Chairman's Message

Dr. S. Salivahanan
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Dear Friends,

I am happy to mention that Mrs. Ramalatha Marimuthu, IEEE Madras Section WIE Chair has been felicitated for receiving "IEEE MGM Achievement Award". Also "Lifetime Achievement Award" was presented to Dr. Suresh Chander Pal, Dr. G.V. Rao and Er. K.V. Rupchand and "Outstanding Mentor Award" were presented to Dr. T. Thiagarajan. These awards were presented by Dr. S. Salivahanan, Chairman, IEEE Madras Section during a function recently held. Our hearty congratulations to all the recipients.

IEEE Computer Society, Madras Chapter and Computer Society of India, Chennai Chapter organized a technical talk on "Enterprise Mobility". Mr. Mahesh N Iyer, Chief Operating Officer, iPath Technologies Pvt. Ltd., Chennai delivered the talk on Saturday the 23rd May 2009, and a presentation cum demonstration programme on "Dance Therapy" by Mr. Muthiah Ramanathan, Director – Training of Mind Dynamics Center and Ms. Gitu Pappu @ Gayathri, Dancer and Yoga practitioner on Saturday the 6th June 2009. Further, Computer Society has also lined up technical meetings on "Electronic Payment Systems" on 13th Jun, "eLearning" on 20th Jun and "M'Power ERP Solutions" on 27th Jun along with a workshop on "Technologies of the Future" on 25th Jun. A humanitarian project for children with special needs - "Novel Screening System" was launched in association with Lions club and WIE in a function held on June 04, 2009.

A Faculty Development Program on "Challenges in Information Security" was conducted during June 19 – 20, 2009 at Karunya University, Coimbatore. Faculty members from different colleges attended. Another Faculty Development Program on "Time Frequency Signal Analysis" will be conducted during July 07- 13, 2009 at IIT Madras. The faculty members of technical institutions are welcome to attend this programme.

IEEE Communications Society and IEEE Computer Society have joined SSN College of Engineering , Chennai in organizing an International Conference on Wireless Communication and Sensor Computing – ICWSCS 2010 during January 02 – 04, 2010 in association with Indian Nuclear Society, IGCAR, Kalpakkam. This conference is listed in IEEE Conference Calendar http://www.ieee.org/web/conferences/search/index.html. Accepted papers will be published in the proceedings of the conference and IEEE Explore, provided at least one of the authors registers for the conference. The extended version of the selected papers will be published in the International Journal of Distributed Sensor Networks. For further details, please visit the website www.ssnicwcsc2010.in. The IEEE members can utilize this opportunity to present their research findings.

From The Editor's Desk

H.R. Mohan
hrmohan@gmail.com

Dear Friends,

In the May issue of LINK, we had reported on the entries from India topping in numbers in the IEEE Presidents' Change the World Competition. As expected, in the voting for the People's Choice winner (selection based on online voting) competition, it is gratifying to see that three entries from India are leading. The project NIDAAN – An E-Healthcare Solution for the Under-Privileged and the Needy by Sumit Pandey, Gandhinagar tops with 528 votes followed by the project ISHHS - Information System on Human and Health Services by Sampathkumar Veeraraghavan, who is associated with the GOLD section of Madras Section past Chairman of Madras is in the second position with 428 votes. The project AGROBOT - an autonomous robot which runs on solar energy and deals with the application of robots in agriculture is at the cultivation stage by Nagendran Rajendran, Udumalpet, and another Madras Section member is placed third with 124 votes. The rest of the projects have secured fewer than 20 votes. All competition winners will be announced to the public when this issue reaches you.

As usual, Kongu Engineering College has reported about their activities. This time three events – Student Professional Awareness Conference, INTUIT-09 Competition and a workshop on Virtualisation held as part of valedictory programme for the year 2008-09. A report the national conf. on "Recent Advances in e-Communication and i-Technologies" held at Anand Inst. of Higher technology and the inauguration of the Student Branch at Kalaignar Karunanidhi Inst. of Technology appear in this issue. The impact of the semester exams and vacation is quite evident from the less no. of events reported.

The detailed reports of the five events – three talks dealing with "Digital Forensics", "Enterprise Mobility" and "Beyond Google: Electronic Resources for Effective Research" — one conference on "Opens Source Software" and one workshop on "Information Security" organized by the IEEE Computer Society Madras Chapter appear along with a report on the "World Telecommunication & Information Society Day" celebrated on May 17th and a report on the WIE Committee Meeting held at Florida appear in this issue of LINK.

LINK congratulates Mr. V. Sathya Narayana of SVCE, and Ms. T.A. Sai Sindhuja of Easwari Engg. College, the winners of Info Contest 0904 who will receive a prize of Rs. 500/= each sponsored by SRA Systems.

Reader's attention is drawn to the announcements relating to the FDP at IIT Madras, Conf. on Intelligent Agent & Multi-Agent Systems, WIE Congress, DLP by PES at IIT, Conf. on Library Networking, Conf. on Wireless Communication and Sensor networking and other three international conf. to be held in Dec 2009.

Editorial Team

Mr. H.R. Mohan, Dr. S. Salivahanan, Dr. M. Ponnavaikko,
Dr. P. Suresh Chander Pal, Mr. T.S. Rangarajan, Mrs. M. Ramalatha

Presentation on "Digital Forensics"

A presentation on the topic "Digital Forensics" by Mr. Sriram Raghavan, Doctoral Researcher, Queensland University of Technology, Brisbane, Australia was organized jointly by the IEEE Madras Section, IEEE Computer Society Madras Chapter, IEEE Madras Women in Engineering Affinity Group and Computer Society of India, Chennai Chapter on Saturday, 16th May 2009. Dr. S. Salivahanan, Chairman, IEEE Madras Section welcomed the gathering and introduced the speaker.

Mr. Sriram Raghavan from Queensland University of Technology, Brisbane gave an overview of the new and emerging field of Digital forensics. Forensics, as we all know deals with crime scene reconstruction: digital forensics is its digital twin. Formally defined by the Digital Forensic Research Workshop (DFRWS) Technical Committee in 2001 as "the application of scientifically proven methods and techniques in the identification, collection and preservation, verification, analysis, interpretation, documentation and presentation of digitally retained or stored artifacts for facilitating or furthering the reconstruction of events found to be criminal or help anticipate unauthorized actions shown to be disruptive." Digital forensics is defined as a multi-stage process which begins with the identification of possible evidence sources until the time where it may be presented in a court of law.

