Chairman's Message

Dr. T. Thyagarajan
thyagu_vel@yahoo.co.in

Esteemed Members,

During its monthly meetings, IEEE Madras Section executive committee deliberated on specific student member beneficial initiatives that could be started. One of the ideas was to financially assist finite number of student members in their final year projects. The members of Executive committee, on 19th July 2010, unanimously resolved to extend financial support for innovative student project scheme for IEEE student members and authorized the undersigned to formalize the modalities. The student members selected for such projects can proudly include the IEEE brand in their CVs while mentioning their project related achievements. In this connection, as a trial basis, the following guidelines are framed:. The initiative is subject to modifications based on experience from time to time.

1. The number of proposals from each institute having active IEEE student branch is restricted to TWO. (Initial screening can be done in the institute itself).

2. The number of students for each is to be minimum TWO and maximum of FOUR.

3. The proposals are to be submitted through the IEEE student branch counselor and the principal to the IEEE Madras section through e-mail, ieemas@airtelmail.in in the PDF format on or before 31st August 2010.

4. A certificate of the form typed below should be enclosed

   This is to certify that Mr/Miss ——— (Include names of all the team members along with their IEEE student membership number) are bonafide final year UG students. It is also certified that 15 page final project report along with utilization certificate signed by the project guide & Principal will be sent to the IEEE Madras Section in the PDF format through e-mail on or before 31st March 2011.

5. The information regarding the financial assistance will be intimated through e-mail on or before 30th September 2010.

6. The maximum amount that could sanctioned shall be Rs 15,000/ . Additional expenditure if any shall be borne by the institute itself

7. The Maximum number of projects that could be supported is TEN.

8. The project duration shall be for SIX months.

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

From The Editor's Desk

H.R. Mohan
hrmohan@gmail.com

Dear Friends,

LINK congratulates the following:

- Our chapter chairman, Dr. T.Thyagrajan for his recent visit to Okayama University & Nagoya University, Japan to present papers.

- Our execom member Dr. N. Kumarappan for his visit to Spain to chair the session on "Natural Computation Applied to Power System" and also to present two papers at the International Conference IEEE WCCI 2010 (IEEE-CIS) at Barcelona.

- Our student branch at Aruni Engineering College for having placed no. 2 in the IEEE R10 Student Branch Website Competition 2010.

- Ms. S. Sukanya of Velammal Engineering College, Chennai and Ms. Soumya Balasubramanian Iyer of SSN College of Engineering, the winners of Info Contest - 1006 who will receive a prize of Rs. 500/= each sponsored by SRA Systems

Our Section has been always student friendly. Now to encourage the student projects, financial support from the Section has been planned. The chairman's message outlines the details on how to get the financial support for the projects.

The prestigious M. V. Chauhan Students' Paper Contest – 2010, open to all the student members of IEEE on paper submission on any topic in the area of interest to IEEE, with attractive prizes ranging from Rs. 3000 to Rs. 6000, the first author of the top three papers will be invited for presentation. Rush your papers as the last date is 2nd Aug 2010.

The items reported in this issue of LINK include: National Conf. on Power Quality and Power Conversion Systems held at Anand Inst. of Higher Technology, Inauguration of IEEE & WIE activities for the year 2010 at Kongu Engg. College, Paper Presentation Contest & Training on Quantitative Aptitude at M. Kumarsamy College of Engineering and the Inauguration of student branch at Dr. NGP Inst. of Technology.

Detailed proceedings of the two events organized by the IEEE Computer Society namely, the Intl. Conf. on "Advances and Emerging Trends in Computing Technologies" hosted by SRM University and a Workshop on "Combating Cyber Crimes – Information Security and Digital Forensics" are published along with the Joint Progamme organized by the Section, IEEE CS, TMC & WIC on the Book Release and Presentation on "The ACE of Soft Skills: Attitude, Communication and Etiquette for Success".

Attention of readers is drawn to the Intl. Conf. on "Electrical Energy Systems" by the IEEE IAS along with SSNCE & Section, Intl. Conf. on "Communication and Computational Intelligence" at Kongu, Technical Seminar on "From Engineers to Innovators", Workshop on "Cloud Computing" plus few more events for participation.

A short article on "OpenStreetMap" and few interesting snippets also appear in this issue.

LINK requests the matter for publishing is sent by 8th of every month as per the guidelines available at http://ieeecs-madras.managedbiz.com/guidelines-matter-for-ieee-mas-link.pdf

PQPCS-10: National Conference on Power Quality and Power Conversion System at Anand Institute of Higher Technology

The IEEE student branch of Anand Institute of Higher Technology organized a one day National Conference on "Power Quality and Power Conversion System (PQPCS-10)", on 27th Apr 2010. The conference was inaugurated by Mr. M. Annamalai, Superintending Engineer, SE-Operations, Koratur, Chennai and Mr. N. S. Murali, Head/ Engg Dept, Rotork controls India Ltd was the chief guest. The function was started with lighting of kuthu vilakku by Dr. S. Arivazhagi, director of the institute and the welcome address was delivered by Mr.Shridharan, secretary of the college. The guests were introduced by Dr. T. A. Raghavendiran, principal and Dr. L. Premalatha, HOD/EEE. The guests delivered lectures in the area of Power Quality which is greatly influenced by voltage variations, voltage unbalance, frequency variations, flickering and harmonics and their solution techniques by means of suitable power conditioning technologies, active harmonic filtering, active current injection techniques, Improved Power Quality Converters etc and application of power electronics system used for energy conversion. .They stated such that, the generation of harmonics and reactive power flow in a power system is greatly influenced by the widespread use of power electronic converters in addition to other sources of harmonics and reactive power. The design, development and successful application of single-phase, power quality improvement converters in domestic, commercial and industrial environment has made possible the design and development of three-phase power quality improvement converters and their widespread use in different applications.

Also they dealt with a comprehensive review of power conversion configurations used for renewable energy generation, control approaches, performance on supply and load sides in terms of input power factor, THD and well-regulated, reduced-rippled dc output, power rating, cost and selection for specific applications.

After their talks, student's research presentation were started in different sessions highlighting new concepts in the field of "Power Quality and Power Conversion" and covered the design and implementation of various power conditioning technologies such as active filter, current injection rectifier and power electronics converter utilized for energy conversion. It also provided introduction to the state-of-the-art of power quality improvement and power conversion technology to students, researchers, designers and engineers.

