Chairman's Message

Dear Members

In response to my call for volunteers, I received some enthusiastic response from both a student and a young member. The ideas is to generate a pool of talented volunteers who will contribute to the various activities at the section, society chapters, affinity chapters, student branches and Google groups or equivalent by generating new ideas and creative programs for the professional, technical advancement and benefit of members. My suggestion to these volunteers is initially involve themselves with their parent section or branch. As an example, you may initially involve in the activities of GOLD Chapter in section. You may think of bringing together all the GOLD chapter in India on a single platform to cooperate together to develop GOLD activities across India and thus contribute to IEEE and India Council. I will be channelizing these volunteers in to their respective local domain and avail their services when required for India Council.

IEEE R10 Student Branch Website Competition 2010 received 32 entries and evaluated based on 6 criteria and 40 subcriteria by the judges. It is heartening to note that the first three prizes have been secured by the student branches from India. My congratulations to the following student branches winners.
First Place: (US$ 500) Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) http://ieee.daiict.ac.in
Second Place:(US$ 350) ARUNAI Engineering College, http://www.ieeearunai.co.cc/
Third Place:(US$ 200) Thadomal Shahani Engineering College, http://www.ieee-tsec.org

I wish good luck these branches which will automatically enter into IEEE MGA SAC Competition and best wishes to all the other Student Branches participating in the competition.

We are having a number of events coming up in the next few months. The AISC 2010 coming up in September at Mumbai, INDICON 2010 at Kolkota in December. Preparations for these events have started. I request all the EXECOM members and Section chairs to participate actively and assist in these all India events.

Prof. Mini Thomas, MGA Vice Chair, Membership Development informs me that one of the benefits chosen by MGA this year is the expansion of the IEEE Job site. She is glad to inform us that India is chosen as one of the destination to expand the IEEE Job site in 2010. Members can browse http://jobs.ieee.org/jobs for details. Members and employers from India can start registering themselves at
http://jobs.ieee.org/careers/user/login .

Prof. **George T. Schmidt,** Massachusetts Institute of technology (MIT), is visiting India under the distinguished lecture program and will be visiting Mumbai, Hyderabad, Chennai, Bangalore and Delhi in that order from 4-18 June 2010. Interested members may contact the respective sections for detailed program. He is a Distinguished Lecturer for the Institute of Electrical and Electronic Engineers (IEEE) Aerospace and Electronic Systems Society.

With best regards to all

Kasi Rajgopal
kasi.rajgopal@ieee.org

Message from India Council Secretary

Dear Valued IEEE Members,

Here is another piece of good news emphasizing the focus of IEEE development in India. One of the recommendations of the Sections Congress 2008 (sphere headed by the India Adhoc Committee) was to spread the membership benefits to India and other countries also which are otherwise exclusively available for USA only.

Accordingly, one of these benefits chosen by MGA this year is expansion of IEEE job site which was possible only due to the great thought process and sincere follow-up made by the Indian representatives at Sections Congress & IEEE headquarters. Really, it would be great to hear that India has been chosen as one of the destinations to expand the job site in 2010. The success of job site expansion to India would also depend on the number of companies IEEE is able to rope in and also the number of members who will use this initiative. The details of this new initiative of IEEE are available in this newsletter separately. All Members especially students and GOLD can separately register for this initiative and take advantage. However, this being the starting phase of the pilot project, registrants are cautioned to have more patience for the response. The details of one such company by name ITTIAM Systems was already communicated by us to Region 10. ITTIAM is hiring actively this year from India (for details contact samir.dhond@ittiam.com).

It has been understood from IEEE Bangalore Section / PES Chapter that their International Workshop on "Smart Grid and Renewable Resources" held at Mysore on 13th -15th May, 2010 was a grand success having around 460 participants attended the event. Double this number of registrants could not be accommodated due to shortage of conference facilities for whom the IEEE PES Bangalore Chapter may explore the possibilities of repeating the event during August/September, 2010 once again at Bangalore exclusively for IEEE Members. A separate communication was promised by organizers in this regard. The outcome of this conference was formation of a core committee along with several sub-committees pertaining to the various components for Smart Grid Operation in India. These committees from IEEE would prepare a white paper and submit to the India Smart Grid Task Force, which could serve as Government of India focus point for activities related to the Smart Grid in India. Interested IEEE Members may visit the conference web site at the link www.pesblr-smartgrid-renewable.org for more details and to offer their services/suggestions towards this initiative.