Some recent challenges in the field have been in the acquisition of digital evidence from different sources, such as, hard disks, volatile memory, USB drives, PDAs, mobile phones and DVRs etc. It is noted that each type of digital artifact has varied lifetimes and must be appropriately addressed by an investigator before the acquisition process. For example, while hard disks would only be written into once every few minutes, the memory and cache are accessed a few thousand times within the same interval. Hence, an investigator must be aware of implications when one decides to go for offline or online acquisition of evidence.

Mr. Sriram also discussed some of the challenges that arise out of such decisions and opined that such trade-offs must be handled based on situation needs by an investigator. Once a source is acquired it should be preserved for integrity and HASH signatures like MD5 and SHA1 are used for this purpose. Once signed, this signature must be verified every time the evidence source is accessed by an investigator. Each investigation requires the maintenance of a "Chain of Custody" form which tracks the life of an evidence source during an investigation.

It is a known fact that logs are generated during any digital transaction between two devices. It was pointed out that such logs could land up altering the content during an acquisition. Since integrity is critical to any investigation, the use of write blockers which intercept BIOS interrupts generated during hard disk writes.

In today's world, Mr. Sriram notes the rapid advancement in digital technologies has given birth to several different digital devices, each with their own formats and file systems. He also notes that the chance of coming across such devices has tremendously increased in the recent years. He calls for the need to integrate such sources under one roof and analyse data from multiple disparate technologies in a uniform manner.

Mr. Sriram and his research group at the Information Security Institute at QUT, Brisbane have come up with the Forensic Integration Architecture (FIA) to address this challenge. The architecture adopts the scalable SOA model to integrate different evidence sources both at syntactic and semantic levels. Having established this architecture, his team is now working towards identifying links across different evidence sources at the two levels and integrate information at a contextual level with what he calls Digital Evidence Composition (DEC).

The presentation, attended by about 80 participants generated a lot of interaction and experience sharing from the participants. After the presentation, Mr. H.R. Mohan, Chairman, IEEE Computer Society presented a memento to the speaker Mr. Sriram and Mr. S. Ramasamy, Secretary, CSI Chennai Chapter proposed the vote of thanks.

Women in Engineering Committee Meeting at Orlando, Florida

Mrs. Ramalatha Marimuthu, Region-10 WIE coordinator and chair, Madras IEEE WIE has been selected as one of the board appointed members of global WIE committee for the years 2009-2011. In that capacity she was invited to the WIE committee meeting held on 25th and 26th of April 2009 at the Disney Yacht Club Resort Hotel, Orlando, Florida. Nearly thirty Women in Engineering members – Region Coordinators from all 10 Regions, various society Liasons and apex Women in Engineering Committee members attended the meeting.

The meeting started on 25th Apr at 9:00 a.m. with roll call and a welcome note from then Chair, Dr.Karen Panetta. The first on agenda was discussion on nominees for the Affinity Group of the year Award and voting for the winner. The WIE members in the committee who belong to the nominated sections were excluded from the voting. After discussions and deliberations, Japan section was selected for the Women in Engineering affinity group of the year award and Madras section won the Honorable Mention for the WIE AG of the year Award. With this, Madras section has won this prestigious award two years in running.

Following this, various issues regarding the activities and funding for the special projects were discussed. An analysis on the applicants for the special project funding and decisions on approving or disapproving them were taken. The meeting was adjourned for lunch and we again had an informal discussion. In the afternoon session, report on the growth of WIE with statistics, the reporting structure of WIE, WIE conference and approval of articles submitted for WIE magazine and other issues were discussed. The meeting for the day closed at 5pm.

The next day (26th Apr) started in the same way. After breakfast, the meeting commenced at 9:00 a.m. Each member projected their slides they had prepared on possible improvements and asked for suggestions from other members too. Following this Region -3 & Region-10 Coordinators were asked to talk on the activities in their regions. Region-10 Coordinator Ramalatha Marimuthu, presented about the initiatives on outreach programmes and Sangamam Project. It was very well received and the efforts of the members and students for such a good cause were appreciated by all members. The meeting ended at 2:00 p.m. after a photo session.

Report by: Mrs. Ramalatha Marimuthu,
Region-10 WIE coordinator and chair,
Madras IEEE WIE

Talk on "On Beyond Google: Using Electronic Resources for Effective Research"

IEEE Computer Society, Madras Chapter and Computer Society of India, Chennai Chapter joined hands with The American Library, United States Consulate General – Chennai and The Connemara Public Library, Chennai in a talk on "On Beyond Google: Using Electronic Resources for Effective Research" on Thursday, May 28, 2009 by Mr. Steven Kerchoff, Information Resource Officer, American Embassy, New Delhi.

Mr. Kerchoff comes with a long experience in library and information management. He had worked for the Library of Congress for 21 years, including 13 years as a Network Program Specialist with the Federal Library and Information Network (FEDLINK), a network of libraries in federal government agencies. In 2000 he participated in a year-long detail to the Government Printing Office, working as an Electronic Transition Specialist with the Federal Depository Library Program. He has also worked as a consultant for the Sri Lanka National Library and Documentation

Services Board under the auspices of the ALA/USIA Library Fellows Program. Active in professional associations, Mr. Kerchoff recently completed a 3-year term as an At-Large Councilor on ALA Council, the governing body of the American Library Association. He has also been President of the Library of Congress Professional Association and a Directory of the ALA Federal Librarians Round Table.

Mr. Steven Kerchoff, in his talk, presented some interesting and innovative strategies on how to use electronic resources for effective research as the information overload is throwing up new challenges for researchers. In his talk, the library science expert told an audience of researchers, library managers, information and IT professionals and students that there were better ways of putting Google (www.google.com) to use to access information relevant for researchers. He also spoke about the options other than Google that were available for researchers such as commercial databases online.

He said that often when people search for something on Google, they get 10,000 items as results and do not find relevant information and to get over this problem, one can explore the more specific search options available under heads like images, maps, scholar, on Google. He added that Google Scholar is particularly helpful for academic research.

Mr. Kerchoff , emphasized the need for evaluating resources and said while looking for

information online, sites should be evaluated by a set of qualities such as authority, accuracy, objectivity, currency and coverage.

He said that while Google was a vast library where selections had to be made at random, switching to well-catalogued, subject-specific search facilities such as Librarians' Internet Index (www.lii.org) and The Internet Public Library (www.ipl.org)," could help maintain the accuracy of search. He also encouraged researchers to utilise advanced search options and choose .gov and .edu domain options for information of academic value. Citing the example of the American free public access government sites such as GPO access (www.gpoaccess.gov), he said such sites could provide quick access to information in the public domain, such as transcripts of legislative hearing.

