

## 7. WordPress - Security and Mobile

### Programme Outline

**Job Role** - Wordpress Site Security Admin

- 7.1 Understanding and using the WordPress mobile pack and WP mobile detector
- 7.2 Hardening WordPress, implementing a firewall, blocking access and detecting hacks

## 8. WordPress - Visual Wordpress Design

### Programme Outline

**Job Role** - Graphic and Web Designer / UI Developer

- 8.1 Constructing, building, presenting and testing a theme
- 8.2 Adding site extras, setting up single post pages, archiving posts, handling search results and custom error pages
- 8.3 Mobile responsiveness, the different faces of WordPress on mobile
- 8.4 Design thinking; designing for many screen sizes and visualizing content realignment for better markup
- 8.5 Using FlexSlider and jQuery Masonry in your WordPress site the use of plugins



Address:

**IIHT-The Gambia**  
55 Kairaba Ave Fajara  
Website: [www.iihtgambia.com](http://www.iihtgambia.com)  
email: [info@iihtgambia.com](mailto:info@iihtgambia.com)  
Tel: 220-4382785 / 220-7001968 / 220-5044060

**Corporate Office:** No. 15, 4th Floor, Sri Lakshmi Complex, St. Marks Road, Bangalore - 560 001.

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**1. JOOMLA****Programme Outline****Job Roles** - Web Designer / Web Developer / Joomla Developer

- |                                       |                                                                    |
|---------------------------------------|--------------------------------------------------------------------|
| 1.1 Installing Wamp Server            | 1.19 Installing a New Template                                     |
| 1.2 Installing Joomla on local server | 1.20 Installing a New Plugin9                                      |
| 1.3 Installing Joomla on web server   | 1.21 Installing a New Component                                    |
| 1.4 Joomla Global Configuration       | 1.22 Understanding the concept of Joomla Positions                 |
| 1.5 Article Manager                   | 1.23 Changing the layout structure by changing the module position |
| 1.6 Archive Manager                   | 1.24 Understanding Basic Joomla Template                           |
| 1.7 Frontpage Manager                 | 1.25 Customizing Joomla Template                                   |
| 1.8 Section Manager                   | 1.26 Building Custom Joomla Template                               |
| 1.9 Category Manager                  | 1.27 Understanding templateDetails.xml File                        |
| 1.10 Media Manager                    | 1.28 Creating templateDetails.xml File using tmpl_builder          |
| 1.11 Menu Manager                     | 1.29 Linking CSS                                                   |
| 1.12 Component Manager                | 1.30 Linking Javascript                                            |
| 1.13 Content Manager                  | 1.31 Understanding <jdoc> include                                  |
| 1.14 Extensions Manager               | 1.32 Displaying content in XHTML                                   |
| 1.15 Module Manager                   | 1.33 Creating template installation package                        |
| 1.16 Plugin Manager                   | 1.34 Creating Custom Forms                                         |
| 1.17 Template Manager                 | 1.35 Changing the Form appearance using CSS                        |
| 1.18 Installing a New Module          |                                                                    |

**2. Drupal****Programme Outline****Job Roles** - Drupal Developer, Drupal Designer and Developer

- 2.1 Drupal Overview
- 2.2 Drupal Installation
- 2.3 Adding new modules
- 2.4 Updating new modules
- 2.5 Basic Drupal Modules Overview
- 2.6 Content Types
- 2.7 Content Creation Kit (CCK)
- 2.8 Users and Roles

**3. Building Social Networking Application in Drupal****Programme Outline****Job Roles** - Social Network site Developer / community building

- 3.1 Social Networking in Drupal Overview
- 3.2 User Profiles
- 3.3 Images and Photo Galleries
- 3.4 Forum
- 3.5 Buddylist/Friends
- 3.6 Groups
- 3.7 Events
- 3.8 Search Facility

**4. Creating multilingual sites in Drupal****Programme Outline****Job Roles** - Technical Architect - SOA / Project Manager - SOA

- 4.1 Modules for Multilingual Drupal
- 4.2 Content translation modules
- 4.3 Interface translation modules
- 4.4 Widgets and other modules
- 4.5 Machine translation modules
- 4.6 Setting up the languages
- 4.7 Domain vs url
- 4.8 Automatic language selection
- 4.9 Translating Nodes (pages, books, posts, etc.)
- 4.10 Translating other Entities
- 4.11 Language Switcher
- 4.12 Translating Menus
- 4.13 Translating Block Contents
- 4.14 Translation permission for translators
- 4.15 Tracking differences and updating translations
- 4.16 Helper modules and extras

**5. WordPress – Fundamentals****Programme Outline**

- 5.1 Understanding hosting options for your WordPress installs
- 5.2 Creating posts with images, image galleries, video's and links
- 5.3 Building new pages and customizing navigation
- 5.4 Extending functionality with plugins & themes
- 5.5 Best practice for managing users, site maintenance and se

**6. WordPress - Using Dreamweaver****Programme Outline****Job Role** - Website developer and designer / Graphic and Web Designer

- 6.1 Understand the wordpress structure, setup and activate themes and child themes
- 6.2 Work with web fonts throughout the text structure of your website
- 6.3 Understand wordpress plugins and styling plugin output
- 6.4 Set up the data in wordpress and adding dynamic data from wordpress to your web pages
- 6.5 Administer, export, import and test wordpress websites