



gai technologies pvt ltd

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Drupal™

# Drupal

## The Solution For Universities and Higher Education



## Introduction

Universities and higher education institutes rely on their website to tell the whole world about their presence, experiences, achievements and many more.

The website engages all the , alumni, students, faculty, Guardians etc. This paper will provide the basis for using Drupal as a solution for the problems faced by the Universities.

## The Problem

Many Universities are struggling to satisfy the digital needs of their faculty and students in this fast changing IT world. Universities have many problems like Easy access control, Low Budgets, Editorial Workflows, Student management, Brand Consistency, Research Papers, Digital libraries, Online Course Materials, Faculty Management, Admissions. Alumni. Academic departments and many more.

What's required is the platform that provides the freedom to expand with the digital age without any complications and without any licensing costs.

Universities and higher education institutions generally has to post a lot of content on their websites and it requires to be updated frequently. But nowadays things have changed only posting results and faculty information, research papers is just not enough in this competitive Dynamic sector.

What's required is a single Platform for the entire campus. Which is capable of handling needs of Faculty, Academic departments, Students, and other stakeholders.

## The Solution

The most capable Platform that provide enterprise-scale, multi-site management capabilities to the Universities and Academic institutions is Drupal. The digital requirements will be changing at the speed of the web, and the need for individual sites with innovative functionality will continue to grow. Drupal provides a platform for content management along with several distributions specifically targeted towards the needs of educational institutions.

University Sites are highly content rich and Drupal was built for such things enfact Drupal was developed at universities premises.

## Ability to carter various departments of the Universities/Higher Education Institutes

Drupal with its multi site feature provides the ability to faculty of different departments create their own department specific websites.

## Robust Architecture

Drupal has a robust architecture therefore lots of open source distributions are built on it. Drupal comes with a specifically crafted distribution for all the academic and education institutes called Openscholar. This distribution provides some of these diligent **Features**



- **Smart Publishing** :The built-in WYSIWYG editor makes it simple to format text and add HTML elements. You can begin writing content from almost anywhere on your the site.
- **Semantic Urls**:Increase visibility and optimize the availability of the sites' pages in search engines, such as Google and Yahoo! with semantic URLs. All pages will automatically have semantic URLs that correspond with the page's title.
- **Content Aggregation**:Keep the web sites fresh by pulling in content from relevant sources using RSS. OpenScholar provides built-in tools for RSS feeds making feeds easy to set up.
- **Sleek Themes, Elegant Look and Feel**:Browse and choose from a variety of sleek and elegant themes with the Theme Picker tool. Each theme includes the flexibility to use distinct color schemes to match a site's desired look and feel.
- **The Interactive Layout Tool**:Design page layouts using a visual "drop-and-drop" blueprint of the site. The interactive Layout Tool provides an exciting way to arrange the content presentation on any site. Each site owner can design site-wide layouts or unique layouts for different pages of their site.
- **Social Collaboration**:Maintain social networking on each scholar site, and/or on the entire installation. Site owners can create user accounts for colleagues and other stakeholders and invite them to be members of their site. There they can collaborate on projects or exchange thoughts and ideas. Site owners have full control of your site members' status and access to your site.



- **Analytics:** OpenScholar is preconfigured to work with Google Analytics to capture reports of all site activity. Just provide your Google Analytics ID and data from your OpenScholar site will be sent to your Google analytics account automatically.

### MultiLingual Support

Universities generally have the students and faculties from different demographic regions and there will possibly be language barriers. Drupal comes with multilingual support which means All the Data on the website can be provided to the users in their native language. further to this country specific language pages can also be provided to the users.

### Interoperability

Drupal comes with incredible interoperability which means Drupal can fit anywhere. Drupal can communicate with other technologies far much easily as compared to others. IF your University is already using a technology then there is no need to worry drupal can easily integrate with it. Drupal can easily integrate with other web applications through open standards. Web services like XML, REST and JSON can be easily configured with Drupal.

### Workflow and Access Control

workflow and access control are the core features that an education institute requires. Drupal can allow hundreds of users to access and manage their sections of the site. Permissions, Roles and user tagging allows optimised access control. Each department has its own unique tags that match with user profiles. These tags allow us to control not only who is allowed to create certain content, but also where it belongs on the website. Drupal can also provide a hierarchy of users.

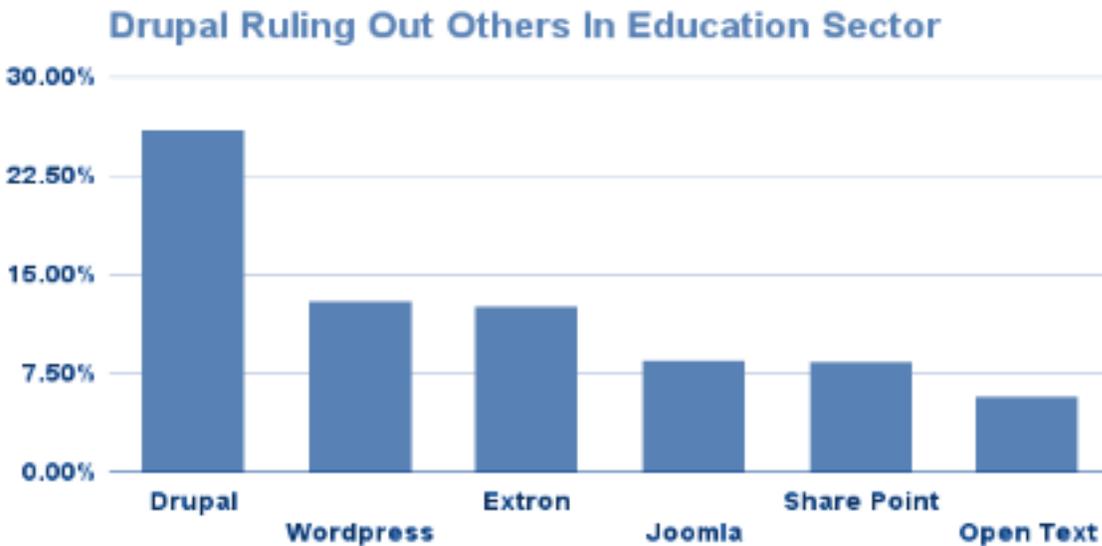


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## Why Choose Drupal If You Are In Education