Talking about commercial databases, Mr.Kerchoff said they are useful when the researcher wanted to access information that cannot be found in the public domain. He added that this comes at a price, due to copyright restrictions or because the information is valuable citing example of commercial databases such as "Lexis Nexis" and "Proquest"

Mr. Kerchoff concluded his talk by reflecting on the inevitability of Google today. He sais that just ten years ago, there used to be a showdown of search engines at the Library of Congress and today, there is no competition to Google.

After the talk, the participants raised a no. of questions on the use of search engines, the trends and futures, open access of information etc., The talk was well attended by over 90 participants.

Inauguration of IEEE Student Branch at Kalaignar Karunanidhi Institute of Technology

The Student Branch of IEEE at Kalaignar Karunanidhi Institute of Technology, Coimbatore was inaugurated on 18th April, 2009. Dr. P. Anbalagan, Principal welcomed the gathering. Dr. Vidhya Gokul, Managing Trustee delivered the presidential address. Following

this, the guest of honour Dr. P. Suresh Chander Pal and Dr. P Rajasekaran, Asst. Prof. of Physics felicitated.

Dr. Nedurlchezhian, Vice Principal, introduced the Chief Guest Dr. Mini. S. Thomas, who delivered the inaugural address in which, the importance of IEEE at college level was briefed along highlighting the importance of IEEE Journals and its varied uses. She quoted various examples to encourage the students to be a part of the association. Students had a beneficial interaction with the chief guest by posting their doubts and got cleared. The function ended with the vote of thanks by Mr. S. Suresh, KIT IEEE Student Branch Counselor.

National Conference on "Recent Advances in e-Communication and i-Technologies" at Anand Inst. of Higher Technology

A national conference on "Recent Advances in e-Communication and i-Technologies" (REACT-09) was organized in association with IEEE by Anand Institute of Higher Technology, a constituent unit of Kalasalingam group of Institutions at Chennai during April 03-04, 2009. The conference was inaugurated by the Chief Guest Mr. N. Shiv Shankar, Associate Vice President & Head, Chennai Development Center of Infosys.

Dr. T. A. Raghavendiran, Principal, welcomed the gathering. Dr. R. Rajachandrasekar, Convenor of the conference outlined the details of the conference and introduced the chief guest. Ilayavallal Shri. K.Sridharan, Secretary of the college and Dr. S. Arivazhagi, Diretctor, AIHT (Academics and Administration) felicitated the chief guest.

Mr.N. Shiv Shankar, addressed the gathering with a need to involve pro actively in the challenges ahead in the period of international recession or meltdown. He stressed, students should compete in the global e-Tender of software packages along with other IT industries as the virtual platform provides to tap the capabilities of students at any of their studies or thereafter. Professional training would be offered for all selected students from college. To commemorate REACT-09, a Souvenir with messages and abstracts of papers and a CD Proceedings of the conference were released by chief guest Shri. N. Shiv Shankar.

Invited Talks were delivered by Dr. R. Chandramohan on "NanoTecbnology in Information Technology" and by Mr. M. Srinivasan, Managing Director, KENGS India Ltd On "Opportunistic Mobile –Networking".

The conference was well participated by more than 150 delegates and 500 observers including research scholars, industry professionals, faculty members and student delegates. The valedictory function was held on 4th April, 2009 with a panel discussion and presentation of a video capsule on successful execution of the conference. The function ended with vote of thanks delivered by Dr. R. Rajachandrasekar, the convenor of the conference.

Student Professional Awareness Conference 09 (SPAC-09) at Kongu Engineering College

The inaugural of the two days SPAC-09 organized by the IEEE student branch along with the WIE affinity group, Kongu Engineering College commenced on 6th Mar 2009 at 10:00 a.m. with the welcome address by Prof. K. Narayanan HOD, EIE Dept. KEC

An official website http://spac09.kongu.edu was uploaded for SPAC-09 with online registration options. We received tremendous response through the website. Participants from colleges from all over Tamilnadu actively participated in various events.

The morning session comprised Paper and Project presentations. 30 papers were selected out of 350 papers received and 10 projects were selected out of 30 projects received. Afternoon session consisted of technical quiz, hardware contest, marketing. Students actively participated and there was tough competition between teams. The day ended with prize distribution for the events held.

On 7th Mar 2009, the second day of SPAC-09, the morning session included software contest, web design, and poster design. Students enthusiastically participated and illustrated their creativity. In the afternoon, Mr. Vyshak Venugopalan, Technical Evangelist, Adobe Systems conducted a workshop on Rich Internet Applications.

RIA's (Rich Internet Application) are Web Applications that have the feature and functionality of traditional desktop applications. This application was introduced in 2004. Initially in 1992 client server architecture was introduced, 1998 online banking with page based mechanisms was introduced but their richness was less comparatively. RIA introduces cross devices, multimedia, sounds and presentations. Much attention is towards RIA as it is next evolution of web and

- Market size will be around $ 500 million by 2011
- 15,000 beta developers
- Smooth and intuitive user experience
- No install
- Cross platform
- Rich media integration
- Real time collaboration
- Real time messaging
- Offline support
- Document generation
- Deep back end integration

RIA was developed using Adobe Air and Adobe Flex. Adobe Air installs in the desktop as an application. Its customers are SAP, Oracle, IBM, Handysoft, Cynergy and more. Adobe Flex (Highly productive, free open source framework for building expressive web application - deployed in all major webs) installs as web application and its customers are Sony, Boeing, eBay, Citibank and more. Flex basically converts two languages MXML - Macromedia XML and action script to SWF – Short\Small Web Format. To run RIA we need Flash Player. Adobe Flash is installed in 99% of the connected computers and there are about 8 million installation of flash per day. RIA's applications dominate in sectors such as healthcare, consumer electronics, financials, publishing, software and banks.

At the end of the day, valedictory address was given by Prof. K. Narayanan, HOD, EIE Dept., KEC. The prizes were distributed to the winners in the events held.

Report by: Ms. Purnima Jothikrishnan, jpurni@gmail.com

IEEE MAS LINK
SRA Systems

Info Contest

H.R. Mohan
Chairman, IEEE CS, Madras Chapter
Editor, IEEE MAS LINK
AVP (Systems), The Hindu, Chennai

This is the FOURTEENTH contest under Info Contest – a regular column in our newsletter IEEE MAS LINK. The content mix now includes some General Knowledge questions in addition to IT related. This, we believe would provide an overall exposure and also facilitate more participation.

Members are encouraged to participate in the contest and win prizes. Answers are to be sent by EMAIL ONLY. Please follow the guidelines provided at the end of the questions.

