**WORDPRESS**

Word Press is an open source content management system, (CMS) which allows the users to build dynamic websites and blog. Word Press is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components. The Content Management System (CMS) is software which stores all the data such as text, photos, music, documents, etc. and is made available on your website. It helps in editing, publishing and modifying the content of the website. Word Press was initially released on 27th May, 2003 by Matt Mullen Weg and Mike Little. Word Press was announced as open source in October 2009.

Currently word press is the most popular website management system in use. Word press has also been used for other application domains. Word press is easily available for desktop use over internet as well as word press mobile application is also available. Word press provides a easy to use dashboard which display overview of the website. It is a collection of gadgets that provide information and give a glance overview of what's happening with your blog. You can customize your needs by using some quick links such as writing quick draft, replying to latest comment etc.

## Features

* **User Management** − It allows managing the user information such as changing the role of the users to (subscriber, contributor, author, editor or administrator, create or delete the user, change the password and user information. The main role of the user manager is authentication.
* **Media Management** − It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.
* **Theme System** − It allows modifying the site view and functionality. It includes images, style sheet, template files and custom pages.
* **Extend with Plugins** − several plugins are available which provides custom functions and features according to the users need.
* **Search Engine Optimization** − It provides several search engine optimization (SEO) tools which makes on-site SEO simple.
* **Multilingual** − It allows translating the entire content into the language preferred by the user.
* **Importers** − It allows importing data in the form of posts. It imports custom files, comments, post pages and tags.

Advantages

* It is an open source platform and available for free.
* CSS files can be modified according to the design as per users need.
* There are many plugins and templates available for free. Users can customize the various plugins as per their need.
* It is very easy to edit the content in word press.
* Media files can be uploaded easily and quickly.
* It offers several SEO tools which makes on-site SEO simple.
* Customization is easy according to the user's needs.
* Multilingual

Disadvantages

* Using several plugins can make the website heavy to load and run.
* PHP knowledge is required to make modifications or changes in the Word Press website.
* Modifying and formatting the graphic images and tables is difficult.
* Sometimes software needs to be updated to keep the WordPress up-to-date with the current browsers and mobile devices. Updating Word Press version leads to loss of data, so a backup copy of the website is required.

System Requirements for Word Press

* **Database** – My SQL 5.0 +
* **Web Server** −
  + WAMP (Windows)
  + LAMP (Linux)
  + XAMP (Multi-platform)
  + MAMP (Macintosh)
* **Operating System** − Cross-platform
* **Browser Support** − IE (Internet Explorer 8+), Firefox, Google chrome, Safari, Opera
* **PHP Compatibility** − PHP 5.2+