

A Two Day Workshop on Building a static website

No of Students Attended: 65

Date: 19-06-2023 & 20-06-2023

Resource Person: Mr. G.Satyadeep, React Developer Codegnan IT Solutions Pvt Ltd, Vijayawada.

Description of the Programme:

Websites come in a variety of shapes and sizes, but one way they can differ is whether they're static or dynamic. A static website consists of a series of HTML files, each one representing a physical page of a website. On static sites, each page is a separate HTML file. They can have clickable links and buttons, images and video, CTAs, forms, digital downloads, and animations powered by CSS or JavaScript. With enough skill, you can even get a static website to look pretty nice. Static websites are fairly straightforward, and all websites were built this way during the early years of the World Wide Web.

So, it is necessary for students to learn how to build a static webpage. This workshop helps the students to develop webpages using html and build a static website using github. The resource person explained these things to the students in two days.

DAY-1

Mr. **G. Satyadeep** enlightened the students which focuses on a website - is a collection of web pages. Websites are typically dedicated to a particular topic or purpose, such as news, education, commerce, entertainment or social networking.

He said that the websites can be divided into two broad categories- static and interactive and then focused on the static websites. Static sites serve or capture information but do not allow engagement with the audience or users directly.

He explained "A static website is one that has Web pages stored on the server in the format that is sent to a client web browser. It is primarily coded in Hypertext Markup Language (HTML); Cascading Style Sheets (CSS) are used to control appearance beyond basic HTML". He also said Images are commonly used to create the desired appearance and is part of the main content. Audio or video might also be considered "static" content if it plays automatically or is generally non-interactive.

This type of website usually displays the same information to all visitors. Similar to handing out a printed brochure to customers or clients, a static website will generally provide consistent, standard information for an extended period of time. Although the website owner may make updates periodically, it is a manual process to edit the text, photos, and other content and may require basic website design skills and software. Simple forms or marketing examples of websites, such as a *classic website*, a *five-page website* or a *brochure website* are often static websites, because they present pre-defined, static information to the user. This may include information about a company and its products and services through text, photos, animations, audio/video, and navigation menus.

Speech by principal madam



DAY-2

The very next day he explained the common ways to create static website. He focused on creating a static website using **Hostinger Website Builder and uploading in GitHub**. While the steps may vary if you use another website builder, the overall process will be similar.

Here are the steps to create a static website-

Step 1: Get a Web Host + a Domain

All sites need a web host and a domain to become accessible online. With Hostinger's web builder, you won't have to purchase them separately as they are included for free. For other builder platforms, you may need to buy them separately, which takes longer to set up and is more expensive.

Step 2: Select a Website Template

After creating a new website with Hostinger Website Builder, you will be prompted to the template library. You can choose a ready-made website design or use a blank template.

To see how the template looks, hover over it and click **Preview**. Select a category or use the search bar to find the relevant template quickly, and click **Select Template** to confirm your selection.

Step 3: Customize Web Pages

Our website builder lets you customize various site elements, including text, colors, and buttons. You can simply drag and drop the elements to other areas to change the layout.

Step 4: Publish the Static Site

After finishing the design, click **Preview** on the top right of your editor screen. In the preview mode, try to use the website to identify any design or usability issues.

The website builder will automatically save changes, so you can directly publish your page. To do so, click **Publish website** next to the **Preview** button.

And here are the steps in uploading into github –

1. Create a new GitHub repository.
2. Clone the repository on your computer.
3. Create a static website.
4. Push your code to GitHub.
5. Open your repository settings.
6. Add a new page.
7. Update your website.
8. Wrapping up.

Presentation By Mr G. SATYADEEP