TWO lucky winners who answer to maximum no. of questions and early (selected by lot if multiple entries qualify) will receive an award of Rs. 500/= each, sponsored by SRA Systems.

Info Contest – 0906

This contest has 25 questions in five sections — A, B, C, D & E — each having five questions.

A.   In the following acronyms/ abbreviations "F" stands for what.

A1.   RTF

A2.   RFID

A3.   MTBF

A4.   TTFN

A5.   MOSFET

B.   Provide the answer.

B1.   Robots designed to look like a human female are known as ———

B2.   Digital zooming degrades the quality of the image, making it pixelated and unclear. T/F

B3.   Who according to The Guinness Book of Records is referred as the 'Father of Spam'.

B4.   Name the search / decision engine launched by Microsoft recently.

B5.   Who had coined the term "Googol" representing a number 1 followed by one hundred zeros

C.   Fill in the blanks / Provide the answer.

C1.   A chubby penguin called ——— is the official mascot of Linux

C2.   Name the recently declared millionth word in English language

C3.   Name the open source project focused on building a Linux-based platform optimized for the next generation of mobile devices

C4.   What these roman numerals represent: MCMXCIX, MIM, MCMXCIX

C5.   What is common: Trend Micro, Panda Software, Kaspersky, Symantec, Mcafee

D.   Provide the answer.

D1.   Name the pet dog featured in the logo of HMV listening to a gramaphone

D2.   Navjot Singh Siddhu, Kirti Azad and ——— are the three cricketers to become Members of Parliament in the recent 2009 general elections

D3.   Name the cyclone recently hit West Bengal

D4.   Identify the airlines whose tagline is "There's no better way to fly"

D5.   "Slumdog Millionaire", a movie about a Mumbai tea boy who rises from poverty and enters a television quiz show to win millions has won ——— Oscar Awards

E.   Fill in the blanks / Provide the answer.

E1.   Car : Nano = House : ———

E2.   Sumo: Tata = Xylo : ———

E3.   Tamil: Mudhalvan = Hindi : ———

E4.   Which US auto major had recently filed for bankruptcy

E5.   What will be the selling price of a product priced at Rs. 200 when discounted initially at 10% and then discounted further at 15%

Guidelines to submit the answers to the Info Contest by email.

In the Subject,

- Write the Contest No. (Info Contest – 0906) in the subject line.

In the body of the mail,

- In the first line, write the contest No: Info Contest – 0906

- In the second line, write your membership no.

- In the third line, write your email id.

- In the fourth line, write your name.

- In the fifth line, write your college / organization name

- In the sixth line, write the answers to the five questions of Section A, separated by comma.

- In the seventh line, write the answers to the five questions of Section B, separated by comma.

- In the eighth line, write the answers to the five questions of Section C, separated by comma.

- In the ninth line, write the answers to the five questions of Section D, separated by comma.

- In the tenth line, write the answers to the five questions of Section E, separated by comma.

As the evaluation of the entries is automated, pl. ensure the above guidelines are followed.

Email the answers to:
hrmohan.infocontest@gmail.com

The last date to receive the answers by email is 5th Jul 2009.

Info Contest – 0905 : Answers & Winners

Answers:

Reduced, Radio, Repair, Redundant, Read
Xenix, NR Narayana Murthy, IBM, Digital Research, MSN Encarta
Watson, Pune, Amazon, browser, Microsoft/MSN
Ben Hur, Sachin Tendulkar, Nagaland, YES Bank, 6:4:3
Management, Cauvery, Knight Riders, Datuk, 3.1416

Winners:

Mr. V. Sathya Narayana
Sri Venkateswara College of Engineering
Mem No. : 90422869
Email : sathya@ieee.org

Ms. T. A. Sai Sindhuja
Easwari Engineering College
Mem No. : 90596617
Email: namaskar24sai@gmail.com

Both the above will be awarded a prize of Rs. 500/= each. LINK acknowledges with thanks the sponsorship of the awards by SRA Systems (www.srasystems.com).

Workshop on "Information Security : Corporates' Concerns"

Aworkshop on Information Security was organized by Cyber Society of India (CySI) on 9th May in association with AVS Labs, Bangalore, the Information Security and Anti Virus Consultants. The event was supported by Computer Society of India Chennai Chapter, IEEE Computer Society Madras Chapter, NASSCOM and ISACA Chennai.

While welcoming the participants, Shri R. Ramamurthy, Chairman, CySI explained about the activities of CySI and the commitment with which the Society has been conducting itself in the field of Information Security. The workshop highlights were then provided by Shri V Rajendran, Secretary, CySI.

In his inaugural address, Shri H.R. Mohan, Associate VP (Systems), The Hindu and Chairman, IEEE CS dealt with the general security perceptions and threats and vulnerabilities in the industry today. Shri D.S.K. Rao, IT Consultant from Hyderabad, in his key-note address, spoke about the different levels of risks as perceived in various industries and the way Information Risk Management is being treated by institutions and the various government agencies.

Dr K. Subramaniam, President, CySI in his detailed presentation on "Information Security: Governments' Concerns" narrated various steps taken by government agencies and universities He also discussed the role of standards and best practices in information security and stressed the necessity for enhanced awareness in these areas.

In the first technical session, Shri V. Rajendran, Secretary, CySI while delivering the talk on "Security Concerns in Electronic Delivery Channels in Banks and the role of I.T. Act" described the vulnerable areas in e-banking, ATM & Credit/Debit Card transactions. He also highlighted the important provisions in the I.T. Act 2000 and the subsequent amendment

to the Act in 2008. Shri M.L. Srinivasan of ChennaiNet presented the risks of botnets and suggested ways to prevent and guard against or at least minimize the impact of DoS, zombie or a botnet attacks in a networked environment.

The post lunch sessions were chaired by Shri R. Padmanabhan, a Chartered Account of repute. He introduced the speakers of the session. Shri S.K. Yash, Chief Technological Officer, AVS Labs gave a detailed demo cum presentation of the best coding practices and discussing the nuances of secure coding and the ills of buffer over-flow, stack over-flow etc. Shri J. Prasanna, CEO, AVS Labs described the effects of virus and the anti virus technologies narrating the history of virus, analysis of virus signatures, hacking tools, protection there from, prevention methodologies etc.   Shri K. Adhivarahan, IT Consultant presented the individuals' concerns in e-transactions describing the security concerns in e-mails, personal

desktops etc., all from an individual's perspective.

Shri S. Murugan, Deputy Supt of Police, Chennai presented in detail the technology involved in mobile communication. He took the audience through the latest in the industry including the GPS, GPRS and the Black-berry presenting both the technological strength and the vulnerabilities in such communication.

