

About SPcits

SPcits is headquartered at **Delhi, India** with strong presence in **Singapore, Malasiya, United State of America and Canada**, apart from many other countries. The main activity of SPcits is to provide web solutions (Website Designing, Development, Promotion, Security) which is delivered to its clients **all over the world** .



Pioneers in Web Knowledge Domains

Apart from **Open Source**, We have been actively involved in training and implementation in many other **Web Knowledge Domains**. Some of them are:

- Online Marketing / SEO
- Web Security
- PHP/MySQL

Our Aim

World Wide Web is still a less explored field in the Indian technical domains. We aim to impart **practical knowledge** in World Wide Web to the budding technical workforce of the country. Information Security is the need of the day, and people having such skills are very much in demand. We aim to bridge the gap between the demand and supply of Web Professionals.

What is Open Source?

Denoting software for which the original source code is made freely available and may be redistributed with or without modification

The concept of open source and free sharing of technological information existed long before computers. For example, cooking recipes have been shared since the beginning of human culture. Open source can pertain to businesses and to computers, software and technology.

Why Open Source?

All software has source code. Open source software grants every user access to that code. Freedom means choice. Choice means power.

That's why we believe open source is inevitable. It returns control to the customer. You can see the code, change it, learn from it. Bugs are found and fixed quickly. And when customers are unhappy with one vendor, they can choose another without overhauling their entire infrastructure. No more technology lock-in. No more monopolies.

Imagine if all past knowledge was kept hidden or its use was restricted to only those who are willing to pay for it. Education and research would suffer. Publishing books or sharing information of any sort would become difficult. Yet this is the mentality behind the proprietary software model. In the same way shared knowledge propels the whole of society forward, open technology development can drive innovation for an entire industry.

Are there any Opportunities in Open Source?

As enterprises adopt more and more Open Source solutions, they seek employees with familiarity and competence in Open Source technologies. There are various ways in which a professional can progress in this domain. He can be a consultant to an organization which is implementing an Open Source solution like a mail server or security solution. On the other hand, there are organizations which are providing support and services for Open Source solutions and are also engaged in the development of such solutions. You can join organizations such as Red Hat or Sun Microsystems and work for the development as well as support for the product.

How can we learn after classes are over?

SPcits have tied up with **knowledgeplus.in**. Even after the course is over you can discuss your queries with other students and faculties of SPcits on the discussion forum at knowledgeplus.in. You can also write back to us at info@spcits.com

Is there any placement assistance?

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Take Aways

- Handout
- CD Containing Softwares
- Certificate

Our Training Methodology

Our Training Module is designed in such a way that reinforces the student to focus on self learning as well. Our Training Modules and Training classes are structured such that students have to take out time to research the tools and concepts that they have learned in Classroom/Online Training in order to complete the assignments.

What is PHP?

PHP (PHP Hypertext Preprocessor) is a scripting language developed allowing web developers to write pages quickly. For instance, updating site navigation or contact information or adding random quotes.

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What is WordPress?

WordPress is web software you can use to create a beautiful website or blog. We like to say that WordPress is both free and priceless at the same time.

Why WordPress?

Five main reasons:-

- Easy To Use
- Solid SEO
- Dynamic Content
- Inexpensive
- Powerful Social Media Tool

What is Joomla?

Joomla! is an open source content management system platform for publishing content on the World Wide Web and intranets as well as a Model–view–controller (MVC) Web application framework.

Why Joomla?

Once your Joomla! site is up and running, anyone with basic word processing skills can update it by adding content, managing images and keeping company-critical data up-to-date via a simple, browser-based interface. And because it's free and easy to use, you can focus your resources on the bit that really matters - the content.

What is Drupal?

Drupal is a free and open source content management system (CMS) written in PHP and distributed under the GNU General Public License.

Why Drupal?

