Sinhgad Technical Education Society RMD Sinhgad School of Engineering-Warje,Pune-58

Department of Computer Engineering



DEPARTMENT OF COMPUTER ENGINEERING

310255: Internship

ACADEMIC YEAR 2024-25

NAME: Abhijeet Mohan Gidde

ROLL NO: 22

Under the guidance of:

Ms. Manisha V. Desai

DEPARTMENT OF COMPUTER ENGINEERING



Sinhgad Institutes RMD Sinhgad School of Engineering

DEPARTMENT OF COMPUTER ENGINEERING CERTIFICATE

This is to certify that the Internship Entitled

"ISKCON NVCC Sanjeevani – Encyclopedia System"

Submitted by

Abhijeet Mohan Gidde T1910204243

Dr.Deepali Newaskar H.O.D Dept. of Computer Engg Dr. V.V Dixit
Principal
RMD Sinhgad School of Engineering

Signature of Internal Internship Supervisor Supervisor

Signature of External Internship

Internship Offer Letter/Allotment letter

CODING SAVVY

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20 December, 2024

To, Abhijeet Mohan Gidde

Subject: Allotment of Front-End Development Live Project Internship

We are delighted to offer you an **Industrial Internship in Front-End Development**, where you will have the opportunity to work on Live Projects that mirror real-world industry challenges.

Live Project Details:

- Internship Start Date: 21 December 2024
- Company/Organization Name: ISKCON Sanjeevani Encylopedia System
- Internship End Date: 21 January 2025

Throughout the duration of this internship, you will work with modern front-end technologies such as HTML, CSS, JavaScript, React.js, Bootstrap, and Git/GitHub, along with deployment workflows. This hands-on experience will help you build a strong technical foundation while contributing to real, live projects.

The focus of this internship is to provide you with hands-on experience in live industry projects, helping you develop essential industry skills. You will receive mentorship and guidance to ensure you not only grow technically but also adapt to professional work environments.

You will be immersed in real-world projects, allowing you to develop your technical abilities, adapt to industry standards, and practice professionalism in a collaborative setting. Additionally, this internship duration may be extended based on mutual agreement and your performance during the initial internship period. We encourage you to actively engage, follow best practices, and work closely with your mentors to make meaningful contributions.

Sincerely,

Ananya Dixit HR Manager Coding Savvy

Internship Place Details

Company background-Organization	ISKCON NVCC
Activities/Scope	Web Development
Objective of Study	Front end development
Supervisor	Mr. Kishan Tiwari
Details(Name, Designation, Company	Project Mentor
Name, Email_Id, Contact number)	admin@codingsavvay.in

I_{ndex}

Sr. No	Chapter Name	Page No.		
1	Introduction			
2	Title/Problem statement/Objective			
3	Motivation/Scope and rationale of the study			
4	Methodological details			
5	Results/Analysis/Interferences and Conclusion			
6	Suggestions			
7	Attendance Record			
8	Acknowledgement			
9	List of references			

Introduction

In the ever-evolving digital landscape, websites serve as pivotal gateways for connectivity, information sharing, and user engagement. Web development, with its intricate integration of HTML, CSS, Bootstrap and JavaScript shapes the way users interact with online platforms. As developers, we explore this dynamic field, where creativity meets functionality to deliver seamless, responsive, and engaging user experiences.

Web platforms have evolved far beyond static pages, now offering interactive and personalized experiences. Modern web development harnesses the power of frameworks, content management systems, and interactive design principles. This has led to the creation of dynamic websites that adapt to user needs, ensuring both accessibility and usability. Technologies such as Single Page Applications (SPAs) and Progressive Web Apps (PWAs) have revolutionized user engagement, while backend frameworks like Node.js and Django streamline server-side processes.

The ISKCON NVCC Temple's Learning Portal project embodies these principles of modern web development. It integrates a structured and engaging user interface, ensuring secure content management and facilitating user contributions. This blend of design and functionality creates a platform that enhances spiritual learning and fosters a collaborative community.

