

**Instructor  
Notes:**

# Angular 2.0 for JEE

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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
16/02/2018	1.0	1.2	Rahul Vikash	

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## Course Goals and Non Goals

- Course Goals
  - Learning the fundamentals of AngularJS.
- Course Non Goals
  - Comparison with other MV\* frameworks like Backbone.JS, Knockout, EmberJS, Meteor, ExtJS
  - Writing unit tests and Integrated end to end test for Angular components



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### Pre-requisites

- HTML, JavaScript-OOPS & jQuery Basics

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**Intended Audience**

- Web application developers



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## Day Wise Schedule

- Day 1
  - Introduction to Typescript
  - Introduction to Angular 2
  - Components
  
- Day 2
  - Data Binding
  - Directives

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## Day Wise Schedule

- Day 3
  - Working with Forms
  - Service and Dependency Injection
  - HTTP Client
  
- Day 4
  - Pipe
  - Routing
  - Creating Angular2 & Spring Bootful Application

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**Table of Contents**

- **Introduction to Typescript**
  - Introduction to Typescript
  - Javascript & Typescript
  - The type system Variable, Array
  - Defining class and interface
  - Arrow Functions
  - Template Strings
  - Defining a module
  - Importing a module
  - Generics

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**Table of Contents**

- **Introduction to Angular 2**
  - What is Angular 2?
  - Why Angular 2?
  - What is node.js?
  - Scope and Goal of Angular 2
  - Installing and using Angular 2
  - Building Blocks of an Angular 2 Application
  - A Basic Angular 2 Application
  - Working with Angular 2 with Eclipse
- **Components**
  - What is a component?
  - Developing a simple component.
  - Templates for a component.
  - Component lifecycle

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**References**

- <https://docs.angularjs.org/guide>
- <https://docs.angularjs.org/api>



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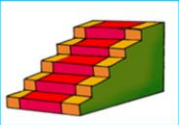
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**Next Step Courses (if applicable)**

- Creating Web application using MEAN (MongoDB, ExpressJS, Angular, NodeJS) Stack



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Other Parallel Technology Areas

- Backbone Js
- Ember Js
- Knockout Js

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