

Developing Educational Website using Wordpress for S-Academy

1.INTRODUCTION

1.1 Overview

Having a website become essential for all size of Educational Institutes to do their business in this competitive market. Companies are making a website for various reasons. A website allows the Educational Organizations to promote, advertise and market their business all over the world with an objective of providing excellent learning facilities to pursue education in Engineering. A website becomes the easiest way for any businesses to advertise their product and increase the product visibility to potential customers. In this project, a website was created for S-Academy to transfer the knowledge and Technology and making employability to the young engineers. Instructor will be able to maintain teacher and class pages, and even post daily homework assignments. Admin will be able to make announcements, maintain calendars, create photo albums, and even have a video streaming section. Not only are our school websites accessible and compatible with screen reader software, but also we provide comprehensive training to all staff in Educational community through ongoing live webinars.

1.2 Purpose

The purpose of this project to develop a website for S-Academy. A new website for S-Academy will allow them to use the website as a marketing tool to increase their product visibility. S-Academy is one of famous Education Institute located in Hyderabad. The aim is to promote Technical Education to enhance and build-up a new generation of thinkers, innovators and planners in the realms of Science and Technology.

2. LITERATURE SURVEY

Now-a-days, education is playing very significant role in the society. Day-by-day, the percentage of illiterates are decreasing and the percentage of literates is increasing. Education will change the society in all the aspects and everyone wants to study higher professional degrees.

Admissions are increasing day by day so there by. Ratio of establishment new colleges and schools are also increasing. A Learning Management System (LMS) can provide tremendous benefits both for the training department and for the organization in general. There are numerous choices for LMS providers, as well as functionalities, so an LMS implementation project can become quite confusing.

2.1 EXISTING SYSTEM

At present time Educational Institutes are running various programs as full time courses. The students who can study as full time students can facilitate from these education programs. The timings make it difficult to study for students who are doing some jobs or are unable to attend regular classes due to any other reason. Because of current economic crisis, most of the parents are unable to afford the expenditures of education so many students especially the ones belonging to lower or middle class have to do jobs. The online education program would help such students and students who are not allowed to attend Institutes because they live far away and do not have such educational institute in their area.

2.2 PROPOSED SYSTEM

It is an online system of S-Academy which is made for the purpose of educating students of rural areas. The In scope features of the system are:

- Online registration
- Log in
- Course evaluation (quizzes)
- Assignment submission
- Marks lists
- Uploading course content
- Online lectures
- Downloading course content
- Video conferencing

3 THEORITICAL ANALYSIS

The characteristics of website usabilities are described below:

- **Effectiveness:** A user should able to use the website without any complexity because the average web user does not understand the technical aspects of a website and they can quickly lose their interest if they get confused in so much information in one page. The designer should use an easy to understand and easy to use interface which will be more useful for all kind of user or customers to navigate the website.
- **Efficiency:** Efficiency of a website can be measured by the time and accuracy used to

perform a task requested by the user. Efficiency is a fundamental issue in any website design because, if a website is slow or if it takes too long times to open then the user might lose patience to stay on the same website. It could happen if a website has a vast amount of animation or graphic which leads to slow loading a page. Internet speed is not same in everywhere in the world. In an area where internet speed is slow, they will have difficulty in browsing a website which contains a massive amount of high definition picture or animation.

- **Satisfaction:** The user should find their satisfaction when they use a website. Satisfaction is the degree to which the user of a website is happy with user experience when using the website. As an example; A customer visits a website to get the information about a product he/she interested, the website should have all the information to satisfy that customer. Otherwise, the customer will not convince to purchase or lose interest about the website. A website is considered to be satisfactory to use when the user does not find any discomfort or negative attitude towards the use of the website.
- **Security:** A user should feel secure when they visit a website. When making a website for e-commerce, all the payment methods should be authenticated, and the user should feel safe to use those payment methods. The Internet is becoming less and less secure. A web designer should be conscientious about putting malicious links to the website.
- **Learnability:** Learnability is one of the central aspects of usability. Learnability is a quality component of usability means how easy it is for a user to complete tasks