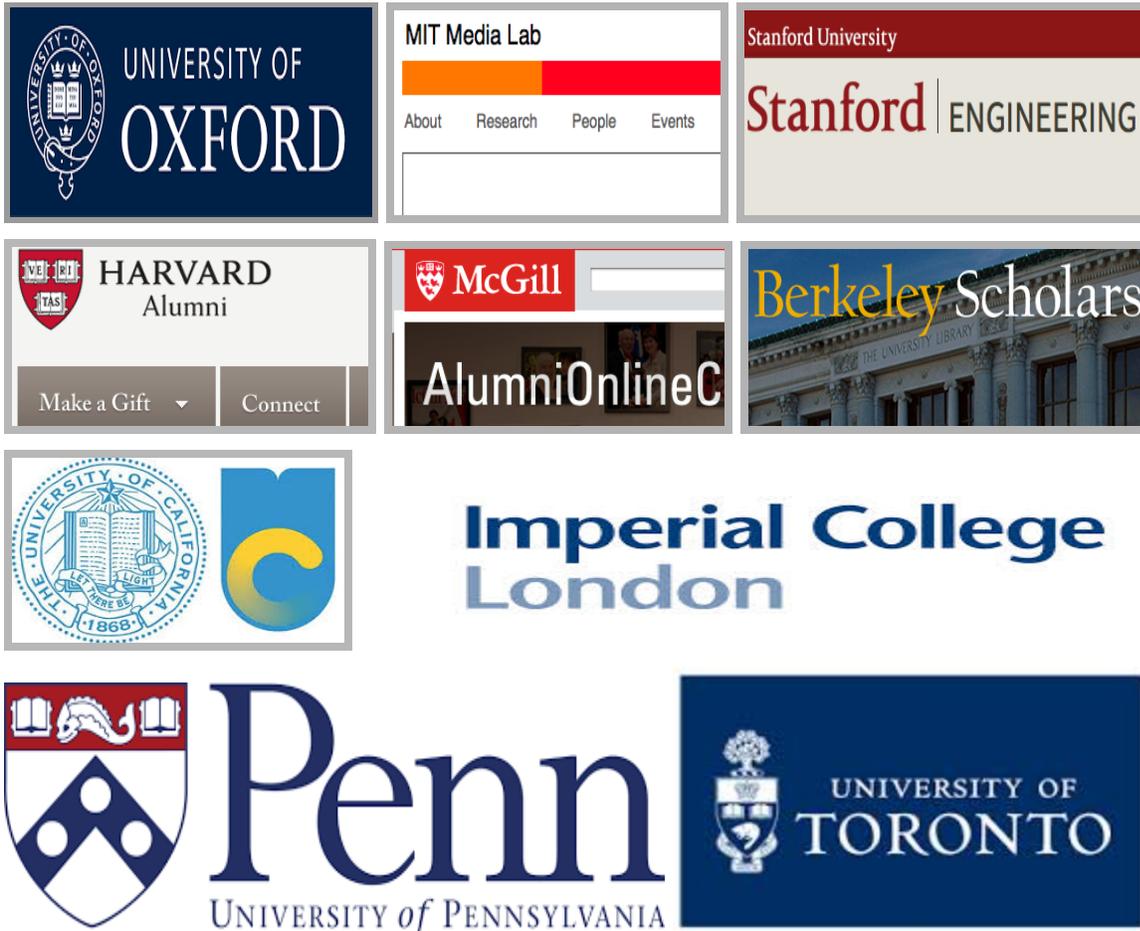


- 26% of all edu sites are in Drupal
- 71 out of World's top 100 Universities uses Drupal
- State of the art Distributions like Openscholar are available for free
- Drupal sites are in many languages,including...English French Spanish Arabic and many more
- Lower costs,support for integration with campus authentication and authorization systems,and strong content relation capabilities - particularly taxonomy support for libraries



## Who Uses Drupal

Few of the World's top institutions using Drupal



## About gai

gai provides web strategy, experience design and technology implementation for organizations across the education, private and nonprofit sectors. With a strong belief in open source, we deliver state-of-the-art services that enable our clients to achieve high quality web-presence. We have delivered more than 100 successful Drupal development and maintenance projects across 40 plus global customers including Alfaisal University. Maintenance is one of our core competencies, with over 15000 hours of experience in maintenance of Drupal websites..

Our dedication and passion made it possible to take us from a 4 developer team 4 years ago to 35+ developer team today. We love to give back to open source and all our developers are very active in the drupal community. We have contributed full modules and themes; Our dedication and passion made it possible to take us from a 4 developer team 4 years ago to 35+ developer team today. We love to give back to open source and all our developers are very active in the drupal community. We have contributed full modules and themes; even the junior-most member has at least one patch on drupal.org even the junior-most member has at least one patch on drupal.org





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