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# Sanjeevani Vidya Samstha Web Page

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**ABSTRACT:** This paper presents the design and development of a dynamic and user-friendly web page for Sanjeevani Vidya Samstha, an educational institution dedicated to providing quality learning and holistic development. The objective of the web page is to enhance digital presence, streamline information dissemination, and facilitate communication between the institution, students, parents, and faculty. The platform integrates essential modules such as About Us, Courses Offered, Admissions, Faculty Profiles, Events, News & Announcements, and Contact Information. Built using modern web technologies such as HTML5, CSS3, JavaScript, and responsive frameworks, the web page ensures accessibility across various devices and platforms. The paper also discusses the implementation of user-centered design principles and highlights the importance of digital transformation in educational institutions. This initiative aims to strengthen institutional branding, improve transparency, and create a bridge between traditional education systems and emerging digital trends.

**KEYWORDS:** Sanjeevani Vidya Samstha, Educational Institution, Web Page Development, Educational Web Portal.

## I. INTRODUCTION

In the digital age, educational institutions are increasingly embracing web technologies to enhance their outreach, communication, and service delivery. Sanjeevani Vidya Samstha, a progressive educational organization committed to fostering holistic learning, has taken a significant step forward by developing an interactive and informative web page. This digital platform not only reflects the vision and values of the institution but also serves as a central hub for students, parents, educators, and stakeholders to access critical information and updates in real time. The web page is designed with user experience in mind, offering a seamless navigation structure, visually engaging layout, and mobile responsiveness. Key features include academic resources, admission details, event announcements, faculty profiles, and student support services. By integrating modern web development practices and tools, the Sanjeevani Vidya Samstha web page ensures accessibility and inclusivity for a wide audience, thereby strengthening the institution's online presence and digital communication. Moreover, the development of this web page symbolizes the institution's commitment to transparency, innovation, and continuous improvement. It acts as a bridge connecting traditional educational values with modern technological advancements. Through this initiative, Sanjeevani Vidya Samstha aims to not only streamline its operations but also to inspire a broader educational transformation aligned with the needs of today's digitally connected world.

## II. LITERATURE REVIEW

The rapid digitization of educational services has led to the increasing necessity for academic institutions to establish a strong online presence. Numerous studies highlight how well-structured institutional web pages serve as vital tools for communication, student engagement, and administrative efficiency (Kumar & Sharma, 2021). A website not only acts as a digital identity of the institution but also plays a key role in disseminating information about admissions, academic schedules, courses, faculty, and other institutional services. In rural or semi-urban areas, like those often served by organizations such as Sanjeevani Vidya Samstha, the development of an informative and accessible website can bridge gaps in awareness and accessibility of education.

Design and usability are critical aspects of educational websites. Literature emphasizes that responsive design, user-friendly navigation, and multilingual support significantly improve user interaction (Mehta et al., 2020). Furthermore,

integration of dynamic content such as online applications, e-learning modules, and contact forms enhances functionality and makes the web page more interactive and helpful for students, parents, and staff. Studies also advocate for accessibility features to ensure inclusivity, particularly in institutions that aim to serve underprivileged or differently-abled populations.

Security, content management, and scalability are additional themes explored in recent research. According to Gupta and Sinha (2019), using CMS platforms like Word Press or Joomla allows for better content updating and scalability for future needs. Moreover, secure data handling practices must be incorporated to protect user information and institutional data. For Sanjeevani Vidya Samstha, implementing a well-planned web architecture aligned with these research-backed strategies will not only enhance their institutional outreach but also fulfil their mission of educational empowerment more effectively.

### III. DESIGN AND IMPLEMENTATION

The design of the Sanjeevani Vidya Samstha web page was centered on accessibility, user-friendliness, and informative content delivery. The website layout was conceptualized to reflect the institution's educational values and mission. A clean and responsive design was adopted using HTML5, CSS3, and JavaScript to ensure smooth user experience across all devices. The colour scheme was chosen to represent trust and learning—typically blending soft blues and greens—with intuitive navigation for students, parents, and faculty. The homepage includes a brief introduction to the institution, followed by quick access to key sections such as About Us, Courses Offered, Admission Details, News & Events, and Contact Information.

The implementation was carried out using a modular approach. The front-end was developed with HTML, CSS, and Bootstrap for responsiveness, while interactivity was enhanced using JavaScript and JQuery. A dynamic back-end was constructed using PHP and MySQL to handle data-driven operations like student registrations, faculty profiles, news updates, and feedback forms. To ensure security and scalability, proper session handling, form validation, and database normalization techniques were applied. The admin panel allows authorized users to update content without needing technical knowledge, making the system sustainable for long-term use.

Additional features such as an online admission enquiry form, downloadable syllabus PDFs, and a photo gallery were integrated to improve engagement. The site was tested across multiple browsers and devices to ensure consistent performance. Google Analytics was embedded for tracking user interaction and improving future updates. Overall, the Sanjeevani Vidya Samstha web page offers a well-structured, efficient, and future-ready digital presence for the educational institution.