India Council is organizing the AGM 2009 on 22nd May at Chennai. Hope we hear more benefits in this AGM that would make IEEE India stronger for advancing technology to benefit humanity.

With all best wishes,

Yours Sincerely,

(RAMAKRISHNA KAPPAGANTU)
Secretary, IEEE India Council
Email: kramakrishna@ieee.org

Joint International Conference on Power Electronics, Drives and Energy Systems & 2010

Power India (PEDES-POWER INDIA 2010) With PES, IAS, PELS, & IES of IEEE as Technical Co-sponsors
Calling
http://ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=17336

When   Dec 20, 2010 - Dec 23, 2010
Where   New Delhi, India

Submission Deadline   Jun 1, 2010
Notification Due   Aug 1, 2010

Final Version Due   Sep 1, 2010

Call For Papers
Prospective authors are requested to send their papers based on research and or experience in the categories listed below.

Track 1: Electrical Machines, and Drives
Analysis and Design of Electrical Machines, Control of Electrical Machines, Induction, Synchronous and DC Motors, Brushless Permanent Magnet and Switched Reluctance Motors, Small and Special Electrical Machines, New/Novel Motor Topologies, Traction & Electric Vehicle Drives, Industrial Drives, Control of Electric Drives

Track 2: Power Electronics, and its Applications
AC/DC & AC/AC Converters, PWM & DC/DC converters, Topology & Control of Power Electronic Converters, Simulation of Power Electronics Converters and Drives, Active Filters and VAR Compensation Schemes, Power Quality

Track 3: Power System Planning, and Design
Power System Analysis, Power System Economics, Soft Computing / Evolutionary Computing Application to Power System, FACTS and HVDC, Restructured Power System, Power System Relaying and Protection, UPS & Battery Energy Storage Systems

Track 4: Smart Grid, and Energy Sustainability Communication, Computer, Control, and Automation in power system, Energy Security, Application of Green Technology, Non-Conventional, Distributed & Co- Generation, Demand Side Management, Energy Conservation

IEEE – Standards Association Seminar and Outreach Events.

Report by : **Ms. Parvathi Rachakonda,** IBM, Bangalore

The IEEE - Standards Association Corporate Advisory Group (CAG) conducted a Seminar on "Global standards at IEEE" on the 9th of March. The IEEE SA Corporate advisory group constituting Mr Dennis Brophy - CAG Chair, Phil Wennblom - Director International standards regulation and Technology program, Mark Epstein - Senior VP Qualcomm, Robert Oshana - Member CAG, Karen Bartleson - Member CAG, Ashwin Gumaste - IITB presented to the seminar participants on the IEEE standards development and standards in wireless communications - 802.1, Test and debug - 1149.7, Power Line communication -1901, Smart Grid and standards in Software life cycle standards.

The IEEE - SA had also conducted six outreach events from 10th – 12th of March to interact with experts in the areas of Wireless communications, Smart Grid, Microelectronics, Nanotechnology, Photovoltaics, Cloud computing & Software Security.

 The IEEE - SA outreach team constituting Mr Dennis Brophy - chair, Jeff Green , Karen Bartleson and Robert Oshana presented on the development of IEEE standards and the confluence of other industry standards with the broad set of IEEE standards in the areas of Wireless communications, Smart Grid, Photo voltaic, Microwave engineering, Software standards , Electronics Design automation and Microelectronics .

 Mr. Shashi Dhara Dongre of L& T Infotech had hosted the Outreach session on Networking and Wireless communications at the Whitefield Industrial park on the 10th of March. Experts from Industry and Academia participated in this session including Dr. Kiran Kuchi, Dr. Bhaskar Ramamurthy, Dr. Debabrata Das - IIITB and Dr. Abhay Karandikar.