In the valedictory function, after the student presentations, certificates were given to all the participants by Dr. T. A. Raghavendiran, principal and Dr.L.Premalatha, HOD/EEE. The function ended with vote of thanks by Mr. C. Ravichandran, Sr. Lecturer / EEE and followed by national anthem.

This National Conference provided the participants an excellent opportunity for developing interaction between academicians, industry experts and research scholars to discuss the latest emerging technology in the field of electric power quality, power conversion systems, energy management, power electronics and adjustable speed drives and share their experiences, expertise and further identity newer areas of research and cooperation. This had eventually opened opportunities to collaborate with many institutions and foster synergic partnership between industries and academic institutions. Behind the success of this function, lie the hard work of all teaching and non teaching staffs and young energetic IEEE students of Anand Institute of Higher Technology.

> **LINK Congratulates IEEE Student Branch of Arunai Engineering College for having ranked second place in the IEEE Region 10 Website Competition which attracted 32 entries this year. A Cash Prize of USD 350 and a Certificate has been awarded to them.**

Chairman's Message continued....

9. The format for the submission of the proposal is as given below

   a. Name(s) of student (s) with contact details (mobile, e-mail, mailing address)

   b. IEEE membership details

   c. Name of the Department

   d. Name of the College with address

   e. Name of the Guide with contact details (mobile, e-mail, mailing address)

   f. Title of the Project

   g. Brief description of the project (Objective, Methodology, Monthly action plan for 6 months)

   h. Budget allocation with break-up

   i. Signature of the students / Project guide / IEEE student branch counselor / Principal

I request you to kindly bring it to the attention of IEEE student members pursuing final year UG program of your college and advise the interested students to submit proposals in the format given above. I solicit your kind support and co-operation for the successful implementation of this scheme.

Dr. T. Thyagarajan, Chairman

Section Membership as on 15th July 2010

Life Fellow	-	1
Fellow	-	2
Life Senior	-	6
Senior Member	-	78
Life Member	-	4
Member	-	1646
Associate	-	106
Affliate	-	36
Graduate Student Member	-	929
Student Member	-	5371
Total	**-**	**8,179**

Inauguration of IEEE & WIE activities at Kongu Engineering College

The inauguration of the activities of the IEEE Student Branch and WIE affinity group of Kongu Engineering College was organized on 3rd July 2010.The function began with prayer song. Prof. Narayanan, staff co-coordinator of IEEE welcomed the gathering. In his address, he invited the students to actively participate in the events of the forum. He proudly mentioned that the KEC IEEE student branch has immense growth in its membership from 350 to around 500 this year.

Mrs. V. R. Saraswathy, staff co-coordinator introduced the office bearers for the year 20010-2011. She also announced the launch of IEEE Magazine "IEEE RESONANCE". The Year Plan of IEEE and WIE was presented by Mr. Narendar, Chairman of IEEE and Shruthi Sakthi, Chairperson of WIE.

Prof. S. Kuppuswami, Principal, KEC and Branch Counselor IEEE KEC presided over the function. He congratulated IEEE student branch for an overwhelmed growth rate in membership. He pointed out the importance of practical insights for developing the innovative ideas into worthy products.

Dr. P. Suresh Chander Pal, Chairman, Student Activities Committee, IEEE Madras Section, Executive Vice-Chair, IEEE India Council & Vice Chairman, IEEE Power & Energy Society, Madras Chapter was the chief guest at the function . In his address, Dr. Suresh Chnader Pal gave an overview of IEEE. He appreciated the students for their active participation and enthusiasm for organizing various events of IEEE and made them a grand success. H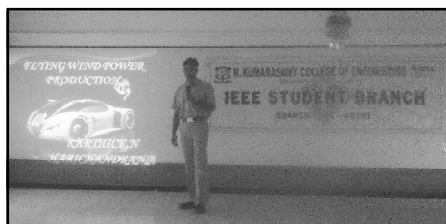e threw light on the contributions made by the Engineers in the field of medicine like Tongue driven system etc. He underlined the importance of professional ethics and the need for commitment to ethical values among young engineers. He suggested the students to indulge in social activities and spread awareness for the upliftment of women in the field of engineering. He also suggested to organize video conferences with professionals around the world.

To express the gratitude, Prof .K. Narayanan presented the memento to Dr. P. Suresh Chander Pal. The vote of thanks was proposed by Mr. G. Vinodh, Treasurer of IEEE student branch.

We had a very interesting meeting of interaction of the principal officers of IEEE Student Branch and WIE.with Dr.P.Suresh Chander Pal, in the afternoon, wherein various points, including the modalities for organizing video-conferencing, Distinguished Lecture Programme etc were discussed and the programme of activities, was drawn up for the coming months. The programme on 3rd July was very useful and the students and faculty thanked Dr. Suresh Chander Pal for his impressive presentation and valuable inputs.

Report by: Neha Gupta, Secretary, WIE affinity group IEEE, ehagupta48@gmail.com

Paper Presentation at M. Kumarasamy College of Engineering

The inauguration of IEEE student branch activities M. Kumarasamy College of Engineering for the odd semester was held on 18th June 2010 with a paper presentation contest. Out of forty two papers submitted by IEEE members of various departments, top eight papers were short listed for presentation. The juries were Ms. S. Chitra, Lecturer/EEE and Mr. Praveen Daniel, Lecturer/EEE. Each presenter was given eight minutes including 2 minutes for queries. During the queries session there was good interaction between the participants and the audience.

During the prize distribution session, welcome address was given by Ms. P. Soundariya of pre-final year (EEE).Among the eight presentations; the first prize was won by N.Karthick and A.Harichandran of pre-final year EEE for their paper on "Flying wind power production". The prize was distributed by Prof. K.Sundararaju, IEEE Student Branch Counselor. Mr.Gouthaman J, Chair of IEEE SB gave a brief about the programs scheduled by IEEE student branch in co-ordination with WIE & COMSOC during this semester. Certificate of Participation was given to all the participants. Ms. Sangeetha S of pre-final year EEE proposed the vote of thanks and the programme ended with National Anthem.

