

6 Days  
**DRUPAL**  
Training for  
Government Employees



A DRUPAL BASED  
WEB DEVELOPMENT  
AND TRAINING COMPANY

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DRUPAL



## Introduction

Drupal is a well-known and award winning free, Open Source Content Management System (CMS) and framework built in PHP, the most popular web development language. With Drupal one can build any type of Website like University/College/Library Websites, Huge Portals, Online Shops, Government Websites, Online Advertising Websites, Online Jobs , Online Registration Websites, Business Community Websites, E-commerce Websites, Conference/Camp/Events Websites, Blogs, Forums and the list grows on.

## Benefits of Drupal:

- Drupal is Open source (i.e Free to acquire and use)
- Rapid Website Development (Within just a few hours or days one can deliver a website as opposed to Custom PHP which will take ages)
- Thousands of Add-on Modules
- Modular Extensible Architecture
- Powerful Design Customization Options
- Multisite Management
- Thriving and helpful Development
- Community
- Proven Security Record

# Who are using Drupal?

Some of the World's leading organizations using Drupal are as follows

1. Many US Government Organizations/states/cities including Whitehouse Petitions, Georgia.org, Boston, New York, Los Angeles city portals to name just a few.
2. Australian Government (Complete Government infrastructure is in Drupal).
3. New Zealand Government Portal.
4. German Government.
5. French Government Portal.
6. The London city portal [www.london.gov.uk](http://www.london.gov.uk)
7. Harvard University.
8. Oxford University and all of its affiliated/constituent institutions
9. LUMS Pakistan
10. European Union
11. Canadian Government Data Portal
12. United Nations
13. British Council
14. Georgia.org
15. UNDP, UNESCO, WFP
16. Lamborghini

And thousands of more organizations around the globe use Drupal to empower their web presence. In Pakistan, Government of Punjab, Khyber Medical University, Khyber Girls Medical College, PICO, Mehran University are in Drupal.

## Who Should Attend?

Since Drupal is a powerful tool for Government e-presence to better facilitate the citizens of the country, this training is tailor-made for Government Professionals working in IT departments or employees responsible for e-presence of respective departments. However, representatives from non-governmental organizations and other professionals can also attend this training to get equipped with the Power of Drupal.

## Details of the Six Days Training

# Website Building with Drupal

## Pre-Requisites

No prior knowledge of Web Development/Programming. But still some basics of HTML, CSS will be a plus. Though we will give a recap of modern HTML/CSS on the first day of the training.

# Training Curriculum

## Day 1

- Introduction to Modern Web
- A recap of HTML/CSS
- Designing a responsive Layout
- Bootstrap framework for laying out web pages
- Brief recap of normalization in Databases
- Introduction to Drupal
- Installing Drupal
- Understanding Content in Drupal
- Creating and Managing Content
- Creating Different types of content with Custom Content types
- Categorizing content with Taxonomy
- Understanding Blocks in Drupal
- Menu Management

## Day 2

- User Management and Permissions
- Creating Blogs in Drupal
- Creating Forums in Drupal
- Installing new themes
- Drupal Modules Overview
- Downloading and Installing Drupal Modules
- A go through of must have modules in Drupal.
- Drupal's Magical Views Module
- Understanding Views interface
- Creating lists of data with views
- Creating Slideshows
- Paragraph Module in Drupal
- Building any kind of Page with Paragraphs
- Understanding Drupal's Panels Module
- Creating a custom FrontPage with Panels module
- Panelizer Module
- Organic Groups Module
- Understanding Drupal's Rules module
- Drupal's Webform Module for Surveys

## Day 3

# Drupal Theme Development

- Introduction to theming basics
- Enabling themes and theme settings
- Translating a design into a Drupal theme (Knowledge from Day 1 will be crucial here)
- Creating the info file and adding CSS
- Customizing the page template
- Adding regions to the page template
- Customizing the node template
- Creating dynamic templates for specific node
- Adding JavaScript to a theme
- Tour of popular Page Template variables
- Adding a screenshot to your theme
- Creating Drupal Content and views to be used
- Conclusion to theming basics
- Introduction to Advanced Theming in Drupal
- Altering output generated by Drupal



## Day 4,5 & 6

**All the knowledge gained during the first three days will be used to build the following applications in Drupal without writing any code or very less code if ever needed.**

1. An online Jobs Portal
2. Online Registration System
3. A Website for an upcoming conference
4. Diary Dispatch System (File movement within organization)
5. Intranet for your organization