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

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

Submitted by

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1. Introduction

The aim of this was to create a responsive, mobile-first style website for an education institute **TANISHQ 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 TANISHQ ACADEMY. The sites show the various courses available in the TANISHQ ACADEMY, it highlights on the activities, events and competitions are organized by the TANISHQ 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 TANISHQ 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 bitnamiwordpress very first step is to install wordpress on the machine and start development. The TANISHQ 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.
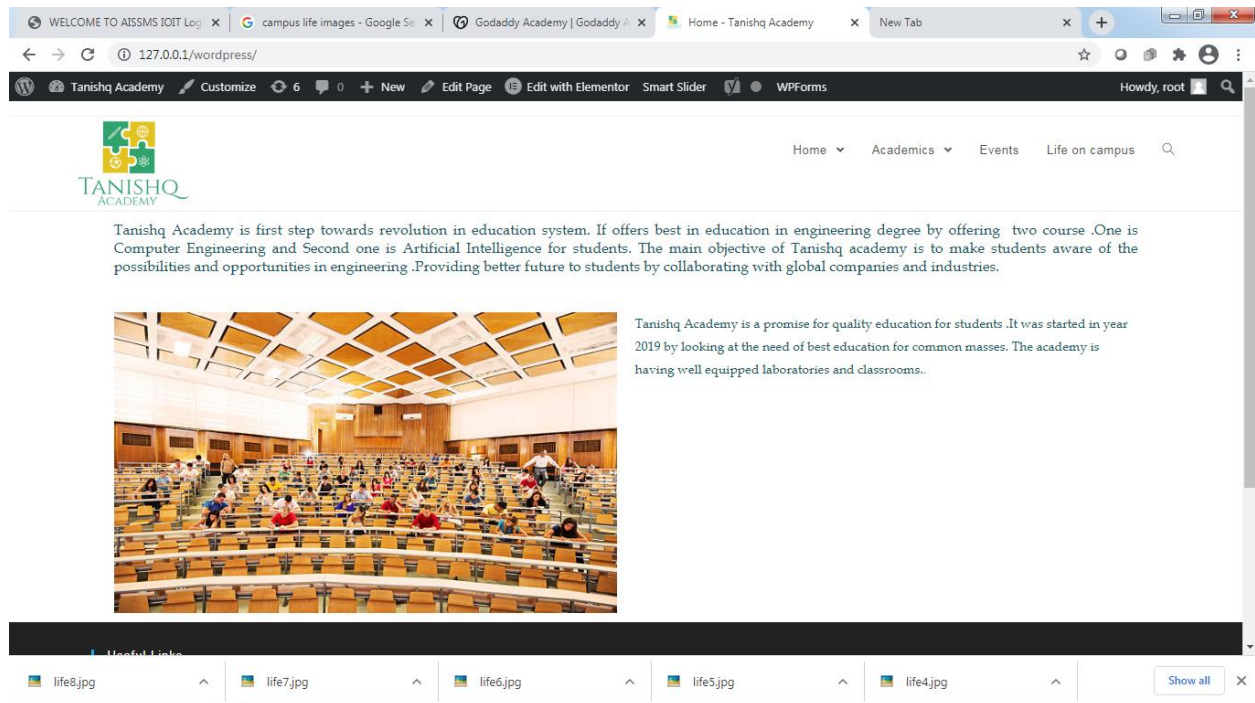
Fig 1: TANISHQ ACADEMY website Home page Screen Shot

