

## Angular JS Course Curriculum:

### 1. > Introduction to JavaScript MVC Framework & AngularJS

**Learning Objectives** - In this module, you will understand the use of JavaScript MVC framework and why it is needed. You will also learn about the introduction to Angular Super Heroic JavaScript Framework.

**Topics** - About AngularJS, Uses of AngularJS, Introduction to JavaScript MVC Framework, Write your first program in Angular JS, Comparison between JavaScript Frameworks.

### 2. > Dependency Injection and Controllers

**Learning Objectives** - In this module, you will be understanding the dependency injection and ng-controller. You will also understand how to use nested controllers and share data between controllers.

**Topics** - Creating Controllers, Two Way Binding, Sharing data between Controllers, Inheritance, Dependency Injection.

### 3. > Route, Directive and Filters

**Learning Objectives** - In this module, you will understand different directives, filters and how to route and create nested routes.

**Topics** - Why use Routes, Creating Routes, Nested Routes, Directives, Filters, Creating Directives and Filters.

### 4. > Creating Custom Directives and Filters

**Learning Objectives** - In this module, you will understand the use of custom directive and filters in AngularJS application and you will learn to create custom directive and filters.

**Topics** - Custom Directives, Why Custom Directives, Creating and Using Custom Directives, Custom Filters, Creating and Using Custom Filters.

## 5. > Third Party AngularJS Modules and Testing Angular

**Learning Objectives** - In this module, you will understand the useful AngularJS module available in the market and learn to use the modules in application.

**Topics** - Modules & its necessities, Usage of angular-ui, Usage of ng-grid, Usage of angular-translate and Testing AngularJS.

## 6. > AngularJS with Node.js, Yeoman and Rest Exposure

**Learning Objectives** - In this module, you will understand the AngularJS directory structure, Introduction to Node.js, CRUD operation with AngularJS and Node.js.

**Topics** - Introduction to Node.js, Introduction to Yo Generator, Bower, Rest Exposure, Web Sockets and Push Notification.

## 7. > Project Discussion

**Learning Objectives** - In this module, we will do the end-to-end AngularJS project running on Node server.

**Topics** - Creating templates, Loading templates using route, Binding data to the view, Writing business logic and validations in controller and Exposing services, angular integration with MVC using Lamp Stack, Angular with Mean Stack.