Summing up the day's events Shri N.S.N. Pillai, Head IT Security Ashok Leyland and President of ISACA Chennai Chapter gave a detailed account of the current level of information security in various organisations and the legal, individual and corporate remedies available in the case of compromise to security.

The valediction was a very interesting event with participants from organizations of repute like HCL Technologies, Hexaware, Indian Bank, Central Bank of India, Sundaram InfoTech, Atomic Energy, HCL-BPO, TCS etc posing questions to the speakers on the sessions handled by them and eliciting information on the areas not covered apart from sharing their experiences in the field of information security. The participants totaling about 85 were of unanimous view that the workshop was highly informative, greatly enriching and extremely useful. Most of the participants requested CySI to conduct similar programmes and seminars at frequent intervals and also focus on specific industries such as banking, communication, education etc.,

Forthcoming Events

ICGCAC 09: International Conference on Global Computing and Communications: 9 – 11, December 2009, Chennai. Contact: E-mail: deancs@hindustanuniv.ac.in Web: www.hindustanuniv.ac.in/ICOGCAC09

CONSEG 09: International Conference of Software Engineering: 17-19, Dec 2009, Chennai. Contact Email: gopalaswamy_ramesh@yahoo.com Web: www.csi-chennai.org/conseg09

International Conference on Millennium Developmental Goals: The Role of Information and Communications Technologies: 27-29 December 2009, Chennai. Contact: E-mail: mdgict@rmk.ac.in Web: www.rmkec.ac.in/mdgict

IEEE Madras Section and IEEE Power & Energy Society

Organizes a

Distinguished Lecture Programme on 'LMI approach to damping control design by FACTS devices'

By

Dr. Bikash C Pal
Department of Electrical and Electronic Engineering
Imperial College London

On 12th Aug 2009 at IIT Madras

Invites with timing and other details will follow shortly

Valedictory Programme for the year 2008-09 at Kongu Engineering College

The valedictory programme for the IEEE Student Brach at KEC for the year 2008-09 was held on 26th Mar 2009. The chief guest for the programme was Mr. N. Madeswaran, UNIX specialist, Hewlett Packard, Chennai

Dr. R. Asokan, Asst. Prof., Dept. of ECE welcomed the gathering. Prof. K. Narayanan, HOD, EIE Dept., KEC released the Student Branch newsletter. Mr. P. Rajesh, Chairman, IEEE Student Branch, presented the annual report of the Student Branch for year 2008-09 and Ms. N. Devi Nachiyar, Chairperson, WIE, IEEE Student Branch presented the report of WIE activities during the year 2008-09. Following this, the chief guest conducted the workshop on Virtualization touching upon What

is virtualization?; How is virtualization different than physical?; Why we go for virtualization?; Impact of virtualization; Advantages etc., At the end of the workshop, the vote of thanks was given by Ms. Purnima Jothikrishnan, Secretary, IEEE Student Branch, KEC.

Report by: Ms. Purnima Jothikrishnan,
jpurni@gmail.com

World Telecommunication & Information Society Day 2009

World Telecommunication & Information Society Day 2009 was celebrated in Chennai under the auspices of Institution of Electronics and Telecommunication Engineers Chennai Centre on 17th May 2009.

Gathering of around 150 people from various walks of life in the venue of the meeting at Multi – Track Auditorium of All India Radio Station Kamarajar Salai Mylapore, Chennai was an encouragement to the organizers. Shri V S Sundaramurthy Chairman IETE welcomed the gathering.

The theme of the year **"Protecting Children in Cyberspace".** was explained to the audience by Shri. P. Mohanadoss. Council Member, Broadcast Engineering Society. Shri. M.P. Velusamy, Chief General Manager, BSNL, Chennai Telephones was the Chief Guest who gave an informative and inspiring inaugural address. The Chief General Manager told that one in every five children browsing the net are vulnerable targets of pedophiles and predators, warn telecommunication experts.

Shri. G. Selvam General Manager (Retd), BSNL, Chennai Telephones delivered the keynote address. In his address it was bounden

duty of the engineering fraternity to make the cyber world a safe place for children, whose knowledge assimilation through the Internet mismatched their maturity levels.

Shri. S. Murugan I.P.S Superintendent of Police, Chennai address by Guest of Honour said the challenge to cyber cells would increase with the arrival of technologies such as 3G. While as citizens, may police personnel enjoyed the benefits of advanced technologies, their jobs turned increasingly complex with the arrival of sophisticated technology.

All Engineering fraternity and professional bodies like IEEE, IET, IE(I), CSI & BES in the city were represented by respective President / Chairman to felicitate IETE Chennai Centre. Er. M. Jayaraj, Hony Secretary, IETE Chennai proposed vote of thanks.

Report by: Er V S Sundaramurthy,
Chairman, IETE

Chairman message continued...

I would like to remind every member that IEEE Madras Section is organizing IEEE 125th Year Celebrations at Madras Institute of Technology, Chrompet, Chennai on August 27, 2009 with the participation of Dr. John Vig, IEEE President with Dr. P. Mannar Jawahar, Vice Chancellor, Anna University, Chennai. All the IEEE Student Branch Counsellors, Student Volunteers and other members are requested to make themselves free on this day for the celebrations of this memorable event at Chennai.

Dr. S. Salivahanan

INTUIT '09 held At Kongu Engineering College

This one day function INTUIT-09 was organized by the WIE affinity group of the IEEE student branch of Kongu Engineering College on 17th Feb 2009. The function started with the welcome address given by Prof. K. Narayanan, HOD, EIE Department, Kongu Engineering College. There were a total of six events conducted they were:

Ignited minds - An out of box thinking strategy

Nick of time - To enhance the time management skills of students

Tongue teasers - Keeps a check on your power of speech

U me & u - Improvising team work

Infinite intelligence - Scrutinize your memory power

Tech wizards - Challenging quiz rounds

Students actively participated in the competitions through various rounds. And the top teams and individuals bagged the prizes. Active participation from students made the events more enthusiastic. The function concluded with the prize distribution.

Report by: Ms. Purnima Jothikrishnan,
jpurni@gmail.com

Section Membership as on 15th June 2009

Life Senior	-	5
Fellow	-	1
Life Fellow	-	1
Life Member	-	3
Senior Member	-	70
Member	-	848
Affliate	-	34
Associate	-	53
Graduate Student Member	-	790
Student Member	-	4190
Total	**-**	**5,995**

NCOSS-09 Takes Open Source Beyond Linux

The National Conference on Open Source Software, NCOSS-09 was organized during 25-26 May 2009 at the Navi Mumbai campus of CDAC. The conference was spearheaded by the open source software division of CDAC Mumbai; this group was home to the OSSRC – Open Source Software Resource Centre – the first national resource centre in the area of open source, setup jointly by IIT Mumbai, IBM and CDAC Mumbai. The conference was supported by Div II on Software of Computer Society of India and IEEE Computer Society chapters of Mumbai and Chennai.

