**Day – 2 (Session - 2)**

1. Angular JS Services

**which covers the following**

* What are AngularJS Services.
* What are AngularJS Custom Services.
* Where do we write business logic in AngularJS.
* How to develop Angular JS Custom Services.
* How to use "factory" to develop Angular Custom Service.
* How to use "service" to develop Angular Custom Service.
* How to use "provider" to develop Angular Custom Service.
* How to provide configuration information to Angular Custom Service using "provider".
* How to consume Angular JS Custom Services in Controllers.
* How to do AJAX as part of Angular JS Custom Services.
* How to consume REST service using Angular JS Custom Service.
* How to use $log and $http as part of Custom Services.
* How to develop aync code (using callback functions).
* How to update $scope from Angular JS Custom Services.

**Highlights.**

1. Angular JS Routing

**which covers the following**

* What is Routing
* How does Routing work in Angular.js
* How to work with ngRoute in Angular.js
* How to configure routes using $routeProvider
* How to use ng-view
* How to create a (basic and) simple SPA app to demonstrate routing
* How to use redirection in routes
* How to make routes case insensitive
* How to use template/templateUrl/Controllers in route configuration
* How to use mandatory parameters with url
* How to get optional parameters in controller using $routeParams
* How to use $location.path(url).
* Use of caseInsensitiveMatch with routing configurations.
* Use of optional parameter along with mandatory ( /sumoptional/:a/:b/:c?/:d?).
* Use of redirectTo for routing to another location url (redirectTo: '/first-msg')
* Use redirectTo: function(params, path, search) params – optional or mandatory parameters, path – routing url and search – query parameters.