INTRODUCTION

Velammal Engineering College was established in the year 1995-96 to impart quality education. It is a self financing non-minority institution, affiliated to Anna University and approved by All India Council for Technical Education (AICTE) also ISO and Accreditation.

ABOUT CORE

Under the Mission REACH, institutions are being targeted for creating Centres Of Relevance and Excellence (COREs). These TIFAC COREs are mandated for excellence in focused areas. Through these Centres, technology generation and skill upgradation of the workforce is to be done on a continuous basis. Nucleated by TIFAC, nestled in the partnering institution and nurtured by the stake-holding industrial partners, these TIFAC-COREs are today unleashing India's potential by converging all the possible resources in focused areas. Velammal Engineering College is pursuing research in the domain of PERVERSIVE COMPUTING TECHNOLOGIES. Rapid advances for digital electronics have made computers faster, cheaper, and smaller. Similar progress in communications technology has provided users virtually unlimited bandwidth anywhere and at any time. The resulting combination of virtually free computation and ubiquitous network access has fuelled the new domain of pervasive computing. Pervasive computing envisions environments richly lathered with computation, communication and networked devices and mobile users interacting with their environment using speech and vision, with secure access to personal or public data.

SCOPE OF THE WORKSHOP

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.
PARTICIPANTS

- UG/PG Students
- Research Scholars
- Faculty
- Engineers from Industry and Research

TOPICS

1. Introduction to QualNet
2. Comparison of On-demand, Table driven and Hybrid routing protocols
3. Hands on training
4. Guide to implement new network layer protocols
5. Demonstration on Exata

IMPORTANT DATES

Last date for registration: 27th March 2013

REGISTRATION FEE

- UG/PG Students/Research Scholars: Rs.500/-
- Faculty: Rs.600/-
- Participants from Industry: Rs.750/-

ORGANISING COMMITTEE MEMBERS

CHIEF PATRON

SHRI. M.V. MUTHURAMALINGAM
Chairman, Velammal Educational Trust

PATRON

SHRI. M.V.M. VELMURUGAN
CEO, VEC

CO-PATRONS

Dr. C.R. MUTHUKRISHNAN, Advisor
Dr. R.S. KUMAR, Principal
Dr. PAUL RODRIGUES, Dean – R&D, VEC
Dr. S. CHANDRASEKARAN, Dean – Computing Science, VEC

ORGANIZING SECRETARY

Prof. B. VENKATALAKSHMI,
Chief Co-ordinator, TIFAC-CORE in PCT

CONVENERS

Mr. RANJITH BALAKRISHNAN
Mr. A. PRAVIN RENOLD
Asst. Professors, TIFAC-CORE in PCT

ORGANIZING COMMITTEE

Dr. A. BALAJI GANESH, TIFAC-CORE in PCT
Mrs. ANITHA JULIAN, TIFAC-CORE in PCT
Mr. R. RAMESH, TIFAC-CORE in PCT
Mr. R. VIJAYAKUMAR, TIFAC-CORE in PCT
Mr. V. SARAVANAN, TIFAC-CORE in PCT

REGISTRATION FORM

Name:…………………………………………………

Designation:……… ...........................................

Department:……. ...........................................

Organization/Institution: .........................

Address:………………………………………....

City: ..............................................................

Postal/Zip Code: ........................................

Mobile: .........................................................

Email:........................................................

Category: Student/ Faculty/ Industry

Demand Draft Details:

D.D No:………………….. ......................................

Bank:………………….. ........................................

Branch:.................. ...........................................

(DD should drawn in favor of “Velammal Engineering College” payable at chennai)

Declaration:

I agree to abide by the rules and regulations of the workshop

Place: .............................................

Signature of the applicant