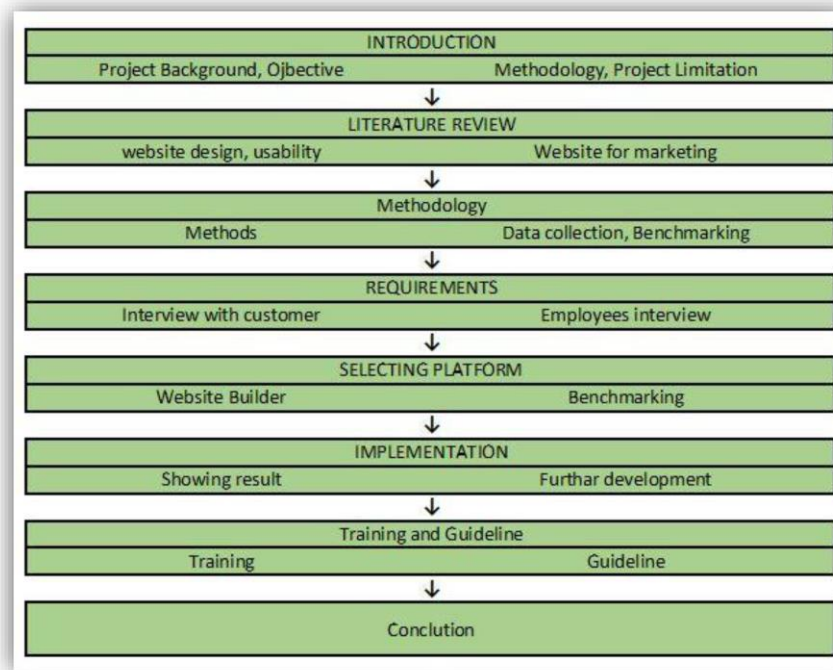
Browsing through the website should be easy to learn and understand. A website with a complicated navigation will always make difficulty for a user to use primary task such as log-in, or finding the product which they are looking for.

To make a website welcoming and engaging for the potential customers, above studies was necessary for this thesis to make the structure of the website for useful result.

The self-management features of the LMS, such as career paths and transcripts, can create upward mobility for the employee population as well as higher retention for the organization. Many LMS providers offer a “testing engine” which allows for all testing to occur online,

whether the employee attended class online or in a classroom. And some LMS providers even offer the ability for online course participants to collaborate virtually, another great way to engage learners and encourage them to network with their peers across the organization.

3.1 Block diagram



3.2 Hardware / Software designing

- PHP version 7.4 or greater.
- MySQL version 5.6 or greater OR MariaDB version 10.1 or greater.
- HTTPS support
- Disk Space: 1GB+
- Web Server: Apache or Nginx.
- Database: MySQL version 5.0. 15 or greater or any version of MariaDB.
- RAM: 512MB+
- PHP: Version 7.3 or greater.
- Processor: 1.0GHz+

4 EXPERIMENTAL INVESTIGATIONS

Designing the website is as important as the content and information of a website. A website should be created in a way that customers will find the information they need without any distractions. “The design and the content should reflect the target of the audience and the purpose of the site. Every customer who visits a website has different skills, ability, and thoughts. That is why a proper website design is essential for the best user experience. “Unless a web site meets the needs of the intended users it will not meet the needs of the organisation providing the website.

Website development should be user-centered, evaluating the evolving design against user requirements.