 The ISRO session was hosted by Dr. Surender Pal and Mr. VVS Srinivasan exclusively for participants from India Space Research Organisation and Department of Defence Research & Development Organisation.

Smart Grid and Photovoltaic initiatives in India with the need for standardization were discussed at the CPRI IEEE - SA outreach event on the 11th of March . This outreach session was well attended by a panel of industry experts including Dr Shivkumar Kalyanaraman of India Research labs - IBM, Dr. Kota Murali - SRDC - IBM, Mr Babunarayanan (CPRI) , Mr Srinivasa Raghavan (Society of Automotive Engineers) and Mr. Satya Prasad (SEMI).

 Professor Anurag Kumar and Chockalingam had hosted a session on "Academic research and standardization" at the Indian Institute of Sciences to increase the awareness and participation of academia in standardization.

Prabhat Singh of McAfee software systems had hosted the outreach session on Software on the 12th of March. Industry experts including IEEE Fellow Dr. Raghuram Krishnapuram IRL - IBM , Dr. Gopal S Pingali , Thatagat Varma- Yahoo , Microsoft and Mandate discussed the areas for standardization in Cloud computing , Data Analytics and Software Security. Jeff Green, member of IEEE SA – CAG, presented on standardization process and specific standards in the areas of Cloud Computing, Security and Software Engineering Process. Dr. Gopal S. Pingali, Program Director Global Cloud Center of Excellence – IBM presented on the current state of Cloud computing and mentioned about Desktop services.

 IBM had hosted the EDA – VLSI outreach event at the IBM EGL venue. Mrs. Pamela Kumar, Director ISTL invited the industry leaders to actively participate and contribute towards standards Development efforts from Bangalore – India. Robert Oshana, Freescale Semiconductors presented on some key IEEE standards in the areas of VLSI Design, Verification and Test.

Under the eminent leadership of Mrs. Pamela Kumar and Sri Chandra of Freescale Semiconductors, there will soon be a IEEE standards chapter in Bangalore to bring together experts in leading technical areas to participate in shaping the standards for the next generation

IEEE CASCOM POSTGRADUATE STUDENT PAPER CONFERENCE 2010

Date: 27 Nov. 2010 (Sat.)
Venue: Jadavpur University (JU) Campus, Kolkata - 700032

The PGSPC is a new initiative by the IEEE for engaging current Post-Graduate (Master's & PhD level) students at Indian Universities and Colleges . The CAS & ComSoc chapters of IEEE Calcutta section are jointly organizing this one-day Conference activity. Original research papers from PG/Ph.D-level students are invited. PG students who are completing their final semester by May/June 2010 are also eligible to submit papers.

Topics Included but not limited to :

· Analog / Digital Signal Processing	► Network architecture and topology design
· Digital/Nonlinear Circuits & Systems	► Optical Communication & Networks
· VLSI Systems	► Wireless Communications & Networks
· Power Electronic Circuits	► Mobility management
· Nano-scale Electronic Circuits	► Network protocols
· Computer Aided Design	► Wireless sensor networks
· Green Circuits & Systems	► Cellular networks
· Sensory Systems	► Network and Wireless Security
· RFID Circuits	► Communication Circuits & Systems

Preliminary Submission of Complete 4-page manuscript (in standard IEEE double column format) in pdf & word, with full address, email ID and Telephone #. are requested only by email to P. Venkateswaran at (pvwn@yahoo.co.in). A scanned copy of the certificate from Head of Institute/Principal of college /Ph.D Supervisor must accompany   indicating authors' bona-fide studentship. Over-length manuscript will NOT be considered. The papers will be peer-reviewed and authors of selected manuscripts will be invited for presentation at JU Campus; second class ordinary one-way train-fare/actual TA, whichever is less would be reimbursed on submission of travel documents. Limited accommodation may be arranged on request on payment basis only. Presentations will be reviewed by a panel of judges and the top one paper in each of PG/PhD category of CAS/COMSOC fields will be rewarded with cash prize. All accepted papers will be published in the Conference Proceedings.