Report by: S. Sathish kannan, ieeemkce@gmail.com

IEEE General Body Meeting at Sri Krishna College of Engineering and Technology

IEEE student branch of Sri Krishna College of Engineering and Technology, Coimbatore, conducted its first general body meeting for the year 2010 on 6th July, 2010. Prof. Muthuraman Ramasamy, Branch Counselor, IEEE student branch faculty Advisors, Mr.N.Krishna Prakash, Mr. V. Nandalal and 40 IEEE members attended the meeting. The executive committee submitted the report about the events organised in the past and gave a briefing on the forthcoming events. The meeting concluded with the members suggesting events that they would like to see being organised by IEEE in the future. The meeting gave an opportunity for the members to interact with the core committee members.

Report by: Mr N Krishna Prakash, IEEE Student Branch Faculty Advisor, krishnaprakash@ieee.org

International Conference on Advances and Emerging Trends in Computing Technologies

ICAET-10, the International Conference on Advances and Emerging Trends in Computing Technologies was hosted by the SRM University during 21-24, Jun 2010. The event was supported by the CSI Div IV & II, IEEE Computer Society Madras Chapter and University of Arkansas, Little Rock, USA Yahoo India & EMC sponsored the event.

The first day of the conference, provided the participants with the much needed fundamental ideas and concepts towards the theme through seven pre conference tutorials on June 21st, 2010.

1) Mr. P. Ilayaraja, from Rediff.com delivered a tutorial on Large Scale Data Processing and Storage

2) Mr. S. Sudarsun, of Burning Glass Technologies and Prof Venkatesh Raman of Institute of Mathematical sciences presented tutorials on Text mining and Recent Trends in Algorithms, respectively.

3) Dr. Hugh Glaser, Professor from University of Southampton, UK, gave tutorial on The Semantic Web and Linked data

4) Tutorial on the Emerging technology, Cloud computing was delivered by Mr. Lakshmi Narayana Rao and his team from JAM Cracker Inc, Bangalore

5) Day 1 also witnessed two workshops which provided hands-on-training for the participants one on Cyber Forensics was conducted by Mr. Satheesh Kumar and Mr. K.L.Lloyd, Senior Scientific Officers from CDAC-Trivandrum and Mr. Padmanaban Ramaswamy, Director NexG Tech Labs, trained the Participants on OPNET Modeler.

On 22nd June, ICAET10 had its formal inauguration. Honourable Vice Chancellor presided over the inaugural function. Mr. Manish Mehta, Chief Delivery Officer, Mahindra Satyam was the Chief Guest and delivered the inaugural address. Dr. Kinji Mori, Professor from Tokyo Institute of Technology, released the Conference Proceedings and Dr. Anthony Cohn, Professor, University of Leeds delivered the Keynote Address.

After the Inauguration, plenary lectures and paper presentations, in the areas of Image Processing, Data Mining and Network Security were held. Dr Teruo Higashino, Osaka University, Japan delivered a plenary lecture on his ongoing Research Project - E-Triage-Designing Advanced Electronic Triage System for efficient Rescue Operations. Repositories and Linked Data was the Lecture topic by Dr. Hugh Glaser from University of Southampton. The session on Network Security had a plenary lecture by Dr. Di Ma, University of Michigan-Dearborn, USA on the topic Intrusion Resilience for Unattended Wireless Sensor Networks. After a day full of technical talks and presentations, ICAET10 relaxed and entertained its guests and participants through a classical dance performance by Ms. Lakshmi Ramaswamy and her disciples in the evening.

On Day 3, technical sessions on Wireless Networks, AI, and Multimedia and Web Technologies took place in parallel sessions. Day 3 had the following 5 plenary lectures and one invited talk:

1) Dr. Srinivas Sampalli, Dalhousie University, Canada presented his lecture on the topic RFID and the Internet of Things.

2) Dr. J. N. Reddy, Distinguished Professor from Texas A & M University spoke on the current trends and future directions in computational Mechanics.

3) Concept oriented IT & Strategic R&D-Autonomous De Centralized system was the topic of the talk by Dr. Kinji Mori, Renowned Expert on Autonomous and Decentralized computing from Tokyo Institute of Technology.

4) Dr. Anthony Cohn, University of Leeds, UK delivered a lecture on Mining Video Data.

5) Dr. G.R. Liu, from National University of Singapore shared his views on Real Time Computation Models based on the W2 formulation for inverse analysis of Engineering Systems.

Invited Talk on Physical Computing: Introductory Education of the Embedded System using one chip microcomputer was given by Dr. Kazuaki Tanaka from Kyushu Institute of Technology, Japan. ICAET10 had a unique session of its own, "Women in Computing" on Day 3 which had presentations from Dr. Di Ma, Dr. Bina Ramamurthy, Denise E.M. Penrose, Editorial Director, Elsevier, Asia Pacific, Dr. Sangeeta Bhattacharya, Intel Labs, India, and Dr. Mitun Bhattacharya and also witnessed a Panel Discussion.

On the last day, ICAET10 showcased a plenary lecture by Dr. Bina Ramamurthy Professor from SUNY, Buffalo on Cloud Computing, an invited talk on the Role of Computation in Neoclassical Applied Mathematics by Dr. Phil Broadbridge from La Trobe University, Australia and research presentations on Advanced Networks.

In a nutshell, out of the 307 papers received for ICAET10 from around 10 countries, 84 papers were selected based on expert review, 73 papers were registered and 60 papers were presented in the conference. Out of the 10 International Papers selected, 8 were presented during the conference.

Report by: Prof. S. Rajendran, SRM Univ., & Mr. H.R. Mohan, Chairman, IEEE CS

IEEE

MADRAS SECTION

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 27th edition in the series of 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.

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.

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.

