

UNIVERSITY WEBSITE



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<!-- PROJECT OVERVIEW -->

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Title: BGSBU University Website Development

Subtitle: "A Modern Web Platform for Academic Excellence"

Visual: Side-by-side screenshots of desktop/mobile views

Key Stats:

- 50+ Interactive Components
- 15+ Department Pages
- 100% Responsive Design

<!-- TECHNOLOGY-->

Frontend:

- HTML5 Semantic Markup
- Tailwind CSS Framework
- AOS (Animate On Scroll)
- Font Awesome 6.3

Tools:

- VSCode Development

<!-- KEY FEATURES-->

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- **Smart Navigation System:**

A[User] --> B{Device Type}

B --> |Mobile| C[Hamburger Menu]

B --> |Desktop| D[Mega Dropdowns]

C --> E[Collapsible Sections]

D --> F[Hover-activated]

- **Dynamic Search:**

Keyword-based redirection (admissions →
admissions.html)

- **Interactive Elements:**

Animated leadership cards

Scroll-triggered gallery

Live news marquee

<!-- DOCUMENTED WORKFLOW-->

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User Interaction Flow:

sequenceDiagram

User->>HTML: Requests Page

HTML->>CSS: Applies Tailwind Styles

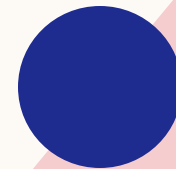
User->>JavaScript: Triggers Event

JavaScript->>DOM: Toggles 'hidden' class

DOM->>User: Updates UI

Data Flow:

index.html → styles.css → script.js → DOM Manipulation



<!-- SEARCH IMPLEMENTATION-->

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search.js Logic:

```
document.getElementById('searchForm').addEventListener('submit', function(e) {  
    e.preventDefault();  
    const query = document.getElementById('searchInput').value.trim().toLowerCase();  
  
    if(query.includes("admission")) {  
        window.location.href = "admissions.html";  
    }  
    else if(query.includes("chancellor")) {  
        window.location.href = "Chancellor.html";  
    }  
    else {  
        window.location.href = "resultnotfound.html";  
    }  
});
```

Visual: Flowchart of search decision tree

<!-- VALIDATION-->

Current Metrics:

- HTML Validation: 92% Pass
- CSS Validation: 100% Valid
- JS Errors: 0 Console Errors

<!-- PROJECT STRUCTURE -->

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```
|— index.html                # Homepage
|— pages/
|   |— Administration/
|   |   |— Chancellor.html  # Chancellor's profile
|   |— Departments/
|   |   |— SOET              # SOET Folder
|   |       |— Academics.html  # Academic programs
|   |       |— Administration.html # College administration
|   |       |— department.html  # Department listings
|   |       |— Placement.html   # Placement center
|   |— SOET.html             # School of Engineering & Tech
|— css/
|   |— styles.css            # Custom styles
|— js/
|   |— script.js             # Main interactions
|   |— search.js             # Search functionality
|— images/                   # ALL visual assets
|   |— administration/
|   |— campus images/
|   |— departments/
|   |— news/
|   |— other/
```


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**THANK YOU FOR YOUR
ATTENTION!**

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