LUCKNOW UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

A SUMMER TRAINING
PROJECT REPORT
ON
E-LEARNING WEBSITE

Introduction to the Project – "E-Learning Website":

The "E-Learning Website" has been developed to override the problems prevailing in the practicing manual system. This website is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the administrator to carry out operations in a smooth and effective manner and the user to make selections smoothly.

Abstract:

The purpose of E-Learning Website is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same.

The required software and hardware are easily available and easy to work with.

Objectives:

The main objective of the E-Learning Website is to manage the details of – Students, courses and assignments. The website is totally built at administrative end and thus only the administrator is guaranteed the access.

- To remove the paperwork involved at various stages of learning like registration, study materials etc.

- To provide a chance to economically less-sound students to enhance their knowledge without paying any fees for doing so.

- To provide a chance to students living in remote areas having lesser knowledge resources to learn anything from their homes by using internet and laptops or Smartphone.

- To store all the records and information in secure databases.

- To make information management smoother for the administrator.

Modules:

- Registration Module: Provides a registration form to the user to fill his/her details. And provides the user-"user-id" and "password" on successful completion of the registration.
- Login Module: Validates the *user-id* and *password* (entered by the user) from the databases.
- Course-option Module: Provides the user different course options to choose from.
- Course Module: Provides the user all the necessary study materials of the course selected.

- Assignment Module: Provides different questions to the user on his/her request.
- Profile Module: Enables the user to view his/her information.
- Log-out Module: Provides the *log-out* facility to the user.
- Database Module: Manages all the database related operations.

Tools to be used in development:

- Front-end development: HTML-5, CSS-3, BOOTSTRAP and JAVASCRIPT.
- Back-end development: PHP and MYSQL.

System Specifications:

Minimum Hardware Requirements:

- Processor: Pentium(R) Dual-Core CPU.
- 20 GB hard disk space.
- 512 MB RAM for windows XP/windows7/windows8.

Software Requirements:

- WAMP (Windows, Apache, MySQL and PHP) server should be installed to run the website using *localhost*.
- Web Browser: Google Chrome/Mozilla Firefox/Internet Explorer 9 etc.

Conclusion:

This project is only a humble effort to provide students from various backgrounds a chance to upgrade their knowledge without paying for it. While doing so all their personal information will be stored in secure databases which are accessible only to the administrator.