Info Contest – 1007

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

A. **Provide answer.**

A1. Who is considered to be the "first computer programmer"

A2. Who is considered to be the "mother of COBOL language"

A3. Name the first woman to receive the ACM's Turing Award

A4. "What's happening?" is the tagline of ———

A5. The ——— button in Google Search takes one to the first web page returned for your query

B. **Provide the answer.**

B1. Bada is a mobile operating system being developed by ———

B2. Nokia, the largest mobile devices company was started as a ———

B3. Airtel recently acquired the South African assets of MTN / Zain. Select the right one

B4. Egypt / Dubai launched the first internet domain name to use the Arabic script. Select the right one

B5. ICANN Board recently approved the Dot-XXX domain names for Porn sites. True / False

C. **Fill in the blanks.**

C1. India's first Business Process Outsourcing (BPO) facility in jail is at ———

C2. ——— is being claimed to be first ever web browser developed in India

C3. Amazon.com was formerly known as ———

C4. ——— Keyboard is supposed to be more efficient than Qwerty Keyboard

C5. A ——— is a way of interlinking related web sites so that people can visit many similar web sites

D. **Provide the answer.**

D1. ——— has been voted the word of the World Cup by global linguists

D2. The Big Four are the four largest international accountancy and professional services firms and it includes PwC, E&Y, KPMG and ———

D3. London : Eye = Singapore : ———

D4. "Formua One" is associated with ———

D5. Sania : Tennis = Saina : ———

E. **Provide the answer.**

E1. The symbol for the Indian Rupee is the amalgam of Roman R and ———

E2. Rand is the currency of ———

E3. The UAE currency is Dinar. State True / False

E4. Though Sweden is a European country, it does not use the "Euro" and its currency is ———

E5. The currency of Egypt is Pound and is divided into 100 ———

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

In the Subject,

• Write the Contest No. (Info Contest – 1007) in the subject line.

In the body of the mail,

• In the first line, write the contest No: Info Contest – 1007

• 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 Aug 2010.

Info Contest – 1006
Answers & Winners

Answers:

Network Topologies, Capex, False, Cray Jaguar, hexadecimal
UX, 38617crores, Robotics, 302, Google TV
Vector, Taxonomy, Murphy's Law, Autonomic, HINT
UK, Uruguay, Brazil, Mexico, Ranji Trophy
Zukumi, Pentagons, indoor, Korea, Calcutta

Winners:

Ms. S. Sukanya
Velammal Engineering College, Chennai
Mem No. : 90741340
Email: sukanyatechnosports@gmail.com

Ms. Soumya Balasubramanian Iyer
SSN College of Engineering
Mem No. : 90748930
Email: somi.iyer@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 "Combating Cyber Crimes: Information Security and Digital Forensics"

A one-day workshop was organized by Cyber Society of India in association with Div IV of Computer Society of India, IEEE Computer Society, Madras Chapter and ISACA Madras Chapter at University of Madras on 2nd Jul 2010 Shri. R. Ramamurthy, Chairman of CySI welcomed the participants. Highlighting the coverage areas in the workshop, he spoke about the activities of CySI in its objectives of increasing awareness about cyber crimes.

Dr. R. Thilagaraj, Head, Dept of Criminology, University of Madras inaugurating the workshop spoke on the present day scenario in criminology especially cyber criminology and lauded the efforts of NGO's like CySI touching upon the areas where academic institutions can play a greater role. He underlined the increasing interest shown by youngsters in the area of data security as seen by the increased response to courses like M.Sc. Cyber Forensics offered by Madras University.

Mr. H.R. Mohan, Chairman, CSI Div IV & IEEE CS in his brief address stressed the need for creating awareness on cyber crimes in the context of increased use of Internet and broadband services for various sensitive activities such as banking, online shopping etc.,

Shri R Vittal Raj, the noted Information Security consultant gave an excellent presentation on information security, the threats and vulnerabilities. Highlighting the challenges of today in the area of information security and the threats of botnets and zombies, he recommended a cautious approach for all the netizens especially in the light of dangers posed by professional hackers and cyber attackers organized as hackers' groups and other unorganized forums.

This session was followed by a panel discussion with Dr. M. Sudhakar, Additional Deputy Commissioner of Police, Cyber Crime Cell, Chennai, Shri. A. Kandasamy, Asst Commissioner of Police, Bank Fraud Cell, Shri. R. Charuhasan, Advocate as panelists. Shri Ramamurthy moderated the panel. Dr. Sudhakar initiated the discussion citing instances from his

vast experience in the areas of cyber crime investigation. Shri. Kandasamy quoted instances of credit card frauds, skimming frauds and the role of banks, highlighting the responsibilities of bank personnel in combating card related frauds. Shri. Charuhasan spoke about the need to strengthen the existing laws especially the provisions of IT Act to deal firmly with cyber offences. Questions fielded by participants were replied in an enthusiastic manner by Dr. Sudhakar. The session was very lively with active participation from everyone.

Shri. V. Rajendran, Secretary of CySI spoke on the relevance of IT Act and the evidentiary mechanism dealt with in it. He described the various provisions of IT Act as amended in 2008 especially in areas dealing with maintenance of e-records and provisions relating to submission of e-records as evidences.

In the post lunch session, Smt. Kalavathy of State Forensics Dept., spoke about the digital forensics, computer hard-disk, mobile phone etc narrating instances of how forensics evidences are dealt with. Shri.Venkatesan of Lab Systems India Pvt Ltd, the main sponsors of the event, gave an interesting and useful lecture on the importance of hard-disk evidence, techniques of capturing evidences. Drawing from his rich experience of dealing with different cyber crimes and computer related offences, he spoke about the significance of forensics tools and the evidentiary values from the tools. Shri. Yadav, also from Lab Systems, gave a vivid presentation of their forensic tool EnCase and its usefulness in the police departments throughout the country and abroad too.

Shri. S.N. Rvichandran from CySI, Coimbatore shared his experiences in investigating and assisting the police in the area of cyber crime, especially in bank fraud cases. He highlighted the practical problems faced by the investigators right from the stage of enquiry, FIR and until the stage of final conviction.

Participants enquired about the effectiveness of various tools like EnCase in the field of cyber crime investigations and evidences. At the end of the workshop, a technical demo was also arranged.

Report by Mr. V. Rajendran, Secy, CySI & Mr. H.R. Mohan, Chair, Div IV, CSI & IEEE CS

First Announcement and Call for Papers

International Conference on Electrical Energy Systems (ICEES – 2011)

January 03-05, 2011, Chennai, India

Website: www.icees2011.org

Organized by

SSN College of Engineering

in association with

IEEE Madras Section
EEE Industry Applications Society, Madras Chapter.

