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WHITEPAPER

Administering Students And Faculty With

Better Digital Engagement Using Drupal

The digital platform play a unique role in the education sector by connecting faculty members and students in a manner that's best suited for the current internet generation. Find how the Drupal CMS enables you to provide the right tools and medium that gives maximum impact to your education process.

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The need for
Drupal websites in education is eminent

Executive Summary

In today's mobile generation, universities and higher education institutions need a robust web platform that can offer an unbiased digital experience for students and faculty. The higher education websites not only serve as a public portal, but become an interactive tool for students and faculty members. The need for Drupal websites in education is eminent because of the amount of information that needs to be conveyed efficiently and instantly.

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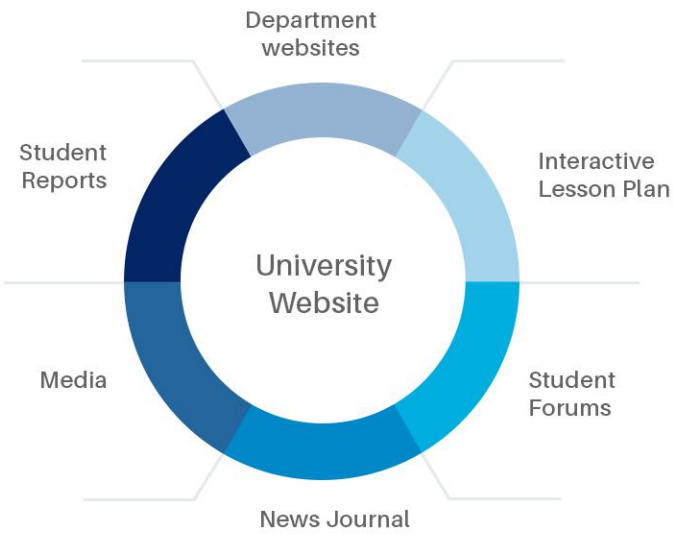
Anatomy Of A University Website

Higher Ed institutions need to cater to a lot more users using their web portal than just display information about their university courses and reputation. The tech savvy generation requires the right tools needed to collaborate, discuss, brainstorm, and share ideas and knowledge which cannot be achieved by just using the main website. Multiple websites should be built to cater to the needs of each department and interest as it's easier to curate relevant content easily.

Also, the university's website platform must be future-proofed as they can't afford to run their website on a model that will run out of support soon. The universities also handle plenty of sensitive information like student scholarship information, GPA listing, PHD research materials, etc. Hence, security plays a major role in safeguarding such crucial information.



Statistics Show Drupal Is The Preferred

CMS For Higher Education Websites

The numbers favor the Drupal CMS as majority of education websites run on the Drupal platform. Drupal has over 26% market share of .edu websites, making it one of the top CMS for the education sector.

Drupal is also the most preferred CMS in the United States where 71 of the top 100 universities run on it. This shows the impact of Drupal on the university website administration process.

Unique Features Of Drupal Core That Makes It Perfect For The Education Sector

Multisite Functionality

A university's ecosystem is vast and it's impossible to enable and manage it through a single website. Multisites are essential to cater to the needs of students and faculty belonging to various departments. The multisite management feature is built within the Drupal core that provides the freedom required for various departments to enable multiple websites connected to a single parent site.

This feature maintains the harmony of the university sites by providing ownership to each department to freely display information that caters to their needs.

Mobile First Approach

As mobile internet users overtake desktop users, universities need to embrace this reality and provide responsive web services to enforce maximum engagement within and outside the campus. Students and professors use multiple handheld smart devices in various sizes and versions, this makes responsiveness as a mandatory factor for any university website. Whether it is your primary website that looks to recruit students or the core website frequented by faculty and students, a mobile first approach is mandatory or else it would be used as an optional tool that would gradually be ignored.

Responsiveness as a mandatory factor for any university website

The Drupal core is built to be mobile ready to cater to all screen sizes without any technical issues. Reduce the overall cost of converting your existing web platform to a responsive one by adapting Drupal.