The conference deliberately chose to focus on the use of open source software in the application layer, moving away from the traditional focus of desktop, operating system, etc. While there is still ample scope for further work in evangelism and FOSS adoption in the desktop level, much is now happening in that space. At the same time, we observe that a number of application level software have come of age in a wide variety of areas ranging from e-learning and e-health, to software development and testing. Moodle, Drupal, Koha, Dspace, Adempiere, Blender, Mayavi, Liferay, etc are a few of the popular systems. However, despite the large range, good quality and customizability, these still have not attained the degree of adoption that they deserve. The causes may be lack of awareness, lack of adequate documented experiences, the usual FUD concerns, and so on. NCOSS conference was focused to address these issues and was run in an academic mode, calling for full papers documenting the experiences in adapting and adopting open source application software for specific requirements.

The programme committee, chaired by Dr. S. Ramakrishnan, Director General, CDAC, had representations from all sections of stake holders including academia, industry, open source community and government. Out of over 100 papers received, 25 were selected for presentation in two parallel streams and were compiled into the conference proceedings edited by Dr. M. Sasikumar and Ms. R. Aparna, from CDAC Mumbai. Copies can be purchased from CDAC Mumbai (email: ncoss@cdacmumbai.in).

NCOSS-09 introduced an innovation called the "demo-hall" - time slotted demos of open source solutions and systems. About 15 systems were presented in this mode.

On 24th May, there were three pre-conference tutorials on topics such as customization of Moodle, building plug-ins for open office and service oriented architecture.

On 25th May, in the inaugural address, Prof. D.B. Phatak re-emphasized the need for India to move towards being a net giver, from the current position of being an open source consumer. He also warned against the deteriorating communication skills – particularly in the written form – among the students.

Prof. C.R. Muthukrishnan's keynote address looked at some of the challenges in adopting open source software, with respect to the foundational assumptions about open source movement.

Prof. Prabhu Ramachandran, the key developer of the Mayavi visualisation software, demonstrated the amazing power offered by a suite of Python based tools to produce fast, realistic 3-D simulations and rendering of results. He covered a number of Python tools including Mayavi.

Mr. Shuvam Misra from Merce Technologies took a sharper tone in highlighting pain areas that FOSS community need to address. Through a set of carefully selected examples, he showed the continuum between pure open source and pure proprietary software, blurring the distinction between the two. A number of issues including licensing (e.g. recent change of MySQL libraries from LGPL to GPL) were brought out. It was a sharp message for the FOSS community to work on.

The panel discussion at the end of the conference, took on these issues further looking at "How to overcome barriers in FOSS adoption". Mr. Shrikant Mulik from LTITL, Mr. Bhansal from NIC, Mr. Shuvam Misra from Merce Technologies and Mr. Venky Hariharan from Redhat constituted the panel which was chaired by Dr. M. Sasikumar from CDAC Mumbai.

The conference was attended by around hundred delegates spanning academia, government and industry. The overall feedback from the participants was very positive on all aspects.

Report by Dr. M. Sasikumar, CDAC &
Mr. H.R. Mohan, CSI & IEEE CS

Additions to Section Library

- **Proceedings of the National Conf. on Open Source Systems (NCOSS-09):** Open Source Beyond GNU/Linux. Selected Readings of 25 papers. Pages: 160+xii. Edited by M. Sasikumar and R. Aparana of CDAC, Mumbai. The conf. was supported by IEEE CS Madras Chapter.

- **Successful Management Techniques:** Book providing guidelines for success, time management, publicity, negotiations, public relations, correspondence, manpower management and interviews. Pages: 232+ xiv; Price: Rs. 225/= Author: Dr. G.V. Rao, Chairman, IEEE IAS Madras Chapter.

Visit IEEE Computer Society Madras Chapter at
http://ieeecs-madras.managedbiz.com/

Faculty Development Program on "Time-Frequency Signal Analysis"

Dates: 7 - 13, July 2009
Venue: Dept. of Electrical Engineering, IIT Madras, Chennai-36

Course Content:

Part - I: Signal Processing Basics:

- Time sampling and aliasing
- Band-pass signals and band-pass sampling
- Quadrature signals
- Computing the spectrum- too many Fourier transforms
- Pitfalls in using the DFT, frequency resolution and zero padding
- Sliding spectrum analysis

Part - II: Time-Frequency Signal Analysis:

- Fourier Transform
- Need for time-frequency distribution
- Fractionalization of cyclic transformations
- Short-time Fourier transform
- Wigner distribution function and its applications in optics
- Gabor's signal expansion
- Gabor transform
- Discrete Gabor transform
- Wigner-Ville distribution
- Zak transform
- Quadratic time-frequency distribution
- Cohen class (pseudo Wigner, Rihaczek).

Course instructors:

- Prof. M.J. Bastiaans, Dept. of EE, Technische Universiteit Eindhoven, Eindhoven, The Netherlands
- Prof. K.M.M. Prabhu, Dept. of EE, IIT Madras, Chennai

Schedule: The course on "Time-Frequency signal analysis" is proposed to be held from July 7 - 13, 2009. The 7-day course includes more than 30 hours of lectures.

Participants: The FDP is aimed at faculty members of engineering colleges in Tamil Nadu. Specifically, the course is meant for faculty who have taught courses such as Communication, Digital Communication, Probability and Random Processes for at least two years. The objective of the courses is to impart the ability to communicate better with students as well as solve the drill problems given at the end of chapters in standard textbooks.

Course Fee & Registration: The course fee is Rs.1000/- for IEEE members and for non-members the course fee is Rs.2500/- Non-members will be refunded Rs.1500/- if they become member within one year. The number of seats is limited and the participants will be chosen on a first-come-first-served basis provided they satisfy the criterion of having taught a course in related area. The fee includes course material and lunch. Accommodation and transport will be the responsibility of the participants. Accommodation may be provided in Student hostel/ Institute guest house (on payment basis) subject to availability. Specific request has to be made in advance to the IEEE office.

