"Project report on website for college (PS ACADEMY)"

Implemented as a part of As a part of 36Hrs. Build-A-Thon.

PS ACADEMY

Educating global citizens for a changing world!

Submitted by

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The aim of this was to create a responsive, mobile-first style website for an education institute **PS ACADMEY** because the use of mobile devices, like laptop ,smartphones and tablets, has grown in the recent years so much that almost everyone has some smart mobile device. This trend allows people to use the Internet nearly everywhere because there are comprehensive mobile networks and free Wi-Fi networks in public places. Hence, organizations need to keep up on trend and upgrade their websites working correctly on mobile devices so that their customers will get an enjoyable experience with their website on mobile devices and desktops.

The work started by introduction to wordpress and 3 days hands on training for understanding the development of website through wordpress. The next step was to create a demo website for web build a thon competition

After that I started designing a website layout, which should be user-friendly and easy to use by every mobile device and desktop. After creating a clear design, it was easy to code the front-end of the website layout.

1.1. Overview

To create a website for a leading educational institute PS ACADEMY. The sites show the various courses available in the PS ACADEMY, it highlights on the activities, events and competitions are organized by the PS ACADEMY.

1.2 Purpose

Nowadays everything is available online, so within one click people collect lots of information related to a particular things so everyone need to keep up to date and up to mark. As an educational institute the PS ACADEMY need to publish own publicity on online platform.

2. Literature Survey

2.1 Existing Problem

As we all know everything is available online so on a single click user can get lots of information about the particular thing. Still we have to make available things are simpler, precise and user friendly so users can easily understand and attract to words the product. To create simpler, precise and user friendly website we have use various tools which are available in the market. The Word press is most simple and popular tool to create such a website.

2.2 Proposed solution

The Wordpress is most popular tool to create simple, precise and user friendly website. To build the website by using bitnami wordpress very first step is to install wordpress on the machine and start development. The PS ACADMEY is the one of the leading institute in India, to popularize the institute among the target audience it is necessary to publish self-information on the online platform through user friendly website. As a result we have created the online website for the institute and published on GoDdday platform through which it is available online.
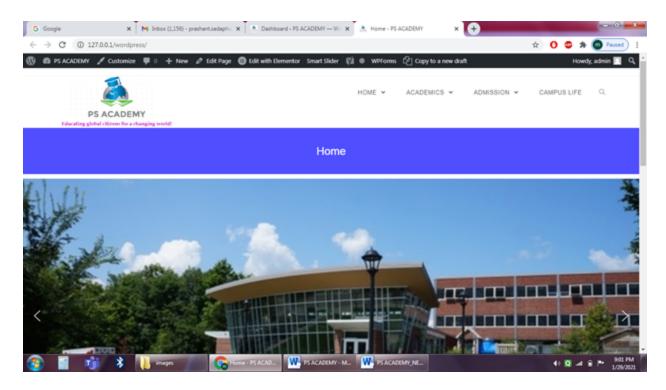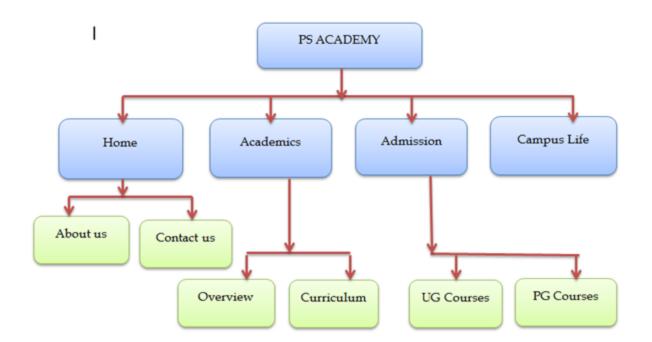
Fig 1: PS ACADEMY website Home page Screen Shot

3. Theoretical Analysis

3.1 Block Diagram

Fig2: Block Diagram

The above figure shows the block diagram of the PS ACADEMY website shows the various modules available in the site.