Important Dates:

Paper Submission Due	:	16th August 2010
Notification of Acceptance	:	30th September 2010
Final Paper Submission	:	1st November 2010
Conference Registration Commencement	:	1st November 2010
Last day for Conference Registration	:	15th November 2010

Contact Details:

Organizing Secretary, ICEES 2011, SSN College of Engineering, Old Mahabalipuram Road, Kalavakkam – 603 110, Chennai, Tamil Nadu, India. Phone: +91-44-27475063/64/65.
E-Mail: icees2011@ssn.edu.in

Book Release and Presentation on "The ACE of Soft Skills: Attitude, Communication and Etiquette for Success"

IEEE Madras Section, IEEE Computer Society, Madras Chapter, IEEE Technology Management Council, Madras Chapter, IEEE Madras Women in Engineering Affinity Group and Computer Society of India, Chennai Chapter jointly organized the book release & presentation on "The ACE of Soft Skills: Attitude, Communication and Etiquette for Success" by Prof. Gopalaswamy Ramesh, Author, Consultant and Adjunct Professor, International Institute of Information Technology, Bangalore (IIIT-B), Amrita School of Business, Coimbatore & SSN School of Management and Computer Applications, Chennai on Saturday, 22nd May 2010.

Prof. Thyagarajan, Chairman, IEEE Madras Section welcomed the gathering. Mr. K. Srinivas, Publishing Manager – Higher Education & Professional, Pearson Education - the publishers of the book provided an overview of the book and context in which it was published. Prof. Kasi. Rajagopal, Chairman, IEEE India Council formally released the book and the first copy was received by Mr. H.R. Mohan, Chairman, IEEE Computer Society.

To create and nurture successful professionals, one needs to instill a strong measure of the so-called soft skills — an abstract (and somewhat nebulous) concept, which is, in fact, a compendium of several components like attitude, abilities, habits, practices, communication, etiquette that are combined adeptly to maximize one's work effectiveness. To succeed in today's—and tomorrow's—competitive environment the acquisition, cultivation and fine-tuning of soft skills is highly essential. The book authored by Prof. Gopalaswamy Ramesh and Dr. Mahadevan Ramesh (published by Dorling Kindersley (India) Pvt. Ltd, licensees of Pearson Education in South Asia) which was released covers soft skills which need to be a part of the educational process that produces top-notch professionals.

This book should be an ideal companion to company sponsored orientation programmes for new employees. Undergraduate students nearing graduation would also find this text useful and may want to incorporate this in their preparation for campus interviews and so on. This can be used as an ideal textbook for a one- or two-semester, non-credit or informal course

during the final year of engineering or MBA/MCA courses. Even experienced employees and managers will find this book useful and HR departments should be able to design short courses and workshops based on the material covered in this book. This is a values-based book and, therefore, one can view this book as a general book on work ethics and organizational behaviour, whether you work in the corporate sector or not.

After the book release, Mr. K.V. Rupchand, Chairman, IEEE-TMC Madras Chapter introduced the speaker Prof. Gopalaswamy Ramesh. In his presentation,

Prof. Ramesh highlighted the salient points of Soft Skills covered in the book under three parts and 40 chapters as under.

1. Attitude: Big Picture, Pride, Passion and Process; Vision; Personal Accountability; Teamwork and You; Diversity Awareness; Lifelong Learning; Performance-expectations Management; The Art of Time Management; Stepping Up to the Plate; When Things Go Way Wrong at the Workplace; Tying It All Together: Work Your Way to Success.

2. Communication: Understanding the Communication Cycle; Distortion in Communication; The 'Why' and 'To Whom' Parts of Communication: Knowing the Objective of Communication and Audience Analysis; Preparing for the Communication; Listening Skills; Body Language; Vocal Variety: Using the Voice Channel; Visual Aids; Putting It All Together; Resumé Writing; Interviews; Meetings; Proposals; Status Reports; Giving and Receiving Feedback; Performance Appraisals; How to Present Bad News; Presenting to the Senior Management.

3. Etiquette: Phone Etiquette; E-mail Etiquette; Foreign Business Trips; Visits of Foreign Counterparts; The Big Deal About Small Talk; Respecting Privacy; Learning to Say 'No'; The Role of Humour in the Workplace; English-language Skills; Reach for the Moon.

The presentation was interactive with a no. of questions coming from the participants. After the presentation, Mrs. M. Ramalatha, Chairperson, WIE presented the memento to Prof. Ramesh. Mr. B. Srinivasan, Treasurer of Computer Society of India, Chennai Chapter proposed the vote of thanks. Arrangements were made for the signed copies of the book at 25% discount.

Inauguration of IEEE Student Branch at Dr. N.G.P. Institute of Technology

The "IEEE Student Branch" of Dr. N.G.P. Institute of Technology was inaugurated on 7th July 2010 in their campus. Principal Dr .S .Dhandapani welcomed the gathering. Dr.Thavamani D Palaniswami, Mg.Trustee, Kovai Medical Center & Hospital, Jt. Mg. Director, KMC Res. & Edl. Trust and Secretary delivered the presidential address. She wished the IEEE student community grand success to serve the humanity.

Dr. P. Suresh Chander Pal, Executive Chair, IEEE India Council & Chairman-Student Activities, IEEE Madras Section was the Chief Guest of the function. He delivered his address by highlighting the importance and salient features of IEEE and the benefits for the engineering student's community to increase their knowledge and networking with the global engineering community. He highlighted the importance of joining IEEE and participation in the activities which help to transform creative ideas into reality & make technology useful to the society. He also emphasized the importance of IEEE Women in Engineering affinity group.

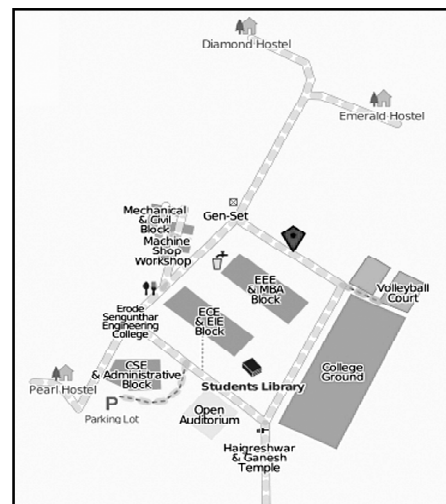The Logo of the Student Branch was released to the accompaniment of music.

Dr. NGPIT IEEE Student Branch Counselor, Dr. K. Porkumaran, who is also the Vice-Principal, thanked the gathering for their participation and spoke on the interest shown by students. The President of KMCH Dr.U.K.Anandapadmanathan, CEO, Dr. O.T. Bhuvaneswaran, Professors and about 300 students participated in the function.