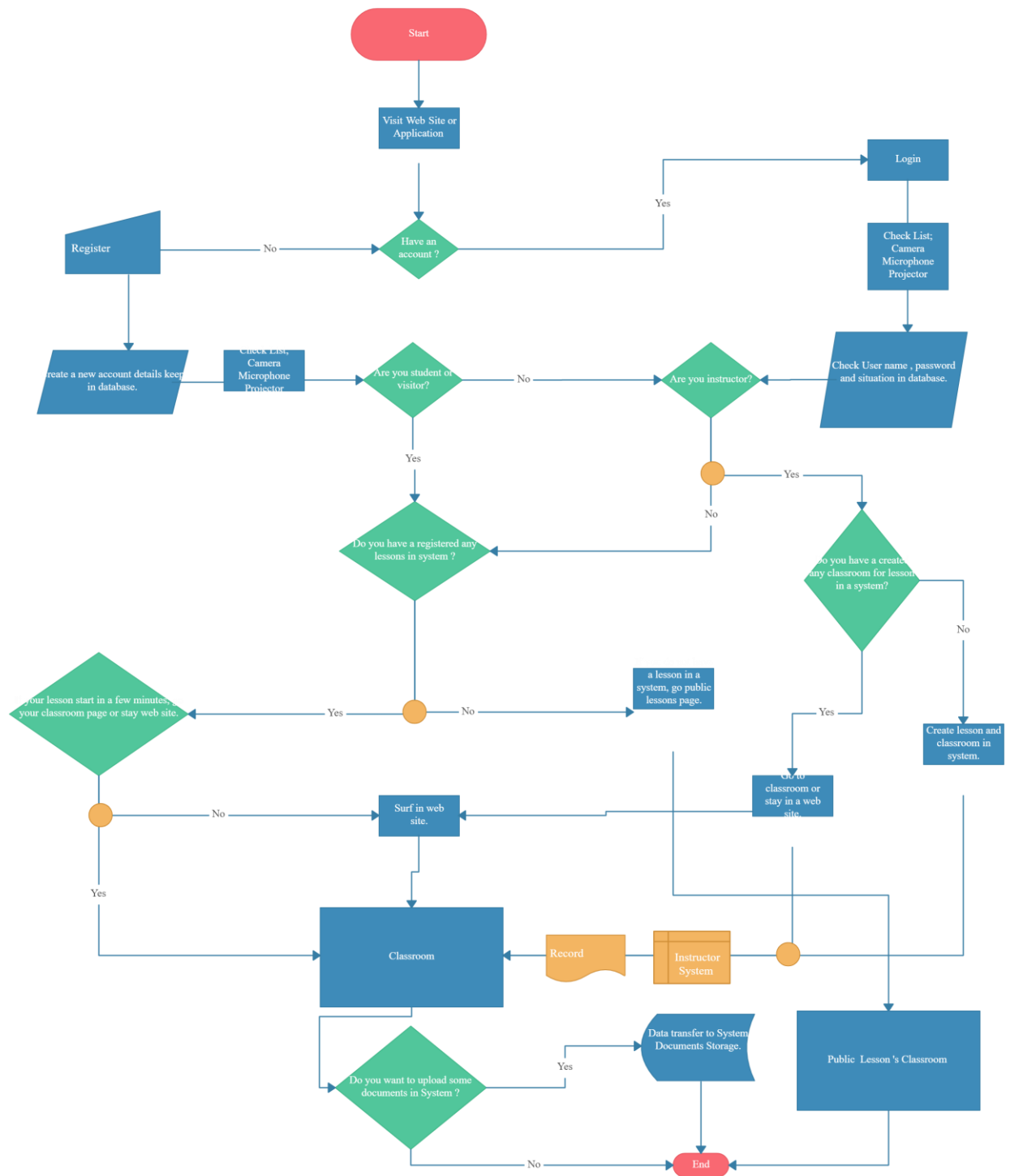
This user-centered web design suggested answering few questions before making the website design. Questions are as followed;

- Who are the essential users?
- What is their purpose for accessing the site?
- How frequently will they visit the site?
- What experience and expertise do they have?
- What nationality are they? Can they read English?
- What type of information are they looking for?
- How will they want to use the information: read it on the screen, print it or download it?
- What type of browsers will they use? How fast will their communication links be?
- How large a screen/window will they use, with how many colours?

By answering these questions will help a developer to make the necessary design of a website which will serve the purpose of a company or user perspective. However, there are two main standpoints from which most people determine whether a website design is “good” or “bad”. One is usability which focuses on functionality, effectiveness, proper presentation of information, efficiency. Another one is aesthetic perspective which is all about presentation, animation, and graphics. There are some websites which are full of animation and graphics, but those are not considered as a well-designed website because of functionality and effectiveness. Website visitors could get lost or confused because of too much animation and graphics.

The LMS content delivery system can deliver training to diverse populations in any Inter- or Intranet accessible location and can even serve as a knowledge repository for policies, procedures, and quick reference guides. The LMS can serve as an “educational counselor” for individual associates, keeping track of their career path and showing them what courses they need to complete in order to move to the next career level.