This project highlights the practical application of web development skills, bridging theoretical knowledge with real-world functionality. By integrating user-friendly design with efficient processes, the ISKCON Learning Portal aims to provide a meaningful and enriching digital experience, reflecting the essence of modern web development in creating impactful online spaces.

Title/Problem Statement/Objective

Problem Statement:

To design and develop a comprehensive learning portal for the ISKCON NVCC Temple using web technologies such as HTML, CSS, JavaScript, and Bootstrap, aimed at enhancing spiritual education and community engagement under the guidance of a project mentor.

Objectives:

- To create a user-friendly learning portal that provides informative and interactive content for devotees and visitors.
- To gain practical experience in web development by applying theoretical knowledge to a realworld project.
- To understand and navigate the complexities of project development in a professional setting.
- To familiarize with modern web development tools and technologies, ensuring best practices and efficient solutions.
- To cultivate professional skills and adhere to ethical standards, contributing positively to societal and organizational goals.

Motivation/Scope & Rationale of the Study

Motivation:

The ISKCON NVCC (New Vedic Cultural Center) serves as a hub for spiritual, cultural, and educational enlightenment. With an ever-growing repository of scriptures, literature, and multimedia resources, the need for an efficient system to catalog, access, and manage these materials has become evident. Traditional manual processes are prone to errors, inefficiencies, and delays, limiting the accessibility of these resources to devotees, scholars, and visitors. The development of an Encyclopedia Management System aims to digitize this treasure trove of knowledge, ensuring seamless access, better organization, and preservation of invaluable content for generations to come.

Scope:

The scope of the ISKCON NVCC Encyclopedia Management System encompasses the following aspects:

1. User Access and Roles:

- Role-based access control for administrators, scholars, devotees, and visitors.
- Guest access with limited permissions for public viewing of selected resources.

2. Content Management:

- Support for adding diverse types of materials, including books, scriptures, articles, multimedia files, and archives.
- Metadata tagging for efficient categorization and searchability.

3. Search and Retrieval:

 Advanced search functionalities using keywords, categories, authors, or publication dates.

Methodological Details

Planning Phase

- Regular meetings were conducted to meticulously plan each component of the website based on client requirements.
- The mentor encouraged proactive engagement with the client to provide updates and capture their feedback for iterative improvements.
- Task allocation was conducted strategically, focusing on team members' expertise in HTML, CSS, JavaScript, and documentation.

Analysis Phase

- Weekly reviews ensured that progress was aligned with project milestones and deadlines.
- Any issues or challenges were promptly identified and resolved under the guidance of the mentor, ensuring seamless execution.

Design & Development Phase

- HTML and CSS were utilized to craft the website's structure and design, ensuring a visually appealing and responsive interface.
- JavaScript was employed to add interactivity and dynamic elements to the website, enhancing user experience.
- The website features include a landing page, About Us, Contact Us, login system, and an admin dashboard for content management.

