

## Day 13 – Daily Diary (Training TR-102)

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**Name:** Prabhdeep Kaur

**URN:** 2435240

**CRN:** 2315289

**Institute:** Guru Nanak Dev Engineering College, Ludhiana

**Training Location:** STEP GNDEC, Ludhiana

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**Topic Covered:** Introduction to Drupal & Local Setup

◆ **What I Learned Today:**

On the thirteenth day of my training, I was introduced to **Drupal**, a powerful **content management system (CMS)** used to build dynamic and scalable websites. Drupal allows developers to manage website content, structure, and design efficiently without extensive coding knowledge.

The trainer explained the **key features of Drupal**, such as:

- Modular architecture that allows adding new functionalities using modules.
- Themes for customizing the website design and layout.
- Content types to manage different types of content like articles, blogs, and pages.
- User roles and permissions to control access to different parts of the website.

We also discussed why Drupal is widely used in web development: it is secure, flexible, and ideal for large-scale websites, including e-commerce, educational, and government websites. The trainer highlighted the difference between CMS platforms like WordPress and Drupal, focusing on Drupal's scalability and flexibility.

A major part of the session was **setting up Drupal locally** using XAMPP. I learned how to create a database for Drupal, configure the installation, and access the website through localhost. The session also included exploring the **Drupal admin panel**, which allows managing content, modules, themes, and user permissions efficiently.

◆ **Activities Performed:**

1. Installed Drupal locally using XAMPP and created a dedicated database.
2. Configured Drupal installation and accessed the local website through localhost.
3. Explored the **Drupal admin dashboard**, including menus for content, structure, appearance, and configuration.
4. Created different **content types** and added sample articles and pages.
5. Installed and enabled essential **modules** to add functionality, such as contact forms, image galleries, and menus.

6. Explored **themes** and customized the website's appearance by changing layouts, colors, and typography.
7. Set up **user roles and permissions** to control access levels for administrators, editors, and visitors.
8. Tested adding and editing content to understand Drupal's workflow.
9. Learned how to troubleshoot common installation and configuration issues.

◆ **Skills Gained:**

- Understanding the basic concepts and architecture of Drupal CMS.
- Ability to set up Drupal locally using XAMPP and configure the database.
- Knowledge of content types, modules, and themes for website development.
- Experience navigating and managing the Drupal admin panel.
- Ability to manage user roles and permissions effectively.
- Hands-on practice in creating and editing dynamic website content.
- Awareness of Drupal's flexibility and advantages for large-scale website projects.

**Reflection:**

Today's session was highly informative and hands-on. Learning Drupal gave me insight into how modern websites are built using CMS platforms without relying solely on coding. I understood that Drupal is a powerful tool for creating **dynamic, secure, and scalable websites** suitable for various purposes.

Setting up Drupal locally and working on content creation helped me understand the practical workflow of web development. I also realized the importance of modules, themes, and user management in making websites functional and user-friendly.

Overall, Day 13 strengthened my **CMS knowledge and practical web development skills**. This session will be very useful for managing content-driven projects and integrating front-end technologies like HTML, CSS, and JavaScript with a backend CMS like Drupal.