

1. Certificate Course in Linux Apache MySQL PHP (LAMP) Course Code: ITSTCC02

Objective of the Course: The course is designed to help the students to understand LAMP.

Course Outcome: After successful completion of the course a student will be able to create a web application, handle database using open source software's such as Linux, Apache web server and PHP.

Minimum Eligibility Criteria: Preferably completed STCC01, Basic Computer Fundamentals, 10+2 & **Pre-requisites, if any** with basic knowledge of programming.

Course Duration: 3 Months

Course fees: Rs. 1000/- per month for three months.

Total marks: (100 + 100 + 100)

Syllabus:

Module I:

Linux introduction, Basic commands – ls, cp, mkdir, rmdir, grep. Linux web server, MySQL basics-database creation, adding and deleting tables, updating table.Executing Queries using MySQL, SQL administration.

Module II:

PHP basics-installation, creating arrays, functions, classes. Designing web page- hyperlinks, forms, image maps, CSS. MySQL connectivity, data manipulation in MySQL using PHP, Web Automation, Apache installation.

Module III:

Hands on Project