

## ABOUT THE COLLEGE

Ramco Institute of Technology is founded by Shri P.R. Ramasubrahmaneya Rajha, Founder Chairman, RIT in the year 2013 with a vision to impart high quality engineering education. Our Chairman Shri.P.R.Venketrama Raja rapidly flourishes the learning environment by encouraging students to pursue online courses from prominent foreign universities and motivating them to do Inter-disciplinary projects with creation of Innovation Hub and Research laboratories with tie-up from Multi-National Corporates. The College is situated in the foothills of Western Ghats, 5 Kms from Rajapalayam Bus stand in Ayyanar Kovil Road. College has a very good learning atmosphere facilitated by high quality teaching by well-qualified and experienced faculty members, e-learning modules with smart classrooms, emulating IIT system of education.

## ABOUT THE DEPARTMENT

The Computer Science and Engineering Department is established with a mission to become a Centre of Excellence. The faculty members of the department deliver skills to students through 360° teaching-learning environment which includes deployment of Moodle, Video Tutorials from NPTEL, Spoken Tutorial which are all streamlined with NMEICT. Computer centers of the department provide Central Computing facility across 1000+ nodes which are backboned by IBM 8 Blade Servers and Juniper Networks. Nodes have communication outlet with a speed of 108 Mbps dedicated leased line facility which can be accessed in both wired and Wi-Fi environment. The faculty members of the department impart knowledge through curriculum based formal education and industry focused informal education which enhances the aptitude skills of the students and make them readily employable. The Department facilitates the faculty members and students to pursue online courses from prominent foreign universities like MIT Edx, HarvardX etc.

## PROGRAMME OBJECTIVES

Now a days, AngularJS is a structural framework for skilled developers to design dynamic web application. This arena requires a mind shift for most traditional web based application to Single page application. This workshop will walk the students, academicians and developers very quickly the basics of AngularJS, also cover some of the advanced concepts around services, directives and etc. in hands on mode.

## PROGRAMME CONTENTS

1. Basics of Web Application
  - a. About web application & its components
  - b. Request and Response flow
  - c. 3 - tier Architecture
  - d. MVC pattern
  - e. JS libs and frameworks
2. Single Page Application
  - a. About Single page application
  - b. Key components of SPA
  - c. Pros and Cons
  - d. Request and Response flow
  - e. MVC pattern in UI
  - f. Best practices
3. JQuery
  - a. About JQuery & its Key Components
  - b. HTML/CSS Manipulation
  - c. AJAX - in jquery
  - d. Events
  - e. Utilities
  - f. Best practices
4. AngularJS (1.6.\*)
  - a. About Angular JS & its Core features(MVC, Directives, Data Binding, Controller, Scope, Services, Filters, Routing, AJAX, Dependency Injection)
  - b. Pros and Cons
5. Angular 4/5/6
  - a. About Angular 4/5/6
  - b. Angular CLI & NPM
  - c. Env and Project Setup
  - d. Components
  - e. Module
  - f. Data Binding
  - g. Event Binding
  - h. Templates

## FOUR DAYS WORKSHOP

ON

# AngularJS

21,28 July, 2018

&

11,18 August, 2018



Co-ordinators

Mr.M.Gomathy Nayagam

Mrs.B.Vijayalakshmi

Organized by

Department of Computer Science  
and Engineering,

Ramco Institute of Technology,

Rajapalayam - 626 117

Tel.No. 04563 233412



## REGISTRATION

- \* Registration Fee—**Rs.800**
- \* Selection will be made on First come First serve basis and is limited to **twenty students**.
- \* Selected Candidates will be intimated through e-mail only.
- \* If selected, students should attend the training program in full without Fail.
- \* No TA/DA will be provided
- \* Certificates will be issued to candidates who attend the program in full.
- \* Students who wish to attend should submit the filled-in registration form and the attached declaration form forwarded by the Head of the Institution to the address by courier on or before **19<sup>th</sup> July 2018**.
- \* Soft copy of the filled-in application can also be e-mailed.

## RESOURCE PERSONS

Eminent persons from industries will deliver the lectures and practical sessions.

## For further Information Contact

The Co-ordinator  
Workshop on AngularJS  
Department of Computer Science and Engineering  
Ramco Institute of Technology  
Rajapalayam- 626 117  
Email: gomathynayagam@ritrjpm.ac.in,  
vijayalakshimib@ritrjpm.ac.in  
Phone: +91 4563 233400, 412  
Mobile : 9965672393,9597375149

## WORKSHOP ON ANGULARJS

**21,28 July, 2018**

**&**

**11,18 August, 2018**

## REGISTRATION FORM

Name:

Age, DOB & Gender:

Degree & Branch:

Year of Study:

College:

Address for Communication:

Contact No.:

E-mail ID:

Accommodation required: Yes / No.

I hereby declare that the above furnished information is true to the best of my knowledge, and I will abide by the rules and regulations governing Seminar in time. If selected, I will attend the program in full. I also undertake the responsibility to inform the Co-ordinator well-in advance in case of inability to attend the program.

**Signature of the participant with Date**

**Forwarded and Recommended**

**Signature & Seal of  
the Head of the Institution**

## ORGANIZING COMMITTEE

**CHIEF PATRON:**

**Shri P.R.Venketrama Raja  
Chairman, Ramco Group**

**CHAIR**

**Dr.N.Jawahar  
Principal,  
Ramco Institute of Technology**

**CONVENOR**

**Dr.K.Vijayalakshmi  
Professor and HOD, CSE  
Tel.No. 9486604522, 04563 233412**

**Co-ordinators**

**Mr.M.Gomathy Nayagam,  
Assistant Professor (S.G.) / CSE  
Tel. No. 9965672393**

**Mrs.B.Vijayalakshmi,  
Assistant Professor / CSE  
Tel. No. 9597375149**

**Venue:**

**Computer Centre III,  
Department of Computer Science  
and Engineering**

## IMPORTANT DATES:

**Submission of Application : 19.07.2018**

**Intimation of Selection : 20.07.2018**

**Confirmation by Participants: 20.07.2018**