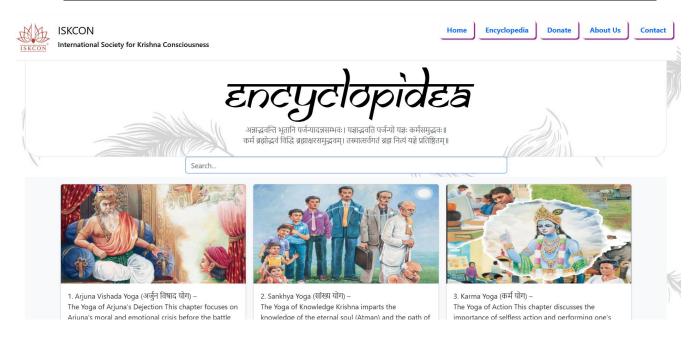
Testing Phase

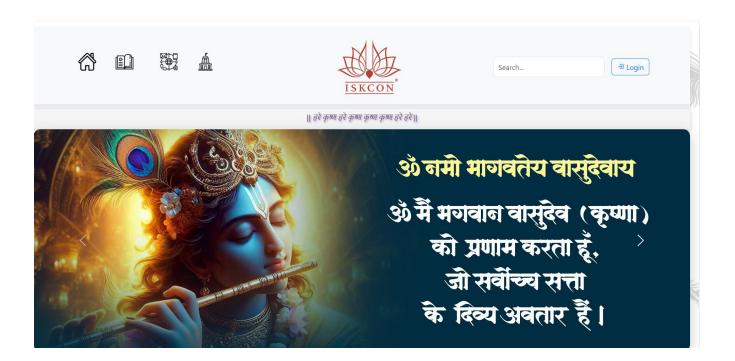
- Extensive testing was conducted to validate the functionality of the website .
- Feedback from testing with the client highlighted areas for optimization, such as page load speeds and user interface enhancements.
- Identified issues were resolved through detailed debugging and performance tuning of the JavaScript code and asset optimization.

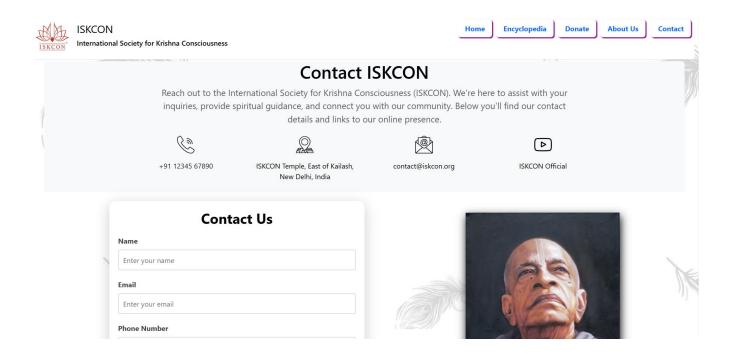
Implementation & Maintenance Phase

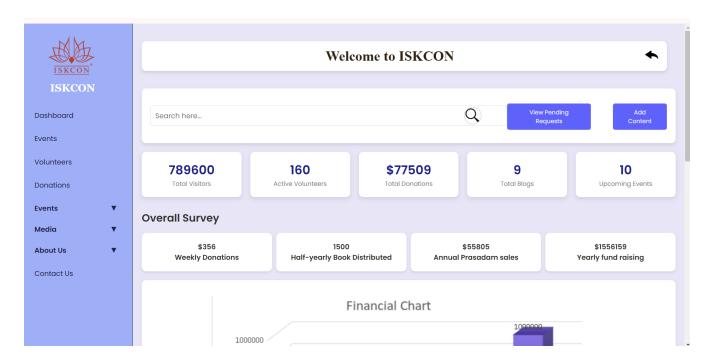
- The completed website was deployed successfully, incorporating all key features and ensuring seamless functionality.
- A dedicated help section was added to allow users to report any technical issues or provide feedback directly to the development team.

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Result:

- User-Friendly Interface: Developed an intuitive, responsive design using HTML, CSS, and Bootstrap for seamless navigation across devices.
- Interactive Content: Integrated JavaScript for features like dropdowns and modals, organizing spiritual resources in an accessible format.
- Enhanced Engagement: Enabled user participation through devotional uploads and