5 FLOWCHART

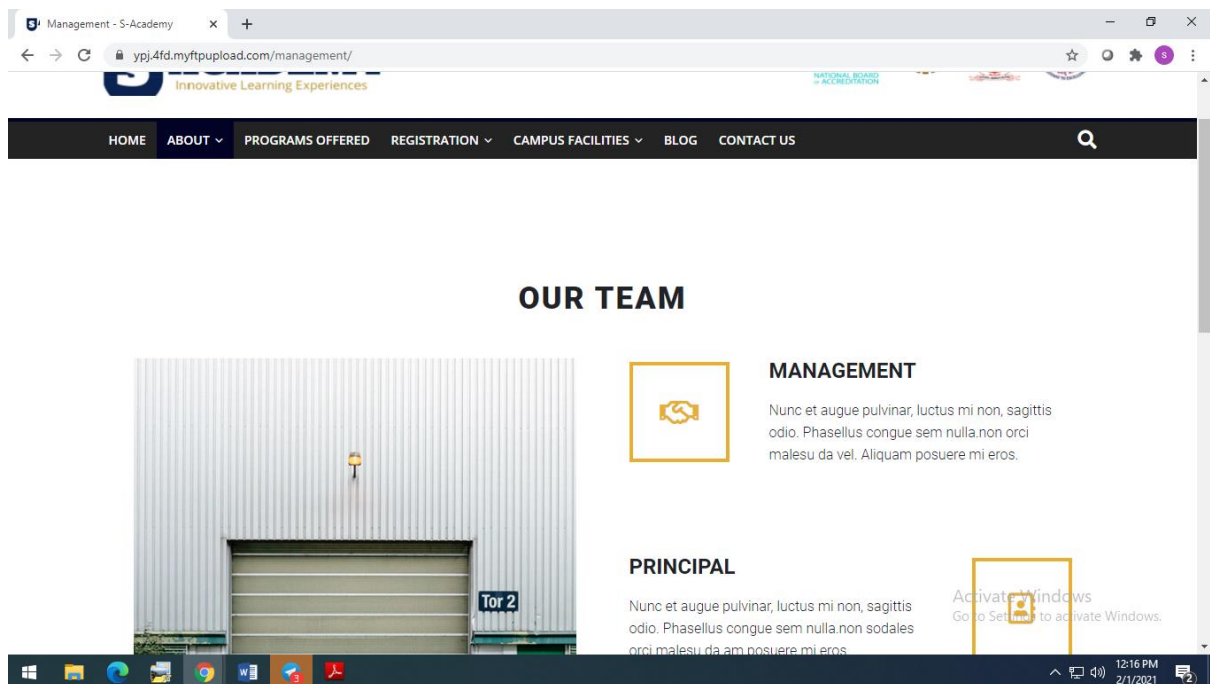


6 RESULT

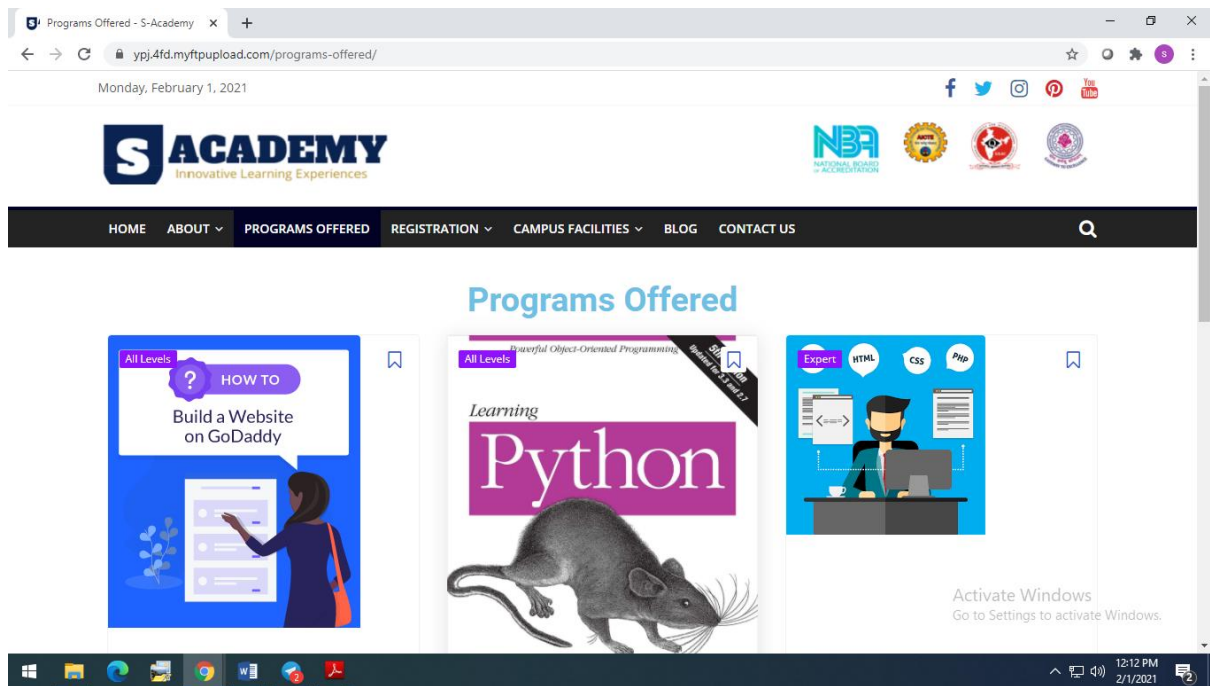
Home Page



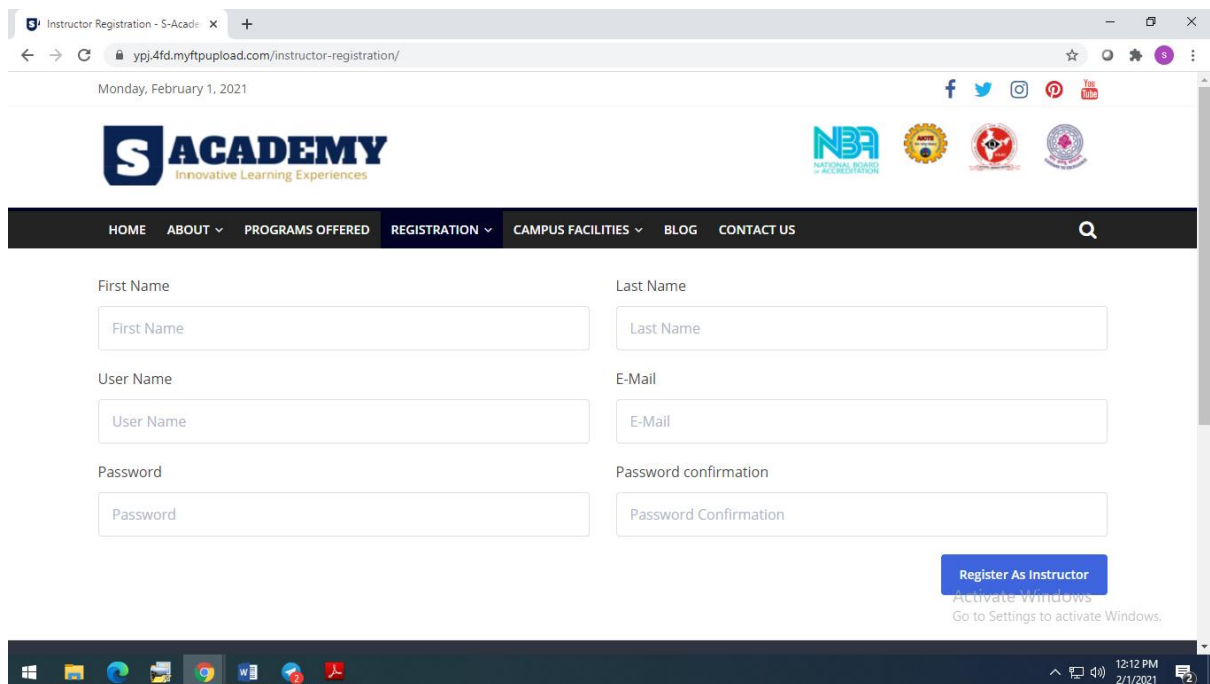
About Page



Online Courses Page



Instructor Registration



Student Registration

