

ABOUT THE COLLEGE

Ramco Institute of Technology was founded by Shri P.R.Ramasubrahmaneya Rajha, founder Chairman of Ramco Group in 2013 with a vision to impart high quality engineering education. It is situated at the foothills of Western Ghats, 5 kms from Rajapalayam Bus stand in Ayyanar Kovil Road. The College provides world-class infrastructure and facilities to both the 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 thereby emulating IIT system of education.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2013. Currently, it offers a 4-year Bachelor of Engineering degree programme in Electrical and Electronics Engineering following Anna University curriculum. The curriculum broadly covers important fields such as Power System, Control System, Electromagnetic Fields, Analog and Digital Electronics, Power Electronics, Electrical Machines and Drives, and High Voltage Engineering. The department has dedicated and state-of-the-art laboratories to cater to the academic and research activities. The laboratories are well equipped with computational facilities and resources both in terms of hardware and software. The department has on its roll well qualified and experienced faculty members, supporting staff and modern infrastructure in the form of elegant and smart classrooms, spacious laboratories, latest machinery and equipment.

OBJECTIVE OF THE PROGRAMME

The objective of the workshop is to:

- Get familiar with "Open Source Embedded Development Board".
- Understand the integrated development environment and basic programming concepts using Arduino Board.
- Design interfacing circuits for various sensors and other peripherals.

PROGRAMME CONTENTS

The following topics will be covered:

- Introduction to Arduino Programming & Overview and Features of Arduino Boards.
- Demonstration of interfacing circuits for LED, Buzzer, IR sensor, Temperature sensor, Flame sensor, LCD.
- Design and program for various mini projects using Arduino programming and hardware.

EXPERTS

The following Resource persons from our institution will deliver the lectures.

- Mr. A. Arun Kumar,
Assistant Professor/EEE,
Ramco Institute of Technology,
Rajapalayam.
- Mrs. S. Jeyanthi,
Assistant Professor/EEE,
Ramco Institute of Technology,
Rajapalayam.



**Ramco Institute of Technology
Rajapalayam - 626117**

ONE WEEK FINISHING SCHOOL PROGRAMME
(for Students of Class IX, X, XI, XII)

on

**"Hands-on Training on
Arduino Programming and
Hardware"**

22.04.2019 to 26.04.2019



**Organized by
Department of Electrical & Electronics
Engineering,
RAMCO INSTITUTE OF TECHNOLOGY
(An ISO 9001:2015 CERTIFIED INSTITUTION)
Rajapalayam - 626 117
Tel: +91 4563 233 400, 413
Website: www.ritrjpm.ac.in**

**&
In association with
Institute of Electrical and Electronics
Engineers (IEEE)
RIT IEEE Students Branch - STB11408**

REGISTRATION

- There is No Registration Fee.
- This programme will be useful for the students of Class IX, X, XI, XII.
- Selection will be made on first Come, first serve basis and is limited to thirty candidates.
- Selected candidates will be intimated through e-mail or Telephone only.
- If selected, the participants should attend the training programme in full.
- Transport for local areas will be provided.
- Tea and Working Lunch will be provided.
- The participants who wish to attend should submit the filled-in registration form forwarded by the Headmaster / Principal by post/email on or before 15.04.2019.
- For online Registration: [click here](#)
- **Address for Correspondence:**
The Coordinator,
Hands-on Training on Arduino Programming and Hardware,
Department of EEE,
Ramco Institute of Technology
Rajapalayam - 626 117.
Email: fdpeee@ritrjpm.ac.in
Phone: +91 4563 233413, +91 98430 80689

Finishing School Programme on "HANDS-ON TRAINING ON ARDUINO PROGRAMMING AND HARDWARE" 22.04.2019 to 26.04.2019

REGISTRATION FORM

Name :

Age & Gender:

Class :

School Name :

Communication address:

Mobile :

E-mail :

Boarding point:

DECLARATION BY THE PARTICIPANT

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. If selected, I will attend the program in full.

Place:

Date:

Signature of the participant

Forwarded and Recommended

Signature & seal
Head of the School

CHIEF PATRON

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

PATRONS

Dr. N. Jawahar
Principal, RIT

Dr. S. Rajakarunakaran
Vice-Principal, RIT

CONVENOR

Dr. S. Kannan,
Professor & Head,
Department of Electrical and
Electronics Engineering

CO-ORDINATOR

Mr. A. Arun Kumar,
Mrs. S. Jeyanthi,
Assistant Professor,
Department of Electrical and
Electronics Engineering

Venue: Power System Simulation
Laboratory, RIT

IMPORTANT DATES:

Last Date for Submission of
Application form : 15.04.2019

Intimation of Selection : 16.04.2019

Confirmation by Participants : 20.04.2019