



## Asynchronous JavaScript & XML (AJAX) Course Syllabus

### Course Description:

The Asynchronous JavaScript & XML (AJAX) course covers the fundamentals of developing rich internet applications using AJAX (Asynchronous JavaScript and XML). The course also shows how AJAX applications behave more like desktop applications than traditional websites.

### Prerequisite Course(s):

- Web Fundamentals & HTML.
- JavaScript & Dynamic HTML.
- Developing Web Applications using Servlets & JSP

### Learning Objectives:

- To introduce the main differences between conventional web development and AJAX development.
- To arm the trainees with the necessary skills to develop basic AJAX applications.

### Course Outline:

- History of web applications and their evolution.
- Rich Internet applications.
- AJAX framework.
- XMLHttpRequest object.
- Basic communication techniques with the server.
- Interactions with XML files on the server.
- Implementing basic AJAX techniques.