National Institute of Technology Tiruchirappalli

Centre of Excellence in Social Network Computing

ONE DAY SEMINAR ON

"RESEARCH ISSUES AND CHALLENGES IN SOCIAL NETWORK COMPUTING"

Date : 04, MAY 2012
Venue: A2 Hall, NIT, TRICHY

About NITT

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering to the needs of man-power in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. Because of this rich experience, this institution was granted Deemed University Status with the approval of the UGC/AICTE and Govt. of India in the year 2003 and renamed as National Institute of Technology. NIT-T was registered under Societies Registration Act XXVII of 1975.

The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty one disciplines of Science, Engineering & Technology besides Ph. D. in all the departments. Recently, Centre of Excellences (CoE) in Electronic Packaging, Smart Systems and MEMS, Corrosion Technology, Social Network Computing, etc., have been inaugurated by the present Director.

About CoE in Social Network Computing

The evolution and convergence of electronics, communication, and computing technologies have empowered the users of today's computer network with all pervasive and ubiquitous computing defined as access to, 'anytime, anywhere, and anything'. Further, the communication model has transcended from one to one, machine to machine to many to many, user to user in the past few decades, in terms of intra group and inter group communication. Such an abstraction was possible because of the transparency provisioning in terms of location, migration, etc. Moreover, the characteristics of individuals using the network is fast declining and the users evolving into a community is increasing very fast. Such communities do have a societal impact by means of the communication within a social network and communication across a social network. In today's context, it is not farfetched to say that 'user' means 'a social network'.

The social network involves man and machine distributed across but at the same time integrating, co-ordinating, and collaborating with each other. Therefore, problems may also arise in various forms due to the unknown usage or illegitimate usage with malafied intentions leading to societal disruptions. Therefore, solutions to analyze the user behavior and prevent destructions, if possible, in the two major areas of Social Networking and Network Computing are required. Motivated by this, a **Centre of Excellence (CoE) in Social Network Computing (SNC)** in our institute was set up.

The CoE in SNC is a multi disciplinary research forum with researchers from the departments of Computer Science and Engineering, Computer Applications, Electronics and Communication Engineering, Instrumentation and Control Engineering, Mathematics, and Humanities. The CoE in SNC focuses on the following research areas: Security in Social Networks, Security for Personal Data and Databases, Content Based Social Network Analysis, Theory and Models of Trust, Security in Wireless Networks, and Forensic Engineering. Also, it plans to come out with a distributed test bed. Further, it intends to conduct an International Conference in the year 2014. As a start up, a one day seminar is scheduled on 4, May 2012.

About the Seminar

In this age of globalization, the world has become too small a place and communication has become effective as never before due to the advent of internet. In the wake of accepting technological advancements, we have also come to embrace the term 'social networking.' Starting as an easy way of communication, social networks have accelerated their pace towards transmogrifying our lives. The social networking sites have also played a crucial role in bridging boundaries and crossing the seas and bringing all people at a common platform where they can meet likeminded people or find old friends and communicate with them. The issues in social networking include Privacy, Data mining, Notifications on websites, Access to information, Potential for misuse, Trolling, Online bullying, Interpersonal communication, Psychological effects of social networking. The broad impact of social network computing in diverse domains and the complexity of features that span diverse disciplines pose new challenges for Information Systems researchers. The primary objective of this one day seminar is to discuss the state of the art and

the current research that can lead to the initiation of future research in social network computing and social services computing which is an emerging computing paradigm which sweeps through Social Computing, Internet of Things, Services Computing, and Cloud Computing.

The seminar is coordinated by Dr. S. Mary Saira Bhanu, Associate Professor, Dept of CSE, Dr. S. Nickolas, Associate Professor, Dept of CA, and Dr. D. Sriram Kumar, Associate Professor, Dept of ECE.

Intended Audience for the Seminar:

- Faculty and Research Scholars
- Post Graduate and Under Graduate Students
- Practicing Engineers

TENTATIVE SEMINAR SCHEDULE

Session	Time	Resource Person
Session I	9.30 – 11.00	Dr. Sudarshan Iyengar, ISI, Chennai
Session II	11.15 – 12.45	Ms. Annie Joyce, CDAC, Bangalore
Session III	13.45 – 15.00	Mr. Sandeep Kumar Singh, McAfee, Bangalore
Session IV	15.15 – 16.30	Dr. Giridhar, K., IITM, Chennai
	16.30 – 17.00	Valediction

The title, abstract of the talk, and the speaker biography will soon be updated in our website.

REGISTRATION DETAILS

- DD amount of Rs.500/- should be drawn in favour of 'The Director, NIT, Tiruchirappalli', payable at Tiruchirappalli. Please write your Name, Address, and Mobile Number on the reverse of the DD and send to Prof. S. Selvakumar, Chairman, Centre of Excellence in Social Network Computing, Dept. of CSE, National Institute of Technology, Tiruchirappalli – 620 015.
- The seats are limited to 100 participants on a First Come First Serve (FCFS) basis. On receipt of DD, E-mail confirmation will be sent to the confirmed participants. The DD will be returned to the non-confirmed participants.
- The registration closes on the receipt of 100 registration forms on FCFS basis or on 27, April 2012.
- The registration includes Seminar Kit, Participation Certificate, and Lunch.
- Registration Form is downloadable from the website http://www.nitt.edu/home/academics/departments/cse/events/centre_of_excellence_in_social_n/seminar%20registration.doc

How to reach NITT?

It is located about 22 km from Tiruchirappalli Junction/ Central Bus stand on the Trichy-Thanjavur High way. The simplest and most economical way to reach NIT-T is by bus. Any city bus at the Tiruchirappalli junction will take you to the central bus stand. Board Thanjavur bound mofussil or route bus. The journey time from Trichy will be around 40 minutes. The executive way of reaching NIT-T will be hiring a taxi. Taxis may charge around Rs.350/-.

CONTACT US

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