

# Angular 2.0 for JEE

Lesson 00 :



# 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





# Pre-requisites

- HTML, JavaScript-OOPS & jQuery Basics



# Intended Audience

- Web application developers





# Day Wise Schedule

## ➤ Day 1

- Lesson 01 : Introduction to Typescript
- Lesson 02 : Introduction to Angular 2
- Lesson 03 : Components
- Lesson 04 : Data Binding

## ➤ Day 2

- Lesson 05 : Directives
- Lesson 06 : Working with Forms
- Lesson 07 : Service and Dependency Injection
- Lesson 08 : Routing



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- Lesson 01 : Introduction to Typescript
  - Introduction to Typescript
  - JavaScript & Typescript
  - The type system-Variable, Array
  - Defining class and interface
  - Arrow Functions



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## ➤ Lesson 02 : 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

## ➤ Lesson 03 : Components

- What is a component?
- Developing a simple component.
- Templates for a component.
- Component lifecycle



# References

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







# Next Step Courses (if applicable)

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



# Other Parallel Technology Areas

- Backbone Js
- Ember Js
- Knockout Js