Ten main reasons:-

- 1) Advanced URL Control
- 2) Custom Content Types and Views
- 3) Revision Control
- 4) Taxonomy
- 5) User Management
- 6) Page Titles and Meta Tags
- 7) Excellent Documentation
- 8) PHP Template
- 9) Drupal Cookbooks
- 10) Large and Friendly Community

What is Zencart?

Zen Cart™ truly is the art of e-commerce; free, user-friendly, open source shopping cart software. The ecommerce web site design program is being developed by a group of like-minded shop owners, programmers, designers, and consultants that think ecommerce web design could be and should be done differently.

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What is AJAX?

AJAX stands for Asynchronous JavaScript and XML. AJAX is not a new programming language, but a new way to use existing standards. AJAX is the art of exchanging data with a server, and update parts of a web page - without reloading the whole page.

Why AJAX?

AJAX is used to create more interactive applications. It significantly reduces the waiting time as for most of the actions performed by the user are handled without full page loading of the web page.

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- 19) Drupal Cookbooks
- 20) Large and Friendly Community

What makes php best career choice?

- It is very easy to learn and is taught in advanced level academic computer courses. However if you have not learnt it in your college days then you can learn it from private training institutions.
- PHP development in India has the biggest online community. It works to gather to add news features and functionality to PHP as a platform for web development. Communities are also useful to fresh coders because if in case a Fresh PHP developer in India is stuck in the middle of the coding then they can refer to these community sites to find the answers.
- Alternately if the answer is not found then the PHP developer in India can post the query on various community sites and forums. One of the many users will surely reply to the query.
- It is open source and this is one of the biggest benefits which boosts the PHP development in India industry. Open source means the PHP developer does not have to incur any expenses to start working on it. What you have to give is not money but your coding skills.
- When you have to develop a difficult application you can refer to various existing PHP examples. Most of them are a step by step guide and perfect to find information
- Amending applications using PHP is not at all difficult as it has the highest scalability ratio.

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SCOSC

SPcits Certified Open Source Consultant

Training Module

Eligibility :

- For B-tech 1st Year CS/IT/EC/EE/EI/Others
- BCA/BscIT/ 2nd year and 3rd year Students

Program FEE - Rs. 5000

Training Program Description

SCOSC (**SPcits Certified Open Source Consultant**) is designed specifically for fresh students who have basic knowledge of computer & have the desire to learn about open source. In this course, details regarding the basic as well as advance level of Open Source Softwares.

The Program covers various open source softwares for windows, linux and Web.

Prerequisites

Basic Knowledge of using computers and the Internet.

Course Fee

Rs.5, 000 (Including Taxes)

Week – 1

Introduction to Open Source

- What is open source?
- Benefits of open source?
- Policies, Rules & Regulations of open source

- Open Source Community
- Open Source Repository
- Difference between Free and Open Source
- Documentary over open source

Assignment For Week - 1

- Join the Open Source Communities
- Participate at-least any one of the Open-Source Software

Week - 2

Heavily used open source softwares

- Languages
 - i. PHP, Python, Pearl
 - ii. Java
 - iii. Other Languages
- Databases
 - i. MySQL
 - ii. Postgre SQL
 - iii. Other Databses
- Operating Systems
 - i. Linux
 - ii. Unix
 - iii. Different Flavors

Assignment For Week - 2

- Use Open-Source Operating System
- Use any Open-Source Language
- Use any Open-Source Software

Week - 3

Open Source Windows & Linux Applications

- i. Office Applications
- ii. Music Applications
- iii. Graphic Applications
- iv. Compressing Applications
- v. Designing Applications

Assignment For Week - 1

- Install and Use open source Software on Windows
- Install and Use open source Software on Linux

Week - 4

Open Source Web Applications

- i. Drupal
- ii. Joomla
- iii. WordPress

Assignment For Week - 4

- Install and use at-least one open source application on-line.