The principal officers of IEEE were introduced to the Chief Guest. Various Committees were formed and they assured the Chief Guest to organize Video-Conferencing, Distinguished Lecture Programme and conduct interesting and useful activities for the social and technical upliftment of the society. They promised to improve the quality of life through the adoption of humanitarian technology and follow the IEEE code of ethics, as explained interestingly, by the Guest speaker.It was a very useful program and students were immensely benefited and expressed their willingness to join IEEE in large numbers.

OpenStreetMap

OpenStreetMap (OSM) is a collaborative project to create a free editable map of the world. OSM was founded in July 2004 by Steve Coast. The project was started because most maps you think of as free actually have legal or technical restrictions on their use, holding back people from using them in creative, productive, or unexpected ways. The maps are created using data from portable GPS devices, aerial photography, other free sources or simply from local knowledge. Anyone who knows the details of a place can register and add the data they know about their area. A full fledged wiki site is also available to provide information regarding mapping in OSM.

Both rendered images and the vector graphics are available for download under a Creative Commons *Attribution-ShareAlike 2.0* license which can be used by any one for any purpose. OpenStreetMap was inspired by sites such as Wikipedia; the map display features a prominent 'Edit' tab and a full revision history of the changes made in the map data is maintained. Registered users can upload GPS track logs and edit the vector data using the given editing tools either on-line or off-line. A annual conference about the progress of OpenStreetMap is organized in the name "State Of The Map" by the OSM Foundation.

The mapping activity on OSM is being perused by many people as a hobby; as the data set in OSM allows one to add very intimate data to the extend of park-benches and trees, the map is virtually never finished and the contribution is always welcome. The key areas which differentiate OSM from other commercial mapping services are: the ability to download data for use in any form, the ability to include any kind of map data including power lines, pipelines etc., and major one of all it allows anyone to add any kind of map data which are accepted without any moderation or time lag.

Separate mapping projects for various countries have been started on-line and have been progressing steadily. In India too, various activities are carried out to improve the data available. In February 2008, Schuyler Erle and Mikel Maron held a series of multi-day workshops in several India universities. Researchers, students, and members of the community were invited to participate, learn, and take stewardship of their city. These were very practical, hands-on days, covering the entire tool-set of OpenStreetMap and empowering participants to lead the growth of free and open mapping in India.

A number of students have taken OSM as the base for their project work. The image shows the map of Erode Sengunthar Engineering College created on the OSM. For more information refer the following websites: Map site: http://openstreetmap.org; India specific map site: http://openstreetmap.in; Wiki site: http://wiki.openstreetmap.org

Article by : P.Arunmozhi,
Erode Sengunthar Engineering College,
E-mail: arunmozhi@ieee.orgy,

Murphy's Technology Laws

1. You can never tell which way the train went by looking at the track.

2. Logic is a systematic method of coming to the wrong conclusion with confidence.

3. Whenever a system becomes completely defined, some damn fool discovers something which either abolishes the system or expands it beyond recognition.

4. Technology is dominated by those who manage what they do not understand.

5. If builders built buildings the way programmers wrote programs, then the first woodpecker that came along would destroy civilization.

6. The opulence of the front office decor varies inversely with the fundamental solvency of the firm.

7. The attention span of a computer is only as long as it electrical cord.

8. An expert is one who knows more and more about less and less until he knows absolutely everything about nothing.

9. Tell a man there are 300 billion stars in the universe and he'll believe you. Tell him a bench has wet paint on it and he'll have to touch to be sure.

10. All great discoveries are made by mistake.

11. Always draw your curves, then plot your reading.

12. Nothing ever gets built on schedule or within budget.

13. All's well that ends.

14. A meeting is an event at which the minutes are kept and the hours are lost.

15. The first myth of management is that it exists.

16. A failure will not appear till a unit has passed final inspection.

17. New systems generate new problems.

18. To err is human, but to really foul things up requires a computer.

19. We don't know one millionth of one percent about anything.

20. Any given program, when running, is obsolete.

21. Any sufficiently advanced technology is indistinguishable from magic.

22. A computer makes as many mistakes in two seconds as 20 men working 20 years make.

23. The faster a computer is, the faster it will reach a crashed state.

24. Nothing motivates a man more than to see his boss putting in an honest day's work.

25. Some people manage by the book, even though they don't know who wrote the book or even what book.

26. The primary function of the design engineer is to make things difficult for the fabricator and impossible for the serviceman.

27. To spot the expert, pick the one who predicts the job will take the longest and cost the most.

28. After all is said and done, a hell of a lot more is said than done.

29. Any circuit design must contain at least one part which is obsolete, two parts which are unobtainable and three parts which are still under development.

30. A complex system that works is invariably found to have evolved from a simple system that works.

31. If mathematically you end up with the incorrect answer, try multiplying by the page number.

32. Computers are unreliable, but humans are even more unreliable. Any system which depends on human reliability is unreliable.

33. Give all orders verbally. Never write anything down that might go into a "Pearl Harbor File."

34. Under the most rigorously controlled conditions of pressure, temperature, volume, humidity, and other variables the organism will do as it damn well pleases.

35. If you can't understand it, it is intuitively obvious.

36. The more cordial the buyer's secretary, the greater the odds that the competition already has the order.

37. In designing any type of construction, no overall dimension can be totalled correctly after 4:30 p.m. on Friday. The correct total will become self-evident at 8:15 a.m. on Monday.

38. Fill what's empty. Empty what's full. And scratch where it itches.

39. All things are possible except skiing through a revolving door.

40. The only perfect science is hind-sight.

41. Work smarder and not harder and be careful of yor speling.

42. If it's not in the computer, it doesn't exist.

43. If an experiment works, something has gone wrong.

44. When all else fails, read the instructions.

45. If there is a possibility of several things going wrong the one that will cause the most damage will be the one to go wrong.

46. Everything that goes up must come down.

47. Any instrument when dropped will roll into the least accessible corner.

48. Any simple theory will be worded in the most complicated way.

49. Build a system that even a fool can use and only a fool will want to use it.

50. The degree of technical competence is inversely proportional to the level of management.

51. Any attempt to print Murphy's laws will jam the printer.

Scrabble - at its best

DILIP VENGSARKAR
When you rearrange the letters:
SPARKLING DRIVE

PRINCESS DIANA
When you rearrange the letters:
END IS A CAR SPIN

MONICA LEWINSKY
When you rearrange the letters:
NICE SILKY WOMAN

DORMITORY
When you rearrange the letters:
DIRTY ROOM

ASTRONOMER
When you rearrange the letters:
MOON STARER

DESPERATION
When you rearrange the letters:
A ROPE ENDS IT

THE EYES
When you rearrange the letters:
THEY SEE

A DECIMAL POINT
When you rearrange the letters:
IM A DOT IN PLACE

AND FOR THE GRAND FINALE

MOTHER-IN-LAW
When you rearrange the letters:
WOMAN HITLER

Top 25 Interview Mistakes— and How to Avoid Them

Familiarize yourself with the list that follows so that you know which actions are inappropriate, what comments to avoid, and what not to forget. You will be glad you did—it could mean the difference between getting hired and getting passed over.

