Vocational Training Contents

Subject : *LAMP [Linux, Apache, MySQL, PHP]*   **Course Fees :** Rs. 6000/- *

Duration : 80Hrs.

1. **GNU/Linux Introduction**

   [GNU/Linux Installation with Advanced Partitioning, Package Management]

2. **GNU/Linux Commands, services .**

   [File operations, Disk Usage and free usage, Mounting external devices, IPAddress, FTP server]

3. **Introduction to IDE**

   [Using NetBeans or Eclipse environment, Programming with the IDEs]

4. **Web Languages and their Usage**

   [HTML, CSS JavaScript, AJAX, where they best fit. Writing codes with them]

5. **Concept of Server Side Scripting**

   [Importance, Integration with WebServer, WebServer Configurations]

6. **Apache Web Server**

   [Intro, Hosting files, Name-Based Virtual Hosting, Using Authentication]

7. **Working with PHP**

   [Operators, Variables, Condition Checking, Different Looping mechanisms, Arrays]

8. **Advanced PHP**

   [Cookie management, Session handling, Passing variables using GET/POST methods, Functions, Objects, Inheritance, Classes]

9. **PHP and WWW**

   [Cookie and session managements, Configuring *php.ini* based on client requirement with contrast of Web Server and related Security Issues]

10. **Introduction to SQL and MySQL**

    [DBMS and RDBMS, Tables & Databases, Key (Primary/Candidate/Alternate/Super) Concepts, SQL as DDL, DML, DCL, Database/Table creation,, SQL queries, Altering structures of tables, Data storage inside tables, Relationships]

11. **Advanced MySQL**

    [MySQL storage Engines, Creating Database users, Permissions available to database users, Database backup and restoring.]

12. **MySQL Connectivity using PHP**

    [Create Databases/Tables using PHP, Storing/Retrieving data to/from database using, SQL queries embedded inside PHP programs, Generating Reports]

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(***** = *Service Taxes Extra*)