SCPP

SPcits Certified PHP Professional

Eligibility:

- For B-tech 2nd Year CS/IT/EC/EE/EI/Others
- BCA/Bsc-IT 3rd year Students
- MCA 1st Year

Program FEE - Rs. 6500

Training Program Description

SCPP (SPcits Certified PHP Professional) is designed specifically for 2nd year students who have basic knowledge of computer & have the desire to learn a web scripting or programming language. In this course, details regarding the basic as well as advance level of web programming will be explained along with basic knowledge of the Internet and web Servers.

The Program covers all aspects of web application development using PHP, MySQL enabling one to become a Web Application Development Professional.

Prerequisites

Basic Knowledge of using computers and the Internet.

SCPP Training Module

Week – 1

1) PHP Basics

- Introduction
- Getting Started
- Scripting Basics
- Flow control & Loops
- Arrays
- Working with Strings
- Functions
- File Handling
- Forms

Assignment For Week - 1

- iv. Install XAMPP
- v. Develop Simple PHP Application

Week - 2

1) Working with database

- iv. Introduction to database
- v. Working with database

Assignment For Week - 2

- vi. Develop PHP application which connects and uses MySQL DataBase

Week - 3

1) Create dynamic websites

- iv. Sessions
- v. Cookies

vi. Content management system

Assignment For Week - 3

vii. Design Simple Content Management System

Week - 4

1) Using Wordpress

vi. Downloading

vii. Installing

viii. Customizing

2) Using Joomla

ix. Downloading

x. Installing

xi. Customizing

Assignment For Week - 4

viii. Develop your personal word-press blog.

Week - 5

1) Using Drupal

xii. Downloading

xiii. Installing

xiv. Customizing

2) Using Zencart

xv. Downloading

xvi. Installing

xvii. Customizing

Assignment For Week - 6

ix. Install and use Zencart

Week - 6

1) Query Session

iv. Complete Course will be revised.

v. Any unsolved Query will be solved in this week.

SCWAD

SPcits Certified Web Application Developer

Eligibility :

- For B-tech 3rd Year CS/IT/EC/EE/EI/Others
- MCA 2nd Year

Program FEE - Rs. 7500

Training Program Description

SCWAD (SPcits Certified Web Application Developer) is designed specifically for 3rd year & 4th year students who have basic knowledge of computer & coding & have the desire to learn a web scripting or programming language. In this course, details regarding the basic as well as advance level of web programming will be explained along with basic knowledge of the Internet and web Servers.

The Program covers all aspects of web application development using PHP, MySQL, JavaScript and AJAX enabling one to become a Web Application Development Professional.

Prerequisites

Basic Knowledge of using computers and the Internet.

SCWAD Training Module

Week – 1

1) PHP / JavaScript Basics

- Introduction
- Getting Started
- Scripting Basics
- Flow control & Loops
- Arrays

- Working with Strings
- Functions
- File Handling
- Forms

Assignment For Week - 1

- x. Install XAMPP
- xi. Develop Simple PHP Application
- xii. Write simple JavaScript validation code for forms.

Week - 2

1) Working with database

- vi. Introduction to database
- vii. Working with database

Assignment For Week - 2

- xiii. Develop PHP application which connects and uses MySQL DataBase

Week - 3

1) Create dynamic websites

- vii. Sessions
- viii. Cookies
- ix. Content Management System

Assignment For Week - 3

- xiv. Design Simple Content Management System

Week - 4

1) AJAX

- xviii. JavaScript and PHP
- xix. JavaScript and MySQL

xx. Implementing AJAX

Assignment For Week - 3

xv. Write simple AJAX Application using PHP, MySQL, JavaScript

Week - 5

1) Using Drupal

vi. Downloading

vii. Installing

viii. Customizing

2) Using Joomla

ix. Downloading

x. Installing

xi. Customizing

3) Using Wordpress

xii. Downloading

xiii. Installing

xiv. Customizing

Assignment For Week - 5

xvi. Develop your personal word-press blog.

Week - 6

1) Query Session

- Complete Course will be revised.
- Any unsolved Query will be solved in this week.