Taxonomy is essential to **maintain a structure to the website.**

Build a process oriented hierarchical workflow to ensure that a particular flow of data.

Efficient Use Of Taxonomy

Taxonomy is essential to maintain a structure to the website. This ensures that the visitors can efficiently navigate through the website to access content and data without any confusion or distractions. Drupal is one of the few CMS that lets you to easily divide websites into subgroups in a robust and simplified manner.

Maintain A Structured Workflow

The Drupal ecosystem lets universities set up robust workflows to simplify their work process. These structures will help set a designated process that cannot be breached without prior permission. Build a process oriented hierarchical workflow to ensure that a particular flow of data or content is enforced across all pages and sites.

Security At Its Best

Compared to most open source CMS, Drupal is considered to be secure due to the close knit community that takes safety as its primary responsibility. Each and every element of the code that gets into the Drupal.org is tried and tested by the Drupal Association members. The code is tested, right from the coding standards to module functionality to ensure maximum safety to the Drupal structure.

Content Creation & Distribution

The Drupal CMS is primarily built for easy content authoring and distribution. The Drupal core has the right features that let you add and edit content on page without compromising on the security. Content can be created and distributed without any hassle, making it the right CMS for universities which completely rely on a web content based information interchange and huge volumes of data for students and faculty members.

> The Drupal CMS is primarily built for easy content
> **authoring & distribution**

Modules Designed For

Higher Ed Classes

Drupal modules help integrate special features that are needed to make your Drupal platform, robust and enable ease of administration. Most web platforms can help you build a robust university website with the basic features, but only with Drupal you can provide advanced features to digitize your education process.

Assignment Calculator

It's the perfect module that helps professors create assignments with various milestones to ensure students put in maximum effort into each project. The modules create various steps that the student should perform to successfully complete the project. This helps them to monitor the progress effortlessly. It provides a holistic approach that is required to motivate students to start their assignments sooner and understand the subject better.

WizIQ Virtual Classroom

Provide an interactive learning at mosphere to your students with this unique module which simplifies real-time online classes. Start reaching out to distant students through virtual sessions that can easily be set up with this unique Drupal module. The module also lets you provide audio and video sessions along with the tools needed to interact and provide valuable knowledge sharing sessions to students.

> The tools needed to **interact & Provide valuable knowledge sharing seasons to studends.**

Student's Study Aid

This unique module help students prepare for exams better by breaking down the subject into smaller quizzes. It also helps students understand subjects better and improve their overall grade. Make use of the Drupal web portal for not just providing course details, but also offering useful study aids that are beneficial to students.

Create Instant Quizzes

Assess student's knowledge on various subjects by creating instant quizzes. Easily create multiple choice questions and let them access it through the Drupal portal. Students can instantly check their scores and learn from their mistakes effortlessly.

Push Notification For Drupal

Send instant alerts to students regarding their pending assignments, latest updates, class timings and other important information. This module easily connects with the Drupal website and relatively creates easy updates, instantly.

It also helps students understand subjects **better and improve their overall grade**

Digital Library

Send instant alerts to students regarding their pending assignments, latest updates, class timings and other important information. This module easily connects with the Drupal website and relatively creates easy updates, instantly.

Video Training

Create and upload video screencasts to provide video training materials for students. These materials help students revisit class lectures to understand their lessons better. Videos can also be uploaded and transmitted in a secured manner using a CDN to safeguard any privileged content.

Why We Prefer Drupal For

Education Websites

Drupal's successful ecosystem is built by keeping content and security as its driving force. Since these two elements are the main ingredients for the education sector, Drupal makes the perfect platform solution that can help universities to frame the right digital strategy.

In the current scenario, an increasing number of students and faculty members are proactively using their mobile devices to access sites and Drupal is the best platform that easily lets them share and publish course works, lesson plans, research papers, presentation, etc. from their phones and tablets.

> **Drupal makes the perfect platform**

At Drupal Partners, we have helped universities frame robust process through various modules that streamline their workflow. We help build the right hierarchy to enforce the right digital strategy. We also build custom modules to build suitable digital structure in order to improve engagement and strengthen the relationship between students and university professors and advisors.

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