Recommendations** . All W3C standards are reviewed for accessibility support by the Accessible Platform Architectures (APA) Working Group.

## **[9] Responsive Web Designing.**

-> Responsive Web design is the approach that suggests that design and development should respond to the user's behavior and environment based on screen size, platform and orientation.

## **[10] Protocol .**

-> It is a set of rules that need to be followed by the communicating Parties in order to have successful and reliable data communication.

## **[11] Basics of SEO.**

-> The main objectives of the SCO are to

- (i) strengthen relations among member states,
- (ii) promote cooperation in political affairs, economics and trade, scientific-technical, cultural, and educational spheres as well as in energy, tourism, transportation, and environmental protection,
- (iii) safeguard regional peace, ...