



# Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)  
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



**INFORMATION TECHNOLOGY DIVISION**

**PROFESSIONAL DEVELOPMENT PROGRAMME**

## Web Development Using **ANGULAR JS**



**22 – 25 Jan 2018**



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

**Centre for Promotion of Professional Excellence**

## Introduction

**AngularJS** is a structural framework for dynamic web apps. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application's components clearly and succinctly. Angular's data binding and dependency injection eliminate much of the code you currently have to write.

You will learn about the concepts of AngularJS, JavaScript, MVC Framework. This Training covers various AngularJS module in third party, controllers, routes, filters, Node.js, Dependency Injection and Integration with MVC. It includes features of data binding and dependency injection to reduce coding efforts.

The Engineering Staff College of India (ESCI) has therefore considered to conduct a Training Programme on "Web Designing using **AngularJS**". This training help the professionals acquire gives an understanding of technology and applications of the Internet as well as website development, performance and security issues.

## Objectives

- To develop applications that are distributed across the network
- To Create a dynamic web application using **AngularJS**.

## Course Coverage

- Developer Environment Setup
- TypeScript Vs Javascript ES2015
- Angular Directives
- Angular Components
- Modules
- Templates
- Custom Directives
- Pipes
- Animations
- Services
- Dependency Injection
- Lifecycle Hooks
- Change Detection
- Forms
- Routing and Navigation
- Asynchronous Operations
- HttpClient
- Angular Material
- Testing
- Security
- Internationalization (i18n)
- Ahead-of-Time Compilation (AoT) and Deployment

**Training Prerequisites:** All **AngularJS** training attendees must be fluent in HTML.

## Methodology

Methodology of the programme includes class room sessions with Hand-on Practical, Lecture / Discussion with audio visual aid, bench marked video shows, chalk & talk sessions, group discussions, case studies, debates, sharing of experiences etc. All the sessions will be interactive demanding active participation from all the members.

## Target Participants

- Professionals working in the field of software development, Web Administrators, Programmers, Application Developers, Web developers in IT departments.
- IT Managers, Systems Managers, Scientists, Engineers and Consultants working in governmental, defense, public, private sector organizations.
- Professors, Faculty and Technical staff of engineering and MCA colleges who would like to gain knowledge and expertise in web technologies.

## Benefits to the participants

After completing this course, the Participant will be able to:

- Understand the internet architecture
- Hands – On experience on Dynamic Web Application development using **AngularJS**
- Implement the security procedures on the Internet

## Programme Venue, Dates & Timings

**Venue:** Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. Telangana, India.

**Dates:** 22 - 25 Jan, 2018

**Timings:** On the first day Registration will commence at 09:00 hrs. On all other days the programme timings will be from 09:45 – 17:15 hrs with breaks in between for tea and lunch.

## Course Director



**Mr. Syed Azgar , MBA(IT), RHCE, MCSA**  
Faculty & Manager-IT,  
Information Technology Division,  
Engineering Staff College of India, Hyderabad.

## Course Fee

₹ 20,000/- (**Residential Fee**) per participant. Fee includes course material, course kit, twin-sharing / single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks during the actual days of training programme.

## DISCOUNTS

- ❖ **Non – Residential Fee** - 10% discount on course fee is allowed for non- residential participants.
- ❖ **Group Discount** - Additional 10% discount for three or more participants if sponsored by the same organization

(All discounts are applicable only if fee is received at ESCI before commencement of the programme)

**GST @18%** is to be paid extra and above the training fee as training. **PAN Card No.** AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made by **Electronic Fund Transfer (EFT)** to ESCI – **Axis Bank** A/c No. **912010049234564** with The Axis Bank Ltd, Old Mumbai Hwy, Cyberhills Colony, P Janardhan Reddy Nagar, GachiBowli Hyderabad-500032 by NEFT/ RTGS/ IFSC Code No. UTIB 0000733 – MICR No.500211020. **While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.**

## Registration

Online registration shall be available on ESCI **web portal** : [www.escihyd.org](http://www.escihyd.org).

To register **manually** please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to :

## The Head

**Information Technology Division**

**Engineering Staff College of India**

**Gachi Bowli, Hyderabad – Telangana 500 032**

**Phone: 040 – 66304100 (EPABX) 66304123/24/25 (Direct), Fax: 040 - 23000336**

**Email: [it@escihyd.org](mailto:it@escihyd.org), web portal: [www.escihyd.org](http://www.escihyd.org)**

**A Certificate of participation will be awarded to each participant on conclusion of the programme.**

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participants.