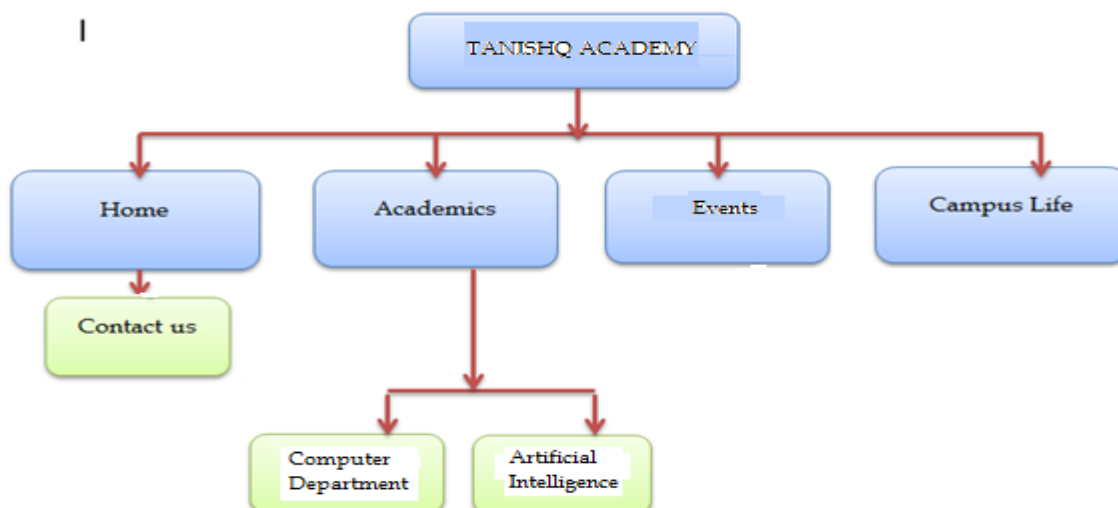## 3. Theoretical Analysis

3.1 Block Diagram

Fig2: Block Diagram

The above figure shows the block diagram of the TANISHQ 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 the 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 TANISHQ ACADEMY website.

5.Result

Home Page

Contact us

Academics

Home ▾   Academics ▾   Events   Life on campus

Department of Computer Engineering

We are indeed living in the computer age. Today computers are used in a wide range of applications. Whether it is a medical application or banking , computers are used to solve complex problems in an efficient manner in a short time. Since the ever-advancing field of computer technology has got a wide range of applications, computer engineers have a promising future..Computer engineering promises students to keep with this computer age with passion and knowledge of everything about Computers..

epartment of Artificial Intelligence

life8.jpg   ^   life7.jpg   ^   life6.jpg   ^   life5.jpg   ^   life4.jpg   ^   Show all   ✕

Department of Artificial Intelligence

The pivotal role of the technical education system in facilitating and expediting the process of economic and industrial development of the country is well recognized. Technical education is one of the most significant components of human resource development spectrum with great potential for adding value to products and services, for contributing to the national economy, and for improving the quality of the life of the people

Intake : 60 students

| Useful Links   ▲

life8.jpg   ^   life7.jpg   ^   life6.jpg   ^   life5.jpg   ^   life4.jpg   ^   Show all   ✕

Computer Engineering

The department of Computer Engineering is one of the most sought after departments in the college. It is well equipped with the latest infrastructure and laboratories.

The department regularly arranges seminars, guest lectures, and workshops by industry experts for students and staff. The department offers add-on courses to cope with the latest trends in technology. The institute has signed MOUs with leading IT industries such as Infosys, TCS, Microsoft, Amdocs, Accenture, Cognizant, Thought Works and National Entrepreneurship Network, to promote Industry-Institute interaction. The department has good interaction with these industries.

Department is Accreditated by National Board of Accreditation(NBA). **Programs Offered:**

  o **B.E.** (COMPUTER ENGINEERING)

B.E. (Computer Engineering) is a four year course of eight semesters, conducted and assessed by the Savitribai Phule Pune University. The Department of Computer Engineering has adequate facilities consisting of different well-equipped laboratories. The project work and seminar presentations by the students are based on latest aspects of the Computer Engineering.

Artificial Intelligence

Artificial Intelligence and Data Science is an interdisciplinary branch of science, engineering and technology creating a complete ecosystem and a paradigm shift in virtually every sector of the technical industry, academics and research. Artificial Intelligence and Data Science is the future of technology which are changing the world at very high pace. The basic objectives of this course is to train students with the next age of Intelligence and analytics generated by machines, influencing nearly every facet of our lives to help improve efficiencies and augment human capabilities, influencing consumer products with significant breakthroughs in healthcare, manufacturing, finance and retail industries.

With the tremendous amount of data generated every day and the computing power available, Data Science plays important role helping every business organisation in identifying business trends and changes through advanced Big Data Analytics with variety of techniques and tools to interpret and predict business results and future from multiple data sources through statistical analysis, data aggregation, and data mining. Artificial Intelligence and Data Science undergraduate engineering course has been started by the institute from the academic year July 2020 with the intake capacity of 60 seats.

| Useful Links

○ University Link
○ AICTE
○ UGC
○ List of UGC approved Journals
○ DTE

Events

Campus Life

6. Advantage & Disadvantages

Advantages:

1. Build user friendly website
2. Easy availability of information
3. Multiple stakeholders easily got the information

Disadvantages:

1. Require 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 publishing
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'sregistration, 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.