Important Dates :

· Preliminary Submission of 4-page manuscript by email to pvwn@yahoo.co.in :   16 July   2010
· Notification of Acceptance and invitation for Presentation: 16 Aug. 2010
· Submission of Final camera-ready manuscript in Standard IEEE 2-column format (Times New Roman font-11 with no more than 3 Figs. & one Table) by email to (pvwn@yahoo.co.in), and a non-refundable Registration Fee of Rs.600/- by Bank Demand Draft   favoring 'IEEE Calcutta Section' payable at Kolkata, alongwith one hardcopy of the final MS, by Registered Postal mail to P. Venkateswaran, Dept. of ETCE, Jadavpur University, Kolkata – 700 032:   10 Sep. 2010

          Contact Details:
· Prof. R. Nandi, Chair, IEEE CAS Calcutta Chapter (email: robnon@ieee.org)
                http://ewh.ieee.org/r10/calcutta/cas/
· Dr. S. Mandal, Chair, IEEE ComSoc Calcutta Chapter (email: swarup_m@ieee.org)
                http://ewh.ieee.org/r10/calcutta/comsoc/

Detail info / Paper Submission & Registration / Accommodation:
P. Venkateswaran,   Secretary, IEEE CAS Calcutta Chapter (email: pvwn@ieee.org)

ITBI10

The 2010 Intl. Conference on Information Technology & Business Intelligence (ITBI10) will be held at Institute of Management Technology (IMT), Nagpur during 12-14 November. Technically sponsored by *IEEE Computational Intelligence Society (CIS),* ITBI10 will act as a forum for persons like academicians/researchers/industrialists/students & even professionals like chartered accountants, bureaucrats etc The theme is *Reinventing Business Growth Through Intelligent Information Technology & Optimization*.

For more information, pls. visit www.imtnagpur.ac.in/itbi10/ or send e mail to Prof. Suash Deb, General Co Chair at suashdeb@gmail.com

IEEE Master Brand + Tagline Graphic Now Available for Download

Images of the IEEE Master Brand + Tagline graphic are now available online in the IEEE Brand Identity Toolkit, under the Master Brand and logos section. Use the IEEE Master Brand + Tagline graphic on materials when no other logo or logo with a tagline exists, as well as on all promotional items. Use the IEEE Master Brand graphic (without tagline) for all other applications. Learn more about the tagline at http://www.ieee.org/tagline.

Visit http://www.ieee.org/go/brand.

Contact corporate-communications@ieee.org with questions.

myIEEE Adds myDesktop Personalization Options and Secure Messaging

Two new features that provide advanced customization and communication options have been added to myIEEE.

myDesktop: Allows IEEE members to organize their favorite myIEEE content how they want it, much like a personal myYahoo or iGoogle page. Options include:

- Customizable selection of all myIEEE "gadgets" (or modules related to membership, IEEE Spectrum, The Institute, conferences or IEEE Xplore® Digital Library, for example).
- Multiple layout options with drag-and-drop gadget placement.
- Choice of several technology-based backgrounds (e.g., aerospace, biomedical, communications, computing and more).
- RSS tools to import feeds from IEEE or content sources outside of IEEE.

Members can log in to myIEEE, select the "Customize" tab and begin personalizing their myDesktop page.

memberNet messaging: Allows members to communicate with each other, while ensuring member privacy. Members can send secure e-mail messages to each other by selecting the "send a message" button on profiles, allowing messages to be sent through the memberNet platform without revealing personal e-mail addresses

IEEE SECTIONS IN INDIA

Sections	Code	Formation Date	Chairperson
Bangalore	R0 01 19	13-Jul-76	V V Srinivasan
Bombay (Mumbai)	R0 01 21	13-Jul-76	Raju Hira
Calcutta (Kolkata)	R0 01 37	28-Sep-78	Kalyan K Mallik
Delhi	R0 01 23	13-May-76	Dr V R Singh
Gujarat	R0 01 63	15-Aug-90	Dr. Arup Dasgupta
Hyderabad	R0 01 49	14-May-84	M G P L Narayana
Kerala	R0 01 45	18-Nov-83	P M Sasi
Kharaghpur	R0 01 55	13-May-85	Dr. Debasis Samanta
Madras (Chennai)	R0 01 33	28-Apr-78	Dr Salivahanan
Uttar Pradesh	R0 01 71	11-May-92	Prof. Y N Singh

