

### Chief Patron

**Shri M.V. Muthuramalingam,**  
Chairman, Velammal Educational Trust

### Patrons

**Shri. M.V.M. Velmurugan,**  
CEO, Velammal Engineering College

**Dr. L. Jawahar Nesan,**  
Advisor, Velammal Engineering College

**Dr. N. Duraipandian,**  
Principal, Velammal Engineering College

### Organizing Secretary

**Dr. B. Venkatalakshmi,**  
Chief Coordinator, TIFAC-CORE, VEC

### Convener(s)

**Mr. A. Pravin Renold,** TIFAC-CORE, VEC  
&  
**Mr. R. Ganesan,** TIFAC-CORE, VEC

### Organizing Committee

**Dr. A. Balaji Ganesh,** TIFAC-CORE, VEC  
**Mr. Ranjith Balakrishnan,** TIFAC-CORE, VEC  
**Ms. Anitha Julian,** TIFAC-CORE, VEC  
**Mr. S. Vijayakumar,** TIFAC-CORE, VEC  
**Mr. V. Saravanan,** TIFAC-CORE, VEC

### Registration Details

Participants are requested to send the duly filled registration form along with Demand Draft in favor of 'Velammal Engineering College' payable at Chennai.

#### The registration fee is as follows:

Industry Delegates	- Rs. 1000/-
Academic Staff/R&D Personnel	- Rs. 900/-
Students	- Rs. 750/-

The registration fee includes workshop materials and working period lunch.

Accommodation is available to a limited number of participants on request and extra payment of Rs. 200/- per day.

Please visit <http://tifac.velammal.org/> for online registration and to download registration form.

### Important Dates

Registration deadline : 16th March 2015

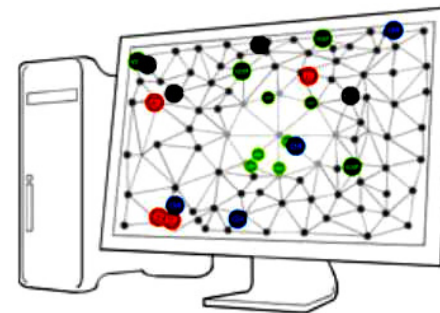
### Address for Communication

Mr. R. Ganesan & Mr. A. Pravin Renold  
Workshop Convener(s),  
TIFAC-CORE in Pervasive Computing Technologies,  
Velammal Engineering College,  
Ambattur-Redhills Road, Surapet, Chennai - 600066.

E-mail: [tifacore.ganesan@velammal.edu.in](mailto:tifacore.ganesan@velammal.edu.in)  
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## Two days Workshop on QualNet for Adhoc & Sensor Networks



25<sup>th</sup> – 26<sup>th</sup> March 2015

Organized by

**TIFAC – CORE**  
in Pervasive Computing Technologies



**VELAMMAL ENGINEERING COLLEGE,**  
Chennai – 600 066

In association with

**NCS**  
Nihon Communication Solutions

**Nihon Communication Solutions, Bangalore**

### About VEC

Velammal Engineering College is established in the year 1995-96, to impart quality education. It is one of the top ranking engineering colleges for Engineering and Technology Education in India. It is a self financing non-minority institution, affiliated to Anna University and approved by All India Council for Technical Education (AICTE). All the approved courses are accredited by National Board of Accreditation (NBA) of AICTE.

### About Core

The TIFAC-CORE in Pervasive Computing Technology is commenced in 2005, which has the vision to establish a centre of relevance and excellence in pervasive computing technology, impart quality education, foster research to help industries to adopt the pervasive computing technology, thereby focus on applications of social relevance for the uplift of the nation and thus bridge the digital divide. A team of dedicated engineers are working in four distinct niche areas:

- ✓ Mobile Computing
- ✓ Embedded and Applied Computing
- ✓ Mobile, Ad-hoc & Sensor networks
- ✓ RFID and Sensor Application

### Course Description

Pervasive Computing envisions a host of smart devices and the relevant computational intelligence seamlessly integrated into the environment so as to enable ANY TIME ANYWHERE COMPUTING. Ad hoc Networks play a crucial role in the realization of this new paradigm. For an accurate and satisfactory performance and to provide an acceptable degree of quality of service the design parameters should be chosen carefully.

QualNet is a network simulation tool that simulates wireless and wired packet mode communication networks.

QualNet developer is a discrete event simulator used in the simulation of MANET, WiMAX networks, satellite and sensor networks. QualNet is a commercial tool derived from GloMoSim that was first released in 2000 by Scalable Network Technologies. This workshop will provide knowledge for designing protocols, creating and animating scenarios and analyzing their performance. Sessions will be handled by experts from academia and the industry.

### Resource Person

- ✓ Experts from Academia
- ✓ Domain experts from Industry

### Participants

- ✓ Working professionals from industries
- ✓ Research scholars and Faculty from academia
- ✓ Students of the Engineering disciplines such as Computer Science and Engineering / Computer Engineering/ Information Technology/ Electronics / Electrical / Electronics and Communication / Electronics & Instrumentation

### Prerequisite Skills

- ✓ Basics of Computer Networks
- ✓ Basics of Programming

### Course Format

- ✓ Workshop consists of lectures and lab sessions.
- ✓ Participants can gain hands-on experience and get personal guidance from experts

### Registration Form

Name :

Qualification :

Designation :

Organization :

Address for communication:

Phone: Office :

Resi :

E-mail:

Experience (Years)

Teaching  Research  Others

Accommodation required : Yes / No

Category : Staff/Researchers/Industry

DD No.:

Bank :

Branch :

### Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide the rules and regulations of the workshop and shall attend the workshop for the entire duration.

Place:

Signature of the applicant