Student Registration - S-Academy X +

ypj.4fd.myftpupload.com/student-registration/

Monday, February 1, 2021

f t i p y

S ACADEMY
Innovative Learning Experiences

NBA NATIONAL BOARD OF ACCREDITATION

HOME ABOUT PROGRAMS OFFERED **REGISTRATION** CAMPUS FACILITIES BLOG CONTACT US

First Name Last Name

User Name E-Mail

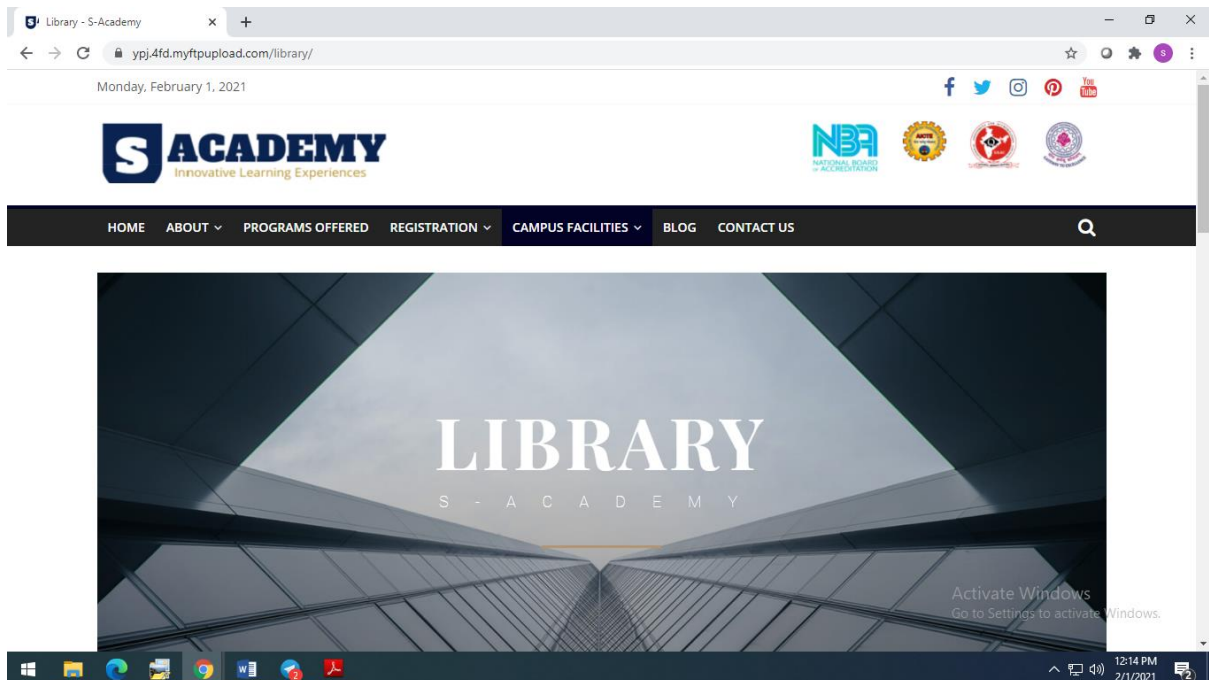
Password Password confirmation

Register

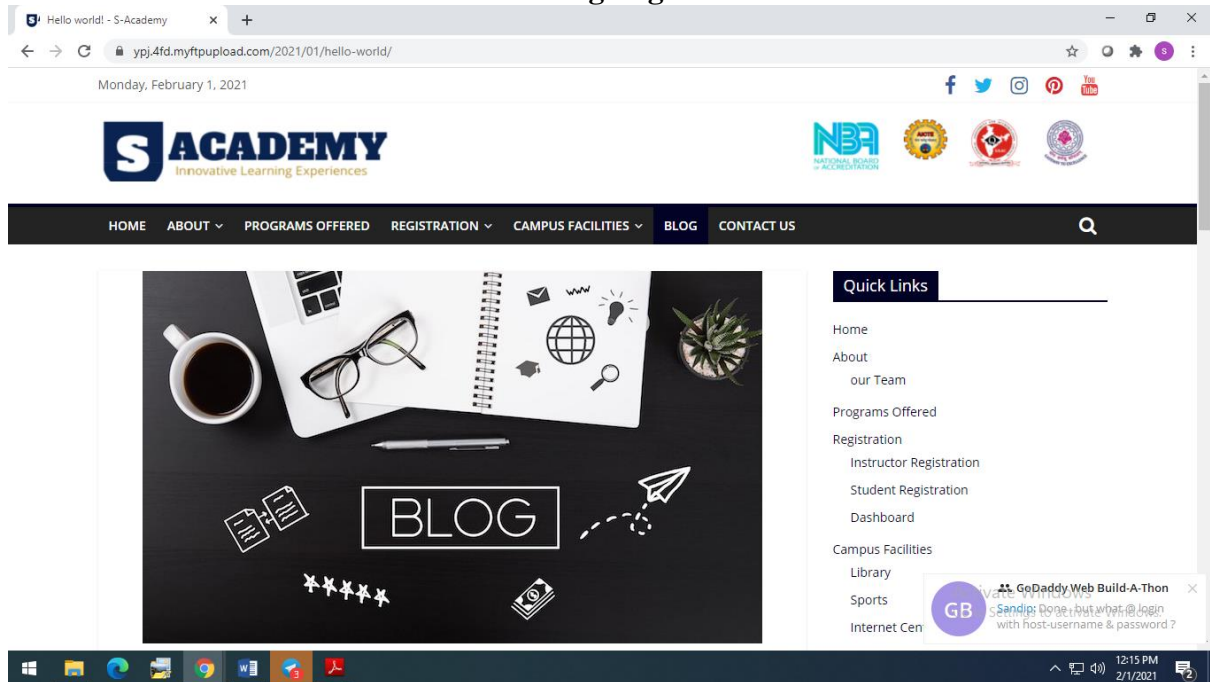
Activate Windows
Go to Settings to activate Windows.