3.2 Hardware / Software designing

To create the website the bitnami wordpress software tools are used which is installed on the windows 64 bit machine. After the installation the plugins and themes and elementor are downloaded and installed in the wordpress. The Ocean WP theme is installed to develop the educational website, also made various settings into various menus, widgets etc.

After a successful installation of WordPress, it was time to implement the created design on the website. At first, it was needed a WordPress theme, which was set up on Oceanwp. Thankfully, thousands of themes are available on the worpress.org website. The most basic Oceanwp theme on available was downloaded because the style of the home page needed to be customized fully so that theme has a lot of options for customization.
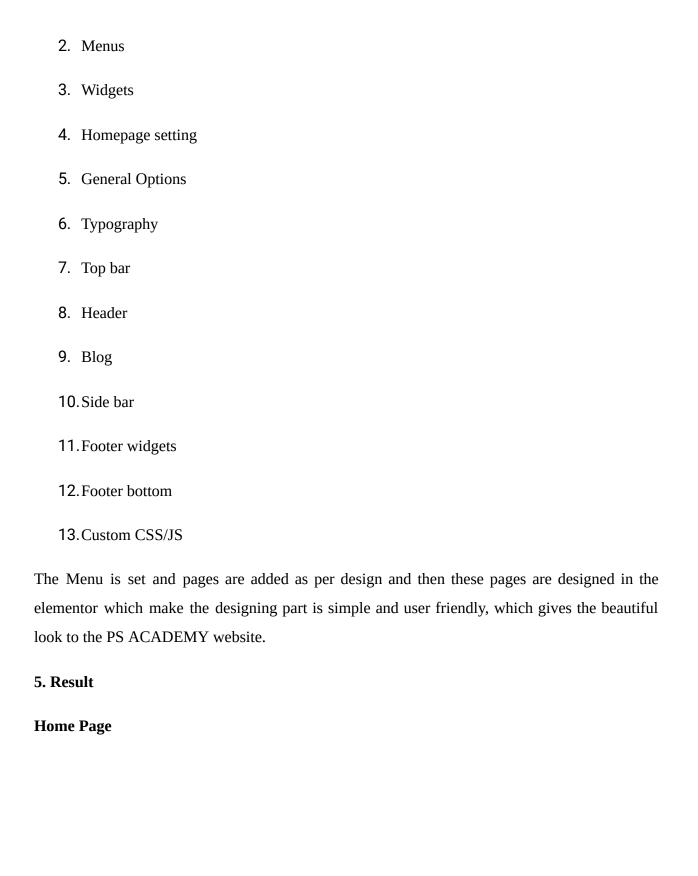
Instead of using template I preferred to edit my home page using elementor and adding designs manually by creating different sections. These help in customizing my design by my way as I want. and it gave me wonderful result my home page design was so beautiful.
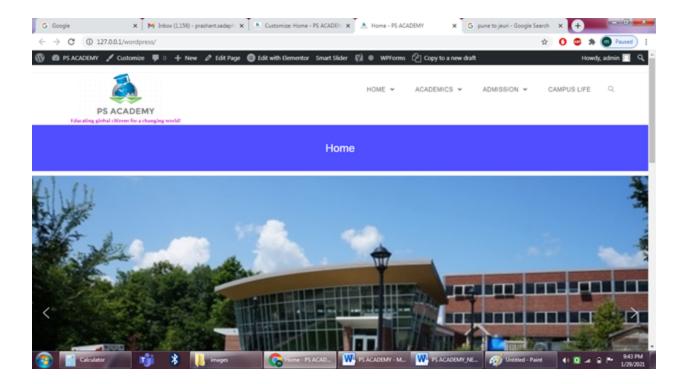
4. Experimental Investigation

