

# IoT

Internet of Things defined as the infrastructure of the information society. The IoT allows objects to be sensed and controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit. When IoT is augmented with sensors and actuators, the technology becomes an instance of the more general class of cyber physical systems, which also encompasses technologies such as smart grids, smart homes, smart cities and intelligent transportation.

## ELIGIBILITY

Faculty, Ph.D Scholars and students from Engineering Colleges.

## REGISTRATION FEE

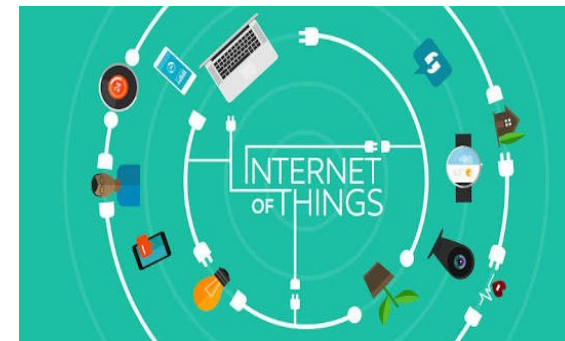
1. Students & Researchers	Rs. 600/-
2. Faculty Members	Rs. 750/-
3. Industry Persons	Rs.1000/-

## MODE OF PAYMENT

Payment by Cash / DD drawn in favor of "The Principal, Velammal Engineering College, Chennai".

## IMPORTANT DATES

Submission of Application	: 12.08.2016
Intimation of Selection	: 16.08.2016
Confirmation to participants	: 19.08.2016



## REGISTRATION FORM

Name :

Qualification :

Designation :

Gender:

Experience : Teaching .....Yrs, Industry .....  
Yrs

Organization :

Communication Address:

Pin:

Phone numbers (With STD Code):

Mobile :

E-mail :

Details of Registration Fee:

Draft No.....Date.....Amt.Rs.....

Name of the Bank.....

## TOPICS TO BE COVERED

- 3 Introduction to IoT & IoT Device Domain Techniques.
- 3 IoT Application development -Hands On
- 3 Integration of Cloud & IoT - Hands On
- 3 IoT - Data Management
- 3 Security Issues in IoT - Demo

## RESOURCE PERSONS

**Dr. Swarna Ravindra Babu**  
Director, Coovum Systems & Service Pvt Ltd.

**Dr. Balaji Ganesan**  
Professor, Tifac Core  
Velammal Engineering College

**Hands On Training by:**

**Trident Tech Lab**  
**LAESR Lab**

## DECLARATION OF THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the programme.

Place:

Date:

Signature of the Candidate

Signature of the HOD / Principal with seal

## ADDRESS FOR COMMUNICATION

**Dr.V.Latha**, Professor

**Contact No:** 9841070218

**N.Hemavathy**, Asst. Professor

**Contact No:** 9444282093

**V.P.Kavitha**, Asst. Professor

**Contact No:** 9445257427

Dept. of Electronics and  
Communication Engineering,  
Velammal Engineering College,  
Ambattur-Redhills road,  
Surapet, Chennai – 600 066.

**Phone:** 044-39666020

**E-mail :** vec.ece.ws.2016@gmail.com

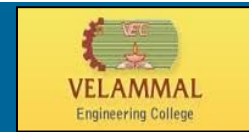
**Website :** www.velammal.edu.in

## ABOUT THE INSTITUTE

Velammal Engineering College (VEC) was established during 1995-1996. VEC is approved by AICTE and affiliated to Anna University. It is accredited by NAAC. It offers 8UG, 8PG and several research programmes leading to Ph.D degrees. VEC has several centers of excellence and Research labs. The College has signed MoU with industries and research organizations in-order to promote closer interaction in the areas of technology development, training of students, curriculum updation and development of state-of-art centers. The College is well-equipped with laboratories for all branches. Due to the excellent academic climate in the campus, UG and PG students of our College enjoy good campus placement prospects.

## ABOUT THE DEPARTMENT

The B.E Electronics and Communication Engineering program was started during the academic year 1995-1996. The programme is accredited by NBA. The M.E Applied Electronics program is also being conducted by our Department. It is well equipped with laboratories with modern Hardware components and Software accessibility to cater to the academic needs of Students and Staff. The Faculty members are actively engaged in research activities in the areas like Wireless Communication, Networking, Signal Processing, Advanced Image Processing, Embedded and VLSI technologies. To inculcate the research habit among students, more seminars, symposium and workshops have been conducted in latest topics on regular basis.



## TWO DAYS NATIONAL WORKSHOP

On

## IoT-Design, Implementation and Future Prospects

**26-08-2016 & 27-08-2016**

**Convener**

**Dr.R.KANTHAVEL**

**Prof. & HOD / ECE**

**Coordinators**

**Dr.V.Latha**

**N.Hemavathy**

**V.P.Kavitha**



**Organized By**

**Department of Electronics and  
Communication Engineering,**

**Velammal Engineering College,**

**Ambattur- Redhills Road,**

**Surapet, Chennai– 600 066.**