1. **Don't be late.** Be sure to allow yourself ample time to get to your interview. Be sure to factor in unexpected circumstances, such as train delays or heavy traffic. If you know you're going to be late, get to a phone at all costs so you can let your interviewer know—and apologize.

2. **Be prepared to describe your experiences.** An interview is a test—and you should never walk into a test unprepared. Take time to prepare your success stories, and think about how you would handle the questions your interviewer might ask. Practice describing your experiences aloud or conduct practice interviews with friends.

3. **Don't answer questions with only a "yes" or "no."** Your interviewer needs to get to know you, and that will be very difficult if you don't volunteer information about yourself. Be sure to support your answers with stories and examples.

4. **Don't fidget.** If you are tapping your foot, playing with a bracelet on your wrist, or constantly shifting in your seat, you won't look professional. And if you don't look professional, you won't get hired.

5. **Don't speak too quickly.** You may want to get in a lot of information, but you don't want to speak so fast that your interviewer can't understand you. Take a deep breath before you begin answering questions and slow down. Conduct a practice interview with a friend to make sure that your speaking voice is steady and even.

6. **Make eye contact.** If you avoid making eye contact, you will be unable to establish a personal connection with your interviewer. You should be *attentive* and *engaged* in what your interviewer is saying.

7. **Research the company.** Q: "What do you know about our firm?" A: "Uh . . . not much." Answers like this will not get you hired. Similarly, when your interviewer asks if you have any questions, you don't want to answer with, "Yeah. What exactly does this company do?"

8. **Don't lie.** Don't lie about or embellish your job experiences or academic record. Your interviewer is going to check these things.

If an interviewer catches you lying, you won't be hired. If your employer finds out about your misrepresentation after you've been hired, you will be fired.

9. **Make sure you answer the question asked.** You want to use your success stories in the interview, but you should be careful to always answer the question being asked. Don't be so intent on launching into a story that you avoid the question altogether—your interviewer will notice.

10. **Don't reveal too much.** Your interviewer is neither your best friend nor your therapist. She wants to learn about the skills and qualities you will bring to a job. She does not want to hear about your personal life or problems.

11. **Make sure you "sell" yourself when you answer questions.** You should answer questions in a way that demonstrates the qualities that will serve you on the job. If you are asked how your best friend would describe you, don't say, "She thinks I'm a fun person and that I have great fashion sense." Instead, say something like, "I think my best friend would describe me as loyal and dependable. People always know that they can count on me."

12. **Don't speak poorly of or belittle past job experiences.** Disparaging other employers or jobs will make you sound unprofessional, negative, and hostile. And it will make the interviewer wonder what you would say about *his* or *her* company to others. Try to focus on what you learned from other jobs.

13. **Don't dress too casually.** Your interviewer wants to hire a responsible professional. Make sure you look like one.

14. **Be sure to ask questions about the company.** By asking some good questions, you will prove that you are *interested* in the job—and that you were *motivated* enough to research the position and the company.

15. **Don't forget to send a thank-you note.** Demonstrate your professionalism and courtesy by sending a note. You will also be more likely to stand out in the interviewer's mind with this reminder of the interview.

16. **Be sure to thank the interviewer at the end of the interview.** In the business world, a little courtesy goes a long way. Your interviewer will appreciate and notice your good manners.

17. **Don't forget to bring a few extra resumes to the interview.** You may be asked for another copy of your resume, and you may have to submit an extra copy with any forms you have to fill out. Make sure that you're prepared.

18. **Be sure to prepare a list of references.** Type up your references (with contact information) for your interviewer. Your interviewer will *not* be interested in taking down all the names and numbers by hand, and it will be an inconvenience if you have to send the information at a later date.

19. **Don't forget your interviewer's name.** You should always bring a note pad (preferably in a professional leather portfolio) to an interview. Write down the interviewer's name if you think you won't be able to remember it. Thank the interviewer by name at the end of the interview.

20. **Don't go to an interview on an empty stomach.** Remember when you took your SATs? You were probably warned not to take the test without eating, even if you usually skipped breakfast. The same goes for interviews. You will feel more alert if you've had a nutritious meal, and you won't get hungry if the interview ends up lasting much longer than you had anticipated. And, of course, you won't have to worry about your stomach rumbling in the middle of a question.

21. **Don't use filler words and slang.** Nothing makes you sound more unprofessional than peppering your speech with *like* and *y'know*. Likewise, nothing will alienate your interviewer more than dropping slang into your responses. If you can't speak like a professional, your interviewer will question whether he or she can trust you to interact with clients or supervisors.

22. **Don't chew gum, eat, or smoke.** These are obvious no-nos.

23. **Don't answer your cellular phone or pager.** Turn off your cell phone or beeper before you get to the interview.

24. **Don't interrupt the interviewer or talk excessively.** Don't ramble or go off on tangents. You want to tell your stories and give the interviewer a good sense of your accomplishments, but make sure you don't cut the interviewer off or preclude her from asking questions. She has limited time to speak with you.

25. **Don't freeze up.** Relax! It's only an interview. If you're well prepared, you should feel confident and stress free. Smile and be yourself. Your interviewer wants to hire a person, not a robot.

Announcement and Call for Papers

INCOCCI – 2010

International Conference on Communication and Computational Intelligence

27 - 29 December 2010

Organized by

School of Communication and Computer Sciences
School of Computer Technology and Applications
Kongu Engineering College
Perundurai – 638 052. Erode, Tamilnadu, INDIA
Website: www.kongu.ac.in

Call For Papers: Papers are invited on topics related, but not limited to the following areas (Focus may be given to research and application).