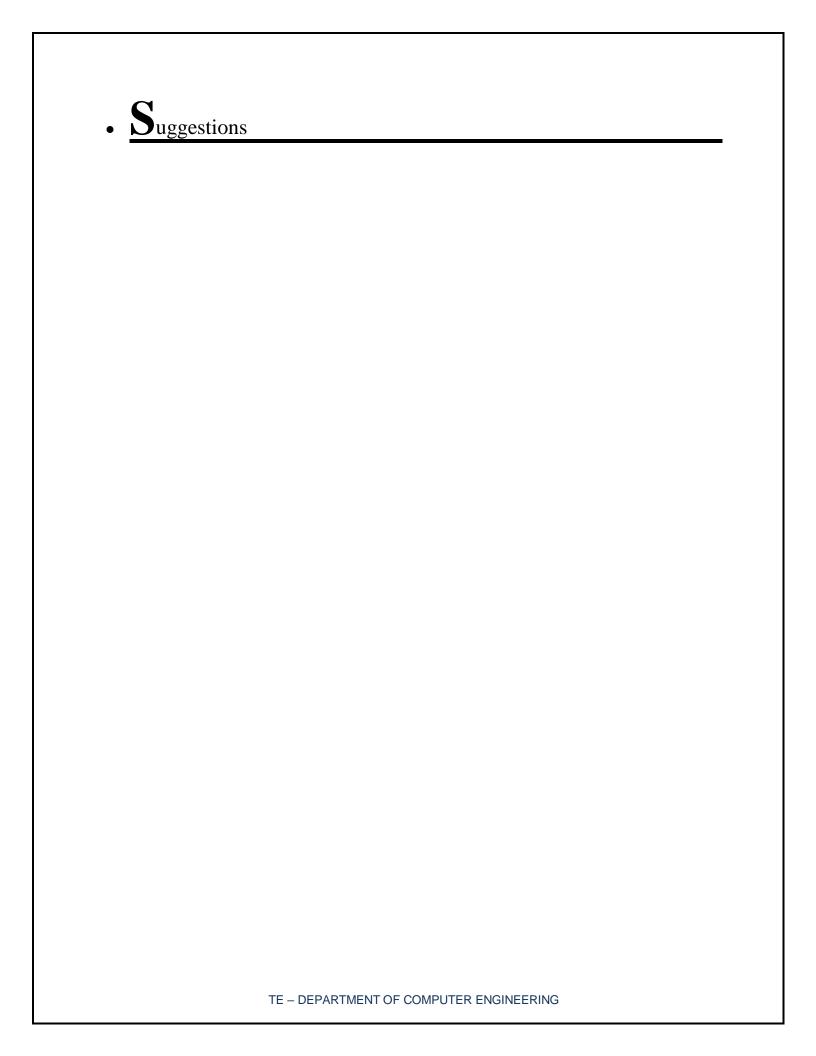
- secure login processes.
- Technical Excellence: Utilized modern tools and best practices for efficient, maintainable development.
- Real-World Application: Delivered a functional platform combining theory with practical implementation, aligning with modern web standards.

Analysis:

- Technical Insights: Successfully implemented responsive design and interactive features despite challenges like dynamic content alignment and user authentication.
- Frameworks: Bootstrap accelerated development, while JavaScript enhanced interactivity and engagement.
- User Experience: Tailored design met ISKCON devotees' needs, improving usability and engagement.
- Professional Growth: Team members gained hands-on project experience and improved skills like teamwork, problem-solving, and communication.
- Alignment with Objectives: The project met its goals, creating a platform that promotes spiritual learning and community collaboration while reinforcing ethical values.

Conclusion:

- The ISKCON NVCC Temple Learning Portal is a significant achievement that blends modern technology with spiritual education. Utilizing HTML, CSS, JavaScript, and Bootstrap, it provides an engaging platform for learning and community collaboration within ISKCON. Its user-friendly and responsive design ensures accessibility across all devices, catering to a global audience.
- The project goes beyond traditional learning by integrating secure content sharing and interactive features, aligning with ISKCON's mission of spreading spiritual wisdom through modern tools. It has been a transformative experience for the team, offering practical insights into web development, project execution, and professional skills such as teamwork and problem-solving.
- This portal highlights the role of technology in bridging cultural and spiritual gaps, fostering engagement, and inspiring connection. With potential for future growth through emerging technologies, it sets a benchmark for meaningful digital platforms.



