

## Chairman's Message



Dear Members

IEEE established a Women in Engineering Committee in 1994, and world wide WIE regional affinity group membership started in 2001. WIE membership is open to everyone, and since that time, membership has grown rapidly.

The mission of IEEE WIE is to inspire, engage, encourage, and empower IEEE women worldwide.

IEEE WIE envisions a vibrant community of IEEE women and men innovating the world of tomorrow.

IEEE WIE strives to:

- ♦ recognize women's outstanding achievements in electrical and electronics engineering through [IEEE Awards](#) nominations;
- ♦ organize receptions at major technical conferences to enhance networking and to promote membership in WIE;
- ♦ advocate women in leadership roles in IEEE governance and career advancement for women in the profession;
- ♦ provide assistance with the formation of new [WIE Affinity Groups](#) and support ongoing activities;
- ♦ promote IEEE member grade advancement for women to the membership grades of Senior Member and Fellow;
- ♦ facilitate the development of programs and activities that promote the entry into and retention of women in engineering programs;
- ♦ administer the [IEEE Student-Teacher and Research Engineer/Scientist \(STAR\) Program](#) to mentor young women in junior and high schools.

Recently, IEEE WIE was praised by the United Nations for IEEE's efforts in involving girls in technology, recognizing their activities in National Engineering Week's Introduce a Girl to Engineering day, in helping to make it an international event.

IEEE Women In Engineering (WIE) has made an impact worldwide among the women engineering professionals and scientists. In IEEE Region 10 and India, WIE made its presence felt from in the latter part of the decade thanks to some sustained campaigning by committed volunteers.

**Prof. Ramalatha Marimuthu**, Global WIE Committee Chair for the year 2011, is the force behind the WIE growth and its activities in India. Her leadership, sustained hard work, and innovative ideas have motivated many women professionals and men to join the IEEE and volunteer to work for the cause of women. Prof. Ramalatha served as a R10 WIE Coordinator and has now been appointed as the **Global WIE Committee Chair for the year 2011**. On behalf of IEEE India Council and Sections, I extend our heartfelt congratulations to Prof. Ramalatha.

IEEE Women in Engineering (WIE) provides members with the opportunity to network at a local level through WIE affinity groups. Currently, there over 290 IEEE WIE Affinity Groups worldwide that organize and host diverse activities including guest speakers, workshops, and/or seminars.

All members are encouraged to join and participate in their local group activities to promote growth within WIE and support Prof. Ramalatha in her efforts. There are two types of IEEE WIE Affinity Groups: IEEE Section Affinity Groups and Student Branch Affinity Groups.

The All India Student Congress is coming up during September 24-26 2010 and is being organized by Fr. Conceicao Rodrigues College of Engineering, Bandra. The flagship conference of the India Council, INDICON 2010 is being organized by IEEE Kolkata Section under the leadership of Prof. K K