That's IT in April 2010

Prof S Sadagopan
Director, IIIT-B, Bangalore

In the general developments,

- RTE (Right To Education), Census of India and BS IV specifications for automotive emission were licked off on April 1, 2010.
- 470,000 students take JEE examination (for admission to IIT's)
- "Flying ash" grounded several flights for more than a week in the Central Europe affecting global travel
- The Indian Spacecraft launch met with failure
- The entire presidential team of Poland died in an accident.
- The IPL issue rocked the country for several days

In the products arena,

- Apple i-Pad started shipping on 3rd April and iPhone OS 4.0 was announced on 8th April.
- Nokia OVI music-store was launched in India
- Motorola "Milestone" phone was launched in India
- RIM announced new release of their software for BlackBerry handsets
- Nokia launched C3, C5 & E5 handsets in India and N8 handset globally in April 2010
- Samsung launched "Corby IPTV" phone in India
- e-mail only phone "PEEK" was launched in India in April

In the market-place,

- HP, Acer, Dell, Lenovo and Asus are the Top 5 global PC bands (3 out of 5 are Asian brands!)
- Indian IT majors like TCS, Infosys & Wipro posted good results for the year 2009-10 that ended on March 31, 2010; globally, Apple & Google posted great results for the quarter that ended on March 31, 2010
- HP acquired Palm on April 28, 2010 for $ 1.2 billion
- MPhasis acquired Fortify Infrastructure for $ 15 million on April 8, 2010
- Mindtree acquired 7Strata for Rs 7 crores on April 22, 2010

The Indian IT Companies continued to do well

- Patni bags $ 200 million deal from the insurer Universal American Company
- Quest Global (Engineering Services major with SEZ in Belgaum) ranked No. 1 in engineering services by Black book of out sourcing
- Symphony Services start a new unit in Bangalore

MNC Companies in India continue to grow their India operations

- NI (National Instruments) starts their R & D Centre in Bangalore
- Microsoft starts Bangalore Centre with 200 of Yahoo India staff
- Vodafone India reaches 100 million subscribers on 8th April 2010
- Chinese telecom major ZTE to increase R & D investments in Bangalore
- Analog Devices to double head count from 200 to 400 in Bangalore

In telecom

- Auction for 3G (next generation mobile phone services) started on April 9, 2010
- Videocon starts GSM services
- Vodafone crosses 100 million subscribers and Rs. 700/- per handset in India
- Indian mobile handsets sales in the year 2009 cross 101 million!

In the people front

- Analog Device CEO Jerald Fishman, Microsoft Head of Quality Somasegar and IBM head of Global strategy Mr. Erich Clementi visited India in April 2010
- Renowned Management Guru of Indian origin and one of the best exponents of India's strengths in the global forums, Professor C K Prahalad passed away on April 16, 2010

On the applications front

- UID Authority gets new logo and a name Aadhhar on April 26, 2010
- Indian banks start computing daily interest (thanks to core banking) on April 1, 2010

Editor's Message

Dear Members,

I regret two errors happened in last edition of Newsletter:

1) The column "That's IT in March 2010" was written by Prof. S. Sadagopan. His name was missing from the article. I sincerely apologize to him for this mistake.

2) In the item related to section congress, the correct date should be read as 19-22 August 2011, instead of 19-20 August 2011.

I am getting many mails regarding information on many member services of IEEE from members across country. I wish to tell them that if you have any queries/problem pertaining to your IEEE membership, please write to member-services@ieee.org and not to me, as I am just editing our newsletter and not be of much help regarding membership services.

Same time, I would be happy if I get good articles/news items from members, which are of interest of IEEE members.

Looking forward your suggessions/comments.

(Hitesh Mehta)
Editor