For the development of website first installed th bitnami wordpress and windows machine and required plugins, themes and elementor are downloaded and installed in the wordpress as we have to configure it.
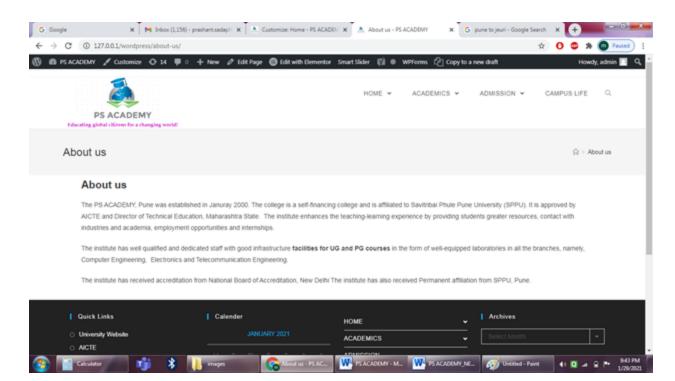
The ocean WP theme is selected to develop the educational website and configured following thing's in to it.
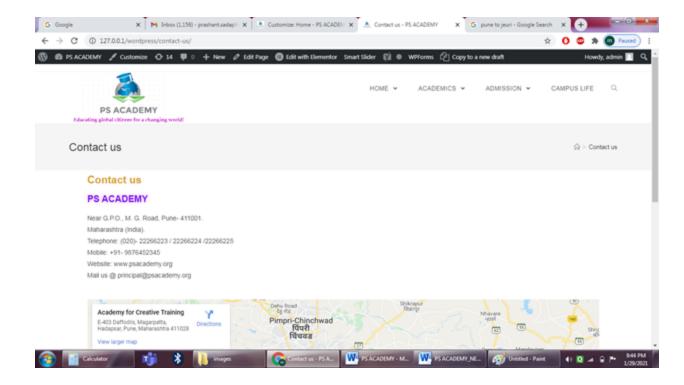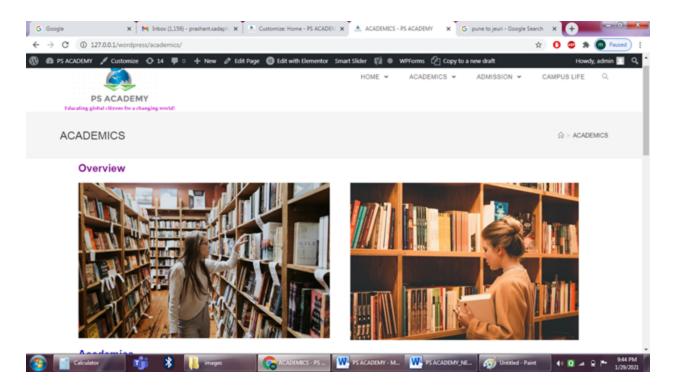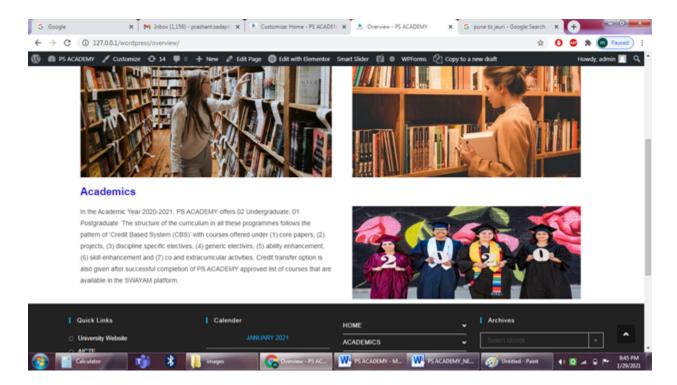
1. Site identity

2. Menus

3. Widgets

4. Homepage setting

5. General Options

6. Typography

7. Top bar

8. Header

9. Blog

10. Side bar

11. Footer widgets

12. Footer bottom

13. Custom CSS/JS

The Menu is set and pages are added as per design and then these pages are designed in the elementor which make the designing part is simple and user friendly, which gives the beautiful look to the PS ACADEMY website.