1. Advanced Networks: 3G/4G Networks; Sensor/Ad hoc Networks; Wi Fi/WiMaX; High Performance Networks; Peer-to-peer Networks; Quality of Service (QoS); Multimedia Network and Applications

2. Communication and Embedded Systems: Digital Signal and Image Processing; Microwave and RF; VLSI and SoC Design; Optical Communication; RTOS; Remote Sensing; Digital System Design; Antenna Design

3. Computational Intelligence: Artificial Intelligence and Expert Systems; Virtual Reality; Optimization Techniques; Human Computer Interaction; Agent Based Intelligent Systems; Bioinformatics and Biometrics; Computational Linguistics; Automation and Robotics

4. Advanced Computing: Cloud Computing; Pervasive Computing; Quantum Computing; Grid Computing; Nano Computing; Distributed and Parallel Computing; Wearable Computing; Ubiquitous Computing

5. Information Systems and Security: Data Mining and Data Warehousing; Advanced Databases and Information Retrieval; Reengineering; Information Theory and Coding; Information and Network Security; Software Engineering

6. Internet Technologies: SOA Tools and Services; E-Commerce/M-Commerce and Applications; Web Based Knowledge Management; Ontology and Semantic Web; Cyber Security Internet Protocols

The selected papers will be published in the International Journal of Information and Communication Technology, Inderscience publishers, UK or in IEEE Explorer

Key Dates: Submission of Full Paper: 02.08.2010. Notification of Acceptance: 04.10.2010 Submission of Camera Ready Paper: 29.10.2010

Contact Address: Dr. P. Thangaraj, Coordinator, INCOCCI-2010, Dean, School of Computer Technology and Applications, Kongu Engineering College, Perundurai – 638 052, Erode, Tamilnadu, INDIA

Phone: 91 4294 226590/220562 :: Fax: 91 4294 220087 :: E-mail: incocci2010@kongu.ac.in

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IEEE Technical Seminar 2010

Theme: 'From Engineers to Innovators'

20 - 21, August 2010

Organized by

IEEE Madras Section & IEEE Student Branch
Jeppiaar Engineering College [JEC]
Jeppiaar Nagar, Rajiv Gandhi Salai
Chennai – 119, Tamil Nadu, India.

Co-Sponsored by

IEEE Madras Section

Important dates

Last date for registration:15th Aug 2010

For registration and details pl. mail to:
jecieee.com@gmail.com
Phone No: 044-24502818

Guidelines for submitting reports and articles to get published in the IEEE MAS LINK newsletter

- The matter may be in doc / rtf / txt format. Other formats including in pdf, jpg will not be considered.

- Pl. use SINGLE column format.

- DO NOT embed the photograph in the document relating to reports.

- Send the photos separately.

- Preferred format is "jpg". Pl. avoid sending the photos in "bmp", "png" formats.

- Photographs in digital form should not to exceed 1024 pixels in width.

- However, images referred in articles may be embedded at appropriate places in the article document.

- Provide your name, full affiliation, membership no. and email id at the end of the document.

- Send the matter by email with the subject " From <COLLEGE NAME> Matter for Newsletter LINK <MMYY>"

- Address the email to ieeemaslink@gmail.com with a copy to ieeemas@gmail.com

- Pl. note that the matters sent to other email ids may be ignored and may not be considered.

- Submit the materials by 8th of the month to facilitate inclusion in that month's issue of LINK.

- We may ignore the submitted materials, if they do not follow the above guidelines.

Pl. co-operate with us by adhering to the guidelines specified.

Editor, IEEE MAS LINK

Training on "Quantitative Aptitude" at M. Kumarswamy College of Engineering

IEEE student branch of MKCE organised a two day special training programme during 2-3, Jul 2010. The resource person for the programme was Mr. Thanikachalam, a specialist in quantitative aptitude. The programme was inaugurated by Dr. D. Valavan, Principal of MKCE. Dr. S. Chitra, IEEE branch mentor graced this occasion with her presence. IEEE branch advisor Prof. V. Kavitha advised the final year students to improve their aptitude and skills through this program. This programme was a platform for all the students to get well-versed in quantitative aptitude and from this training, students came to know many short-cuts for solving various problems. It was highly useful in time management aspect and increased thinking abilities of students. The programme ended with an address by Prof. V. Kavitha who was instrumental in organising this programme. IEEE Branch Counselor Prof. K. Sundararaju extended full support in organising the programme.

Report by: Vineeth P, sb.mkce@ieee.org

Forthcoming Events

NCRTIT – 10: 2nd National Conference on Recent Trends in Information Technology: 12 - 13, Aug 2010 at Chennai. Email: ncrtit10@bsauniv.ac.in

Workshop on Cloud Computing: 18 - 20, Aug 2010 at IIT Madras, Chennai. Website: http://www.csi-chennai.org/wcc/

ICCI – 2010: International Conference on Computational Intelligence: 9 - 11, Dec 2010 at Coimbatore. Website: http://www.grgsact.com/icci2010/home.html

ICoAC - 2010: 2nd International Conference on Advanced Computing: 14 - 16, Dec 2010 at Chennai. Website: www.annauniv.edu/icoac2010

ICSIP – 2010: International Conference on Signal and Image Processing: 15 - 17, Dec 2010 at Chennai. Papers are accepted till 31th July 2010.Website: http://www.rmd.ac.in

INCOCCI – 2010: International Conference on Computation and Computational Intelligence: 27 - 29, Dec 2010. Full papers are invited till 20th Aug 2010. Website: http://www.kongu.ac.in/incocci/index.php

M. V. Chauhan Students' Paper Contest - 2010

This contest is open to all the student members of IEEE. The paper can be on any topic in the area of interest to IEEE. The prizes include: 1st – Rs. 6000/= 2nd – Rs. 4000/= and 3rd – Rs. 3000/=. First author of the top three papers will be invited for presentation on the date and at the place, to be announced later.

The number of authors for any paper should not exceed three and a student can be an author in more than one paper. The paper should be prepared in the standard IEEE double column A4 format and should be 4-6 pages.

The paper and scanned copies of supporting documents should be submitted to Dr. Kasi Rajgopal, Chair, IEEE India Council, Tel. 080 22932366, kasi.rajgopal@ieee.org with a copy to Dr. B R Prabhu , Vice Chair - Student Activities, IEEE India Council, IEEE Mumbai Section bprabhu@ieee.org

The last date to submit the papers is 2nd Aug 2010.

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

Posted On : 24th July 2010
Posted at: Egmore RMS (Patrika)

TO: