

# CSE Department Website Modernization Project

## Modern vs. Existing SSN Site Comparison

Siddharth M - 3122237001049

Nithish Ra - 3122237001033

SSN College of Engineering

September 4, 2025

# Table of Contents

- 1 Introduction
- 2 Content
- 3 Conclusion
- 4 Future Work

- **Objective:** To modernize the SSN CSE department website.
- **Vision:** To create responsive, accessible, and interactive pages.
- **New Features:** Add dashboards, maps, filters, and student engagement sections.

## **New Site Navigation:**

- Home, About, Programs
- Research, Placements  
Dashboard
- Student Corner, Contact

## **Key Features:**

- Dark/Light mode toggle.
- Interactive charts.
- Faculty search and filters.
- Embedded Google Maps and contact form.

- Hero banner with the department's vision.
- Highlights section with cards for labs, achievements, and activities.
- Interactive placement statistics chart.
- Floating **Back-to-Top** button for improved usability.

## Faculty Page:

- Dynamic faculty listing.
- Search functionality.
- Filter by expertise (AI, ML, Cybersecurity, etc.).

## Research Section:

- Research domains displayed as tags.
- Linked PDFs for patents, projects, and publications.

## **Placements Dashboard:**

- Interactive dashboards with KPIs.
- Filters for year, company, and country.
- Global alumni map.

## **Student Corner:**

- Clubs (ACM, IEEE, Coding Club, etc.).
- Events timeline.
- Achievements (hackathons, research papers).

# Comparison with Existing Site

<b>Existing SSN Site</b>	<b>New Modern Site</b>
Mostly static pages	Interactive dashboards, charts, maps
Limited interactivity	Student engagement sections
Relies on PDF downloads	Search, filters, modern design
Not fully accessible	Fully accessible



# Conclusion

- The new site offers a more modern and engaging user experience.
- Improves usability for students, faculty, and alumni.
- Adds visualizations, dashboards, and dynamic content.
- Represents a significant improvement over the existing site.

# Future Work

- 360° Virtual Tour ...
- Alumni Connect ...
- AI-powered Q&A Bot ...

Thank you!