12:13 PM 2/1/2021

Infrastructure



Blog Page



Contact Us

The screenshot shows the 'Contact Us' page of the S-Academy website. The browser address bar displays 'ypj.4fd.myftpupload.com/contact-us/'. The page header is identical to the Blog page. The navigation menu is the same, but the 'CONTACT US' link is highlighted. Below the navigation menu, the text 'Contact Us' is displayed. A note states 'Fields marked with an * are required'. The form contains three input fields: 'Name *', 'Email *', and 'Message *'. A 'Submit' button is located at the bottom left of the form. An 'Activate Windows' watermark is visible in the bottom right corner. The Windows taskbar at the bottom shows the time as 12:15 PM on 2/1/2021.

7 ADVANTAGES & DISADVANTAGES

- These types of LMS are already available in our markets, but it does not have the feature that we are providing to our Institute.
- Online learning allows people to learn in their own style and at their own speed, which helps them absorb more information. If someone needs more time with a particular topic, they can go through it as slowly and as many times as they need.
- Here we will provide the high permissions to the Admin so he can handle the complete college for better security and maintenance.
- There will be different permissions to the admin and faculty.
- Online learning would be a great tool to learn the theory-based side of football, like its history and the rules of the game. However, it cannot be used to transfer practical knowledge like how to actually play the game. Only getting out on the field can do that. Therefore, it is important to keep in mind that e-learning cannot replace the knowledge that comes through hands-on experience.

8 APPLICATIONS

The system will be used to upload, download lectures, in time assignment submission, conducting online quizzes, student admission, course registration, managing results. Moreover the product will manage all the record of teachers, courses, exam section, fee section, students and will be able to search the available record. The system is recommended to have a unique username and password so that nobody can misuse it. This system must be right protected and rights of every category of user must be clearly described so that limits for every user access are defined. Some LMS providers have highly functional content management systems that would allow content designers, instructors, or even subject matter experts to create content that is branded and suitable for immediate delivery.

9 CONCLUSION

The knowledge that students bring with them from their families and communities that is relevant to disciplinary core ideas, scientific and engineering practices, and crosscutting concepts is an area yet to be fully explored. In general, many teachers have had limited

opportunities to engage in scientific and engineering practices themselves, much less to explore them in connection with the disciplinary core ideas and crosscutting concepts that animate the new vision. New curricula and instructional experiences will need to be crafted—with input from and the active engagement of teachers themselves—to bring that vision to life in classrooms. The knowledge demands of this new vision will require that the entire community—science teachers, teacher educators, professional developers, and science education researchers, as well as institutions of higher education, cultural institutions, and industry all of which invest in professional development—to create new, ongoing opportunities for teachers to rise to these new standards and to document what they learn from their efforts along the way.

10 FUTURE SCOPE

Online education in India is at a very early stage. Yet, India is filled with passionate youth who can enhance the possibilities of Indian Education System. Looking at the current trends, we can expect growth in enrollment rates in distance online education programs. It will evolve the continuous learning process.

Benefits of Technological Innovation

- It balances the supply and demand ecosystem.
- Big data and artificial intelligence can help in designing of customized content.

In this era of digitalization, online education has improved the quality of education and it has become easy not only for students who can refer to content as per their convenience but also for the professors and institutes to teach creatively without needing a classroom interaction.

Online learning may be a new experience to few but carries its pros and cons. The pronounces like reopening of schools, finding medication to curb the virus, getting rid of the virus completely have a void answer back. To hook the process of learning in children, online classes are the only means to sustain. To the educators who are acclimatized to classroom teaching, online teaching is a challenge to them. They are attuning themselves to new software, applications, and leaning to habituate towards technological ways to teach their students.

11 BIBILOGRAPHY

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