

### **ABOUT THE COLLEGE**

Ramco Institute of Technology is founded by Shri P.R.Ramasubrahmaneya Rajha, Chairman, Ramco Group in 2013 with a vision to impart high quality engineering education. It is situated in the foothills of Western Ghats, 5 Kms from Rajapalayam Bus stand in Ayyanar Kovil Road. The College provides a world-class infrastructure and facilities to both our students and staff members. It 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 Department of Electronics and Communication Engineering was established in 2013 with a vision to develop competent professionals to meet the global challenges in modern engineering society. At present, it offers a 4-year B.E. Electronics and Communication Engineering Programme with a sanctioned intake of 120 students. The laboratories are equipped with latest technology in the field of Electronic Devices and Circuits, Digital Electronics, Linear Integrated Circuits, Microprocessor and Microcontroller, Communication Systems, Digital Signal Processing and Embedded Systems that offers opportunities to work on a wide range of advanced software packages. It has a team of committed faculty members and encompasses professional associations such as Students Technical Association "Electronica", IETE, ISTE chapters which provide the students, a platform to learn professional and soft skills.

### **ABOUT THE WORKSHOP**

#### **TIME FOR US TO CHANGE TO PORTABLE LABS**

Analog Discovery 2–NI Edition transforms any PC into an electrical engineering workstation. It provides two-channel oscilloscope, Arbitrary Waveform Generator, Logic Analyzer, Digital Pattern Generator, Spectrum Analyzer, Network Analyzer and Protocol Analyzer. With this portable devices, Students can complete labs outside the confines of traditional laboratory time and Professors can offer more opportunities to experiment with concepts that traditionally have involved only theoretical discussion. Computer-based measurement is the need of the hour, which has become more prevalent in the industries.

The objective of this workshop is to provide LabVIEW integration for post processing which is highly required for DSP lab and provides an opportunity to build Virtual/ Remote lab capabilities so that we can perform experiment from any-where, any time.

#### **PROGRAMME CONTENTS**

##### **The following topics will be covered**

- Introduction to Graphical Programming Language
- Basic Electronic Circuit design using AD2
- Interfacing AD2 with LabVIEW
- Hands-on training on DSP Lab Experiments – R2017
- Case Study about Virtual Lab at SIT Tumkur

#### **RESOURCE PERSONS**

Engineers from **National Instruments, India**

## **Hands-on Training on Analog Discovery Kit**

**22<sup>nd</sup> June 2019**

**Organized by**



**DEPARTMENT OF ECE  
RAMCO INSTITUTE OF TECHNOLOGY**

**North Vengannallur Village**

**Rajapalayam - 626 117.**

**Phone : 04563 - 233414**

in Association with

**National Instruments, India**



## REGISTRATION DETAILS

- There is No Registration Fee
- Preference will be given to young and dynamic faculties who are working in colleges affiliated to Anna University
- Selection will be made on First come First serve basis and is strictly restricted to 30 with a maximum of 20 External participants
- Selected Candidates will be intimated through e-mail only
- Tea and Working Lunch will be provided
- No TA/DA will be provided
- Certificates will be issued to candidates who attend the program

## HOW TO APPLY

The applicants should send their registration form in the specified format on or before 18.06.2019. Selected candidates will be intimated through e-mail only. Soft copy of the filled-in application can also be e-mailed to [ritecepgm@ritrjpm.ac.in](mailto:ritecepgm@ritrjpm.ac.in).

## FOR FURTHER INFORMATION CONTACT

The Co-ordinators,  
Department of ECE,  
Ramco Institute of Technology,  
Rajapalayam- 626 117.  
Email: [ritecepgm@ritrjpm.ac.in](mailto:ritecepgm@ritrjpm.ac.in)  
Phone: 04563-233414  
Mobile No.: +91-7598346135, 8300747580

**Hands-on Training on  
Analog Discovery Kit  
22<sup>nd</sup> June 2019**

## REGISTRATION FORM

Name :  
Age & Gender :  
Qualification :  
Designation :  
Department :  
Institution :  
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 of training program.

**Signature of the Participant with Date  
Forwarded and Recommended**

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

## ORGANIZING COMMITTEE

### CHIEF PATRON

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

### PATRON

**Dr.L.Ganesan  
Principal  
Ramco Institute of Technology**

**Dr.S.Rajakarunakaran  
Vice-Principal  
Ramco Institute of Technology**

### CONVENOR

**Dr.S.Periyayagi  
Professor & Head/ECE**

### CO-ORDINATORS

**Mrs.R.Chitra  
Assistant Professor/ECE**

**Mr.R.Deiva Nayagam  
Assistant Professor/ECE**

### VENUE

**Seminar Hall  
Department of ECE**

### IMPORTANT DATES

**Submission of Application : 18.06.2019**

**Intimation of Selection : 19.06.2019**