

## ABOUT THE COLLEGE

Ramco Institute of Technology is founded by Shri P.R. Ramasubrahmaneya Rajha in 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

The objective of the Programme is to provide a platform for students finishing their school education to have basic knowledge in programming concepts. This finishing school programme is intended for dynamic, competitive students of X, XI, XII standards to enhance their logical, problem solving and programming skills in Computer programming languages like C, C++, Python. This Programme is organized with a special focus on encouraging the students to pursue professional career after school Education. The Students can also participate in a special career counseling lectures by Professors and Academicians. The participants will be given hands-on session and mini-projects to improve their practical skills. The students can opt for any one programming language (C/C++/Python).

## PROGRAMME CONTENTS

### C Programming

- Basics of C Programming
- Control Structures
- Arrays, Functions
- Strings, Pointers

### C ++ Programming

- Objects and Classes
- Arrays and Operator Overloading
- Functions, Virtual Functions
- Inheritance
- Templates and Exception

### Python Programming

- Data, Expressions, Statements
- Control Flow
- Functions
- Lists, Tuples
- Dictionaries, Packages

## ONE WEEK FINISHING SCHOOL PROGRAMME (for Students of Class X, XI, XII in State Board/Matric/CBSE schools)

on

## COMPUTER PROGRAMMING (C / C++ / Python)

07<sup>th</sup>-12<sup>th</sup> MAY, 2018

## INFORMATION BROCHURE

Convenor  
Dr.K.Vijayalakshmi

Co-ordinators  
Mr.R.Balaji Ganesh  
Mr.R.Venkatesh  
Mrs.M.Swarna Sudha



Department of Computer  
Science and Engineering,  
Ramco Institute of Technology,  
Rajapalayam- 626 117  
Tel.No. 04563 233412

## REGISTRATION

- There is No Registration Fee.
- Students can enroll for any one of the Programming language as they wish.
- There will be three batch of program scheduled in parallel.
- Selection will be made on First-come First-served basis and is limited to Forty seats per batch.
- Selected Candidates will be intimated through e-mail or Telephone only.
- If selected, Students should attend the program in full
- Working Lunch will be provided
- No TA/DA will be provided
- Certificates will be issued to all the candidates who attend the program in full.
- Students who wish to attend should submit the filled-in registration form forwarded by the Head of the School to the address by courier/ email/School representative on or before **04<sup>th</sup> May, 2018.**
- Soft copy of the filled-in application can also be e-mailed to [programming@ritrjpm.ac.in](mailto:programming@ritrjpm.ac.in).

### For further Information Contact

The Coordinator  
Finishing School Course  
Department of Computer Science and Engineering  
Ramco Institute of Technology  
Rajapalayam- 626 117  
Email: [programming@ritrjpm.ac.in](mailto:programming@ritrjpm.ac.in)  
Phone: +91 4563 233400, 233412

## Finishing School Course on Computer Programming 07<sup>th</sup> - 12<sup>th</sup> MAY, 2018

### REGISTRATION FORM

Name:

Age, DOB:

Gender:

Name of the School:

Class of Study:

Programming Course of Choice (Please Tick):

C       C++       Python

Address for Communication:

Contact No.:

E-mail ID:

I hereby declare that the above furnished information is true to the best of my knowledge.

**Signature of the Student**

**Forwarded and Recommended**

**Signature & Seal  
of the Head of the School**

## ORGANIZING COMMITTEE

### CHIEF PATRON:

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

### CHAIR

**Dr.R.Venkat Raj,**  
Chief Educational Officer,  
Ramco Group of Institutions

**Dr.R.V.Mahendra Gowda**  
Principal  
Ramco Institute of Technology

### CONVENOR:

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

### CO-ORDINATORS:

**Mr.R.Balaji Ganesh,**  
Assistant Professor (S.G.) / CSE  
Tel. No. 8220037222

**Mr.R.Venkatesh**  
Assistant Professor (S.G.) / CSE  
Tel. No. 9942348379

**Mrs.M.Swarna Sudha**  
Assistant Professor (S.G.) / CSE  
Tel. No. 9787761230

### Venue:

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

### IMPORTANT DATES:

**Submission of Application : 04.05.2018**  
**Intimation of Selection : 05.05.2018**  
**Confirmation by Participants: 05.05.2018**

**RAMCO INSTITUTE OF TECHNOLOGY**  
**North Venganallur, Rajapalayam – 626 117**  
**Department of Computer Science and Engineering**

**Finishing School Course on Computer Programming**  
**07<sup>th</sup> - 12<sup>th</sup> MAY, 2018**

**REGISTRATION FORM**

Name:

Age, DOB:

Gender:

Name of the School:

Class of Study:

Programming Course of Choice (Please Tick):

C

C++

Python

Address for Communication:

Contact No.:

E-mail ID:

I hereby declare that the above furnished information is true to the best of my knowledge.

**Signature of the Student**

**Forwarded and Recommended**

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