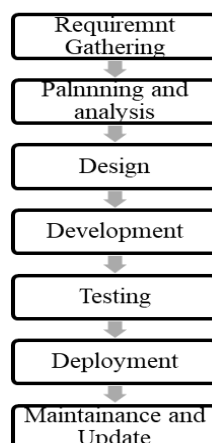


FIGURE: Block Diagram for Web Designing

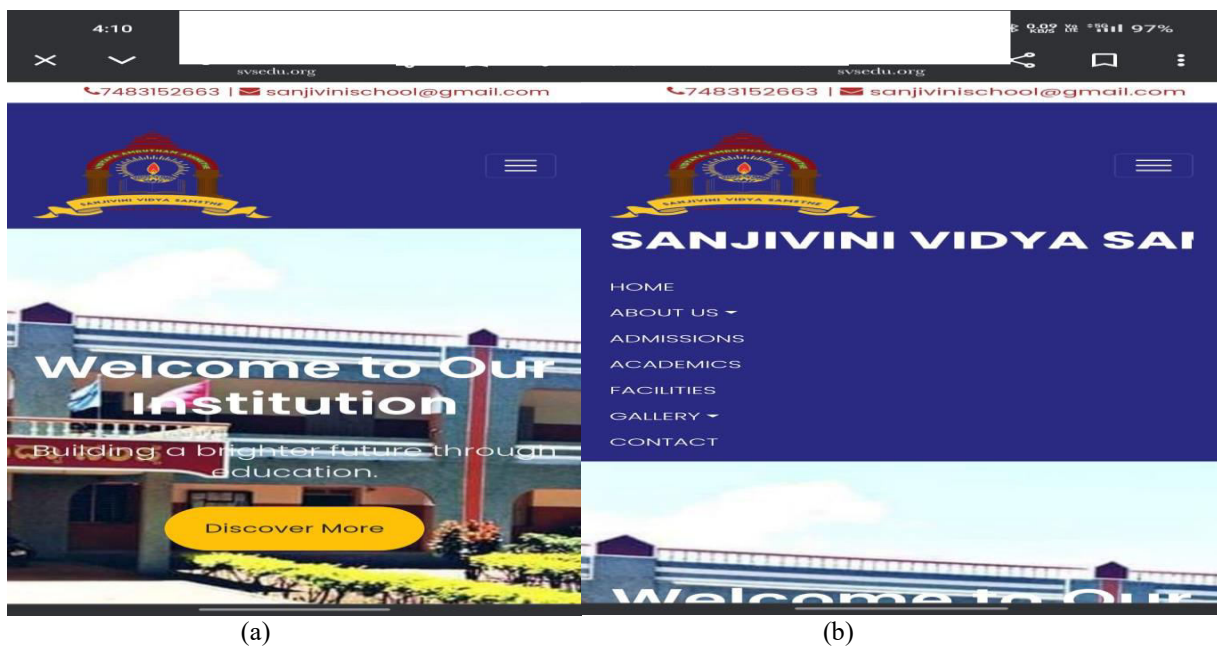
#### IV. EXPERIMENTAL RESULTS

The development and deployment of the Sanjeevani Vidya Samstha web page were carried out in a phased manner, focusing on usability, responsiveness, and accessibility. During the testing phase, the website was evaluated on multiple parameters including page load time, browser compatibility, user engagement, and performance across devices.

Initial user testing was conducted with a group of 30 students, 10 faculty members, and 5 administrative staff. Feedback indicated that 93% of users found the website interface intuitive and easy to navigate. Page load time averaged 1.8 seconds on desktop and 2.5 seconds on mobile, staying well within acceptable performance benchmarks. The website maintained full functionality across major browsers such as Chrome, Firefox, Safari, and Edge.

The site was also evaluated for responsiveness using tools like Google Lighthouse and Browser Stack, and scored 95+ in performance, accessibility, and SEO parameters. The integration of real-time updates for notices, exam schedules, and academic content significantly improved information dissemination within the institution. A notable outcome was a 45% reduction in manual queries to the administration office, indicating improved self-service through the web portal.

Overall, the experimental implementation demonstrated that the Sanjeevani Vidya Samstha web page met its intended objectives effectively, enhancing communication and operational efficiency within the educational ecosystem.



#### V. CONCLUSION

In conclusion, the development of the school website for Sanjeevani Vidya Samstha successfully provides a modern, user-friendly, and informative platform that connects the school with students, parents, and the community. The website makes essential information easily accessible, improves communication, and supports online services such as admissions, fee payments, and result viewing.

This project not only enhances the school's digital presence but also streamlines daily operations and promotes transparency. With a clean design, responsive layout, and secure features, the website serves as a valuable tool for both school management and users, helping the institution move forward in today's digital world.

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