5. Result

Home Page

About us

Contact us

Academics

Overview
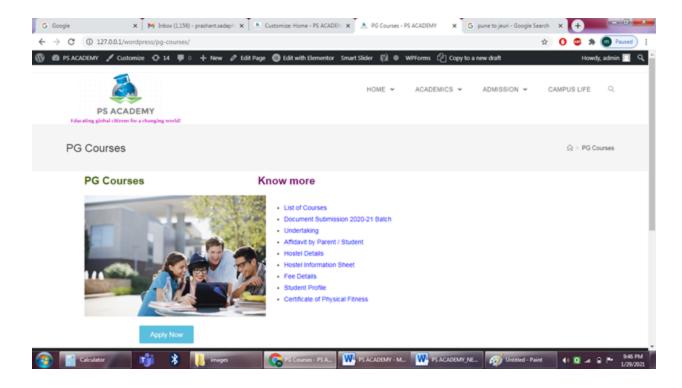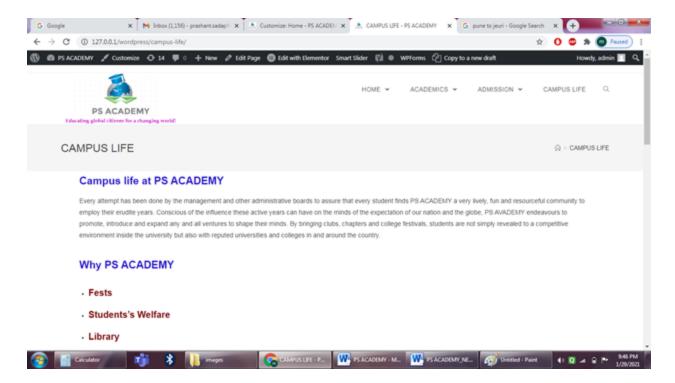

Curriculum

Admissions

UG courses
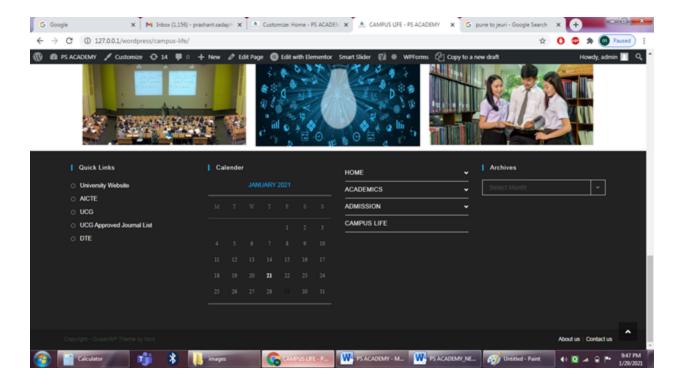
PG Courses

Campus Life

Footer

6. Advantage & Disadvantages

Advantages:

1. Build user friendly website

2. Easy availability of information

3. Multiple stakeholders easily got the information

Disadvantages:

1. Required availability of Internet

7. Applications

Educational website it is the online platform for the stakeholders through which they can get information related to the host institute one a single click. Online website platform can be used used in various fields such as some of them are listed below.

1. Retail and Wholesale

2. Finance

3. Manufacturing

4. Marketing

5. Auctioning

6. Online shopping

7. Web applications

8. Online pubishing

9. E-banking

8. Conclusions

When I started this, website development I only knew how to set up a website by WordPress and basic settings of website

But the hand on training help me to understand the wordpress due to that I was able to design my website according to my conditions..

I have learned a lot about layout design, especially how to create a complex website layout and still, it can be clear to use. I have also learned how to use colours in an efficient way on the website, and how to draw a user attention to some specific part of the website.

After that training it was our task to complete these website within 8 days.it was difficult for me to complete as I was beginner and there was load of college too but any how I managed to create a layout of my website and started designing . Finally I was completed with my work in given time

All in all, this project gave me a clear picture of how in the future I should structure and maintain

a website development, and how important the decided deadlines are. During this project, I have become a better website programmer and learned some design skills, which would be useful for future website projects.

8. Future Scope

As a future development we can add lots many thing in the developed website such as we have to integrate the online forms for student's registration, create ERP system for college documentation and embed with online website so every can access it because of that the uploading, availability and accessing the information becomes easy. Also we to create and integrate the online LMS system to the web portals so students can easily access their learning resources online it make access and analysis easier.