For further details please contact: Prof. Amitava Dasgupta, Dept. of EE, IIT Madras, Chennai – 600036. Tel: 044-2257 4416; Fax : 044-2257 4402; Email: adg@ee.iitm.ac.in

Pl. send the registrations to: IEEE Madras Section, Room No. 3, ISTE Profession Centre, Gandhi Mandapam Road, Madras 600 025. Tel: +91-44 2442 3939; Cell: 93823 28776; Fax: +91-44-2442 3939; Email: ieeemas@airtelmail.in

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Call for Participation

International Conference on Intelligent Agent & Multi-Agent Systems

22-24 July 2009, Chennai, India
Pre-Conference Tutorial: 22 July, 2009

Venue: Vigyan Auditorium, SERC, CSIR Campus, Taramani, Chennai 600113. India

Organized by

Vinayaga Missions Univ., Aarupadai Veedu Inst. of Technology, Chennai

In Association with

IEEE Madras Section & IEEE Computer Society - Madras Chapter

Computer Society of India - Division II on Software

Pre-Conference Tutorials:

1. "Agents and the Semantic Web" by Prof. Michael N. Huhns, Director, Center for Information Technology, University of South Carolina, Columbia, South Carolina, USA.

2. "Autonomic Software Agents" by Dr. T. Chithralekha, Reader, Dept of Banking Technology, Pondicherry University, Pondicherry, INDIA.

3. "Agent Based Systems for Human Learning and Entertainment" by Dr. Hiranmay Ghosh, Principal Scientist, TCS Innovation Labs, Delhi, INDIA.

4. "Agent-Oriented Software Engineering" by Dr. Onn Shehory, IBM Haifa Research Lab - The Tel Aviv Site, Haifa University, ISRAEL

Keynote Talks:

1. "Societal Challenges for Multi-Agent Systems" by Prof. Michael N. Huhns, Director, Center for Information Technology, University of South Carolina, Columbia, South Carolina USA.

2. "Business Applications of Intelligent Agent, Multi-Agent (IAMA) Technology" by Dr. Ravi Gorthi, Prncipal Researcher and Head of Test Automation and Knowledge Engineering Labs at SET Labs of Infosys Technologies Ltd., Bangalore, INDIA.

3. "Autonomy at the Software Level" by Dr. Onn Shehory, IBM Haifa Research Lab - The Tel Aviv Site, Haifa University, ISRAEL

Registration:

Early Bird Rate (EBR) applicable for the conference from 15th April till 20th June 2009. Registrations after this period are considered as normal registration (NR).

For the details of registration fee pl. visit: http://ieeecs-madras.managedbiz.com/pgms/iama-2009-call-for-participation.pdf

To download the Registration Form pl. visit: http://www.iama09.org/registration.html

For more information please contact: Dr. R. Ponnusamy, Program Chair & Organizing Secretary, IAMA09, Aarupadai Veedu Institute of Technology Vinayaka Nagar, Old Mahabalipuram Road, Paiyanoor, Chennai. 603 104, Kancheepuram Dist. Phone: 044 - 27443801 / 04 / 08 / 09, Fax: 044 – 27443800, Mobile: 9952529143, E-mail: rponnusamy@acm.org

First Announcement and Call for Papers

International Conference on Wireless Communication and Sensor Computing

January 02 -04, 2010, Chennai, India

Organized by

SSN College of Engineering, Kalavakkam – 603 110, Chennai, India

in association with

IEEE Madras Section, IEEE Communications Society and IEEE Computer Society - Madras Chapter
Indian Nuclear Society, Cognizant, Chennai, HCL Technologies Ltd., Chennai and Infosys, Chennai

About the Conference : The International Conference on Wireless Communication and Sensor Computing aims to bring researchers, scientists, engineers and research scholars together, to exchange and share their experiences, new ideas, the research outcome of all possible aspects of Wireless Communication & Sensor Computing, to discuss the practical challenges encountered and the solutions adopted. Wireless Communication technologies and devices are rapidly converging to the creation of global wireless network. To build large and sustainable systems, the energy and bandwidth constraints are the present fundamental challenges in developing intelligent, distributive, collaborative, multi-modal networked objects that sense and act in wide areas and in unattended environments. For Wireless Sensor networks and real-time applications – quality of service, reliability, integrity, robustness and fault tolerance have become the key issues. Wireless Sensor networks would influence the world through their pervasive nature in remote distributive monitoring and control by taking advantage of the developments in wireless communication.

Call for Papers: Original contributions based on the results of research and development are solicited on the wide range of topics which include Distributed Algorithms, Security Issues, Cross Layer Design Issues etc. in WSN, Physical Layer Design of WSN, Topology Control and Management, Distributed Collaborative Information Processing, Algorithms and Modeling for Localization, Target Tracking and Mobility Management, Architectures of Sensor Networks, MAC Protocols for Sensor Networks, Performance Evolution and Modeling of Sensor Networks, Middleware and Service Architecture, Computation and Programming Models, Fault Tolerance and Security, Application of Network Coding to WSN, Abstractions for Modular Design, Cognitive Radio and Ad hoc Networks.

Prospective authors are requested to submit their papers in not more than 5 pages, prepared in two-column IEEE format. The paper should contain the e-mail address, postal address and affiliations of the author(s). Accepted papers will be published in the proceedings of the conference and **IEEE Explore,** provided at least one of the authors registers for the conference. The extended version of the selected papers will be published in the International Journal of Distributed Sensor Networks.

Pre-Conference Tutorial Topics:

Tutorial 1	**:**	Wireless Sensor Networks – by **Dr. S.S. Iyengar,** Louisiana State University, USA
Tutorial 2	**:**	Cognitive Radio – by **Dr. R. David Koilpillai**, IIT Madras, India and
		Dr. P. Hanumantha Rao, SAMEER, Chennai, India.

Registration Fee Details:

Category	Student		Academicians		Industrial Persons	
	IEEE Member	**Non-Member**	**IEEE Member**	**Non-Member**	**IEEE Member**	**Non-Member**
CONFERENCE *						
Indian (Rs.)	1500	2000	2500	3000	4000	5000
Foreign (US $)	100	150	200	200	250	250
TUTORIAL						
Indian (Rs.)	2000					
Foreign (US $)	50					

* For each accompanying person: Rs. 1500

Important Dates: Last date for paper submission – September 05, 2009
Acceptance notification – October 05, 2009
Camera ready copy & Registration – November 30, 2009

Contact Details: Organizing Secretary, ICWCSC 2010, SSN College of Engineering, Old Mahabalipuram Road, Kalavakkam – 603 110, Chennai, Tamil Nadu, India. Phone: +91-44-27475063/64/65.
Web: www.ssnicwcsc2010.in, **E-Mail**: icwcsc2010@ssn.edu.in

NACLIN 2009:
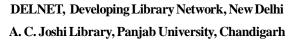## 12th National Convention on Knowledge, Library and Information Networking