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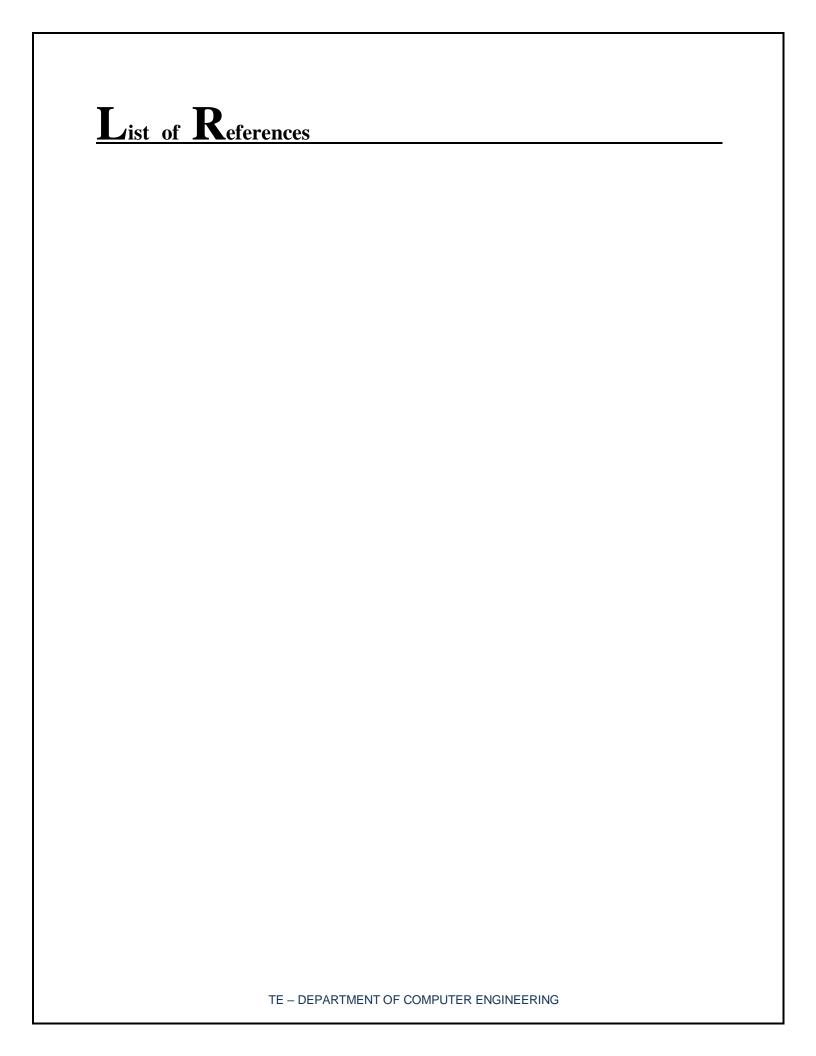
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Acknowledgment

It is our pleasure to acknowledge a sense of gratitude to all those who helped us in completion of Internship. I am highly indebted to **Ms. Manisha V. Desai** from RMDSSOE, Warje, Pune. & **Mr.Kishan Tiwari** from **Coding Savaay & ISKCON NVCC** for their guidance and constant supervision as well as for providing necessary information regarding the internship & also for their support.

I would like to express my gratitude towards **Dr.Deepali Newaskar** (**Head - Department of Computer Engineering**) for their kind cooperation and encouragement which helped me in providing the required facilities.

Finally we wish to thank and appreciate all our teachers and friends for their constructive comments, suggestions and guidance and all those directly or indirectly helped us in completing this internship.



Evaluation Sheet

1. External Evaluation:-

Sr No.	Evaluation Parameters	Marks				
1	Attendance Record(Out of 25)					
2	Diary/Workbook(Out of 25)					
	Total Marks(Out of 50)					

Signature of Internal Internship Supervisor

Signature of External Internship Supervisor

Evaluation Sheet

1. Internal Evaluation:-

Communic ation & Presentati on skill	Team work	Creativity	Planning and organizati onal skill	Adapta bility	Analy tical Skill	Attitude and behavior at work	Societal underst anding	Ethics	Regular ity and punctua lity	Total
5	5	5	5	5	5	5	5	5	5	50

Signature of Internal Internship Supervisor

Signature of External Internship Supervisor