

Objectives and Course Content of Short Term Course

Operational Plan No.	ICT-23
Name of the Course	Application Development using Angular Java
Objectives of Course	<ul style="list-style-type: none">• To understand AngularJS- Architecture & Features• To be able to separate the model, view, and controller layers of your application• To learn Syntax and semantics of Angular Java• To develop single-page web applications with MVC design pattern.• To implement Ajax in your AngularJS applications
Course Content	<ul style="list-style-type: none">• Introduction to AngularJS- Architecture & Features• Basics of AngularJS programming - Development of a sample application• Controllers, Models, Views, Scopes• Expressions: ARRAY, Objects, \$eval, Strings• Filters: Currency, JSON, Number, Lowercase, Custom Filter• Directives: ng-init, ng-repeat, ng-app, ng-model• Custom Directives, Module• Events: ng-click, ng-show, ng-hide• Routing with Parameters: Single Page Application• AJAX Call using \$resource, \$http• Tables• Forms and Input Validation• How to include HTML File using ng-include
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