Theme: Managing Knowledge, Technology and Change in Libraries

Venue: Panjab University, Chandigarh
Sep. 22 - 25, 2009

Organised by

DELNET, Developing Library Network, New Delhi

A. C. Joshi Library, Panjab University, Chandigarh

Supported by

IEEE Computer Society, Madras Chapter

Div II (Software), Computer Society of India

About the convention: Information and Communication Technologies (ICT) have transformed the functioning of modern libraries in the 21st century. The applications of ICT to data, information and knowledge resources have given rise to data centres, digital libraries, and knowledge repositories. New software that are based on international standards have emerged to undertake a wide range of jobs that suit the requirements of individual libraries. Rapid advances in the application of ICT have given rise to 'Open Standards and Open Source Software'. Libraries can benefit a great deal now by using these standards and software as during the last twenty-five years mostly rich libraries could afford to use commercial software. As a result, the transformation of libraries was not universal in India. Now with the advent of open source software, we expect that several libraries will be modernised. This transformation is not going to be limited to libraries only but to users as well who belong to different disciplines and walks of life as social networking is emerging as a major activity of libraries around the world. Libraries will have to use resources of other libraries through national and international networks in order to serve their users well. Keeping in view these developments, NACLIN 2009 is devoted to 'Managing Knowledge, Technology and Change in Libraries'. Experts from various disciplines including Library and Information Science will discuss the use of new technologies and the application of new concepts including digital library models, open source software, indigenous knowledge resources, databases in Indian languages, mobile technologies, IPR, Web 2.0 and other related issues at NACLIN 2009. The National Convention on Knowledge, Library and Information Networking (NACLIN 2009) is being organised by DELNET in collaboration with the Central Library, Panjab University, Chandigarh which has all the necessary facilities to demonstrate the use of the latest technologies.

Tutorials: Two full day tutorials on MARC 21; KOHA Open Source Library Management Software & RFID Applications in Libraries; Building Digital Resources

Convention Sub Themes: Open Source Software for Libraries; Knowledge Networking; Collection Development Strategies; Digital Libraries; Web 2.0 Technologies; Archiving Technologies and Initiatives; Public Access to Digital Resources; Copyright and Managing Change in Libraries

Who Should Attend?: Librarians, Professional Library Staff and other Library and Information Science Professionals, Knowledge Seekers, Leaders in Knowledge Industry, Government Officials, Content Management Experts, Information Management Experts, ICT Professionals, Professional Staff of IT Companies, Industrialists, Technology Managers, Knowledge Officers, Media Experts, Knowledge Centre Managers and Knowledge Managers

Registration Fee: Members of DELNET, CSI, IEEE, IEEE CS Rs. 2500 per delegate. LIS Professionals from Punjab, Chandigarh, Panchkula, Mohali: Rs 2,000 per delegate. For others: Rs. 4,000 per delegate. Additional delegates from the same organisation will be provided a discount of 25% on the registration fee. For accompanying person (non LIS professional, family member): Rs 1,000 per person for attending the Convention. Accommodation charges will be extra.

Last Date for Submission of Papers: August 15, 2009. For details, pl. contact: Dr. H.K. Kaul, email: hkkaul@delnet.ren.nic.in OR hkkaul@gmail.com

Last Date for Registration: September 15, 2009. For details, pl. contact: Dr. V. K. Anand, Organising Secretary, NACLIN 2009, email: pulib@pu.ac.in Phone: Phone: 0172-2548159 / 0172-2534551

For additional details, pl. visit Website: www.naclin.org

Technical Talk on "Enterprise Mobility"

A technical talk on the topic "Enterprise Mobility" by Mr. Mahesh N Iyer, Chief Operating Officer iPath Technologies Pvt. Ltd., Chennai was organized jointly by the IEEE Computer Society Madras Chapter and Computer Society of India, Chennai Chapter on Saturday, 23rd May 2009. Mr. S. Ramasamy, Chairman, CSI Chennai welcomed the gathering. Mr. H. R. Mohan, Chairman, IEEE Computer Society Madras after a brief on the growth in the communications field and tele-density in the country and the growing importance of enterprise mobility, introduced the speaker.

Mr. Mahesh, a certified information systems auditor with accountancy & costing background had held leadership positions in Information Systems & Technology, Finance and General Management and worked in India & Middle East in the Services & Manufacturing sectors and across multiple functional domains including Quality Assurance & HR. His area of specialty is Information Systems Strategy.

Mr. Mahesh began his talk with an excellent articulation of the "Value of Information". He said that the value of information reduces with time delay due to latencies. He then defined the term "Enterprise Mobility" as the ability for an enterprise to connect and control suppliers, partners, employees, assets, products, and customers from any location. He highlighted the perceived benefits mobile adoption.

The key mobile technology trends such as Explosion in consumption side technologies, Multiple Devices for mobile data experience, Multiple Communication Channels and Multiple Modes for Servicing were nicely explained along with the mobility trends and adoption in India. He then talked about the concept of 3600 mobilizations which comprises of "connect & collaborate", "Access to system actions", "event & periodic notifications" and "on demand access to information". He added that the concept of true mobility lies in making the "Enterprise" (People & Information) available on demand, contextually. He then presented the research findings and predictions of moving away from "silos" of applications to multilevel access gateway. Mr. Mahesh also covered several case studies and examples, including Receivables Management, e-Journalism and Insurance Marketing.

The talk, attended by about 50 participants was interactive with a no. of questions and sharing the observations by the participants. After the talk, Major General Balasubrahmaniam presented a memento to the speaker Mr. Mahesh and Mr. T.V. Kamalkkannan, Secretary, CSI Chennai proposed the vote of thanks.

2009 Honors Ceremony to be Streamed Live Through IEEE.tv

For the first time, the IEEE Honors Ceremony will be broadcast live on the Web through IEEE.tv. The 2009 Honors Ceremony will take place Thursday, 25 June at the Hyatt Regency Century Plaza in Los Angeles, Calif. at 6 p.m. Pacific Time.

The ceremony also will honor IEEE student members who were selected as winners in the inaugural IEEE Presidents' Change the World Competition. These students developed solutions to problems that benefit humanity.

A URL to view the Ceremony will be provided at the Awards web site www.ieee.org/awards at a later date. More on 2009 IEEE Honors Ceremony at (http://www.ieee.org/portal/pages/about/awards/HonorsCeremony/2009hc.html)

Visit our Website
www.ewh.ieee.org/r10/madras

Posted On : 24th June 2009
Posted at: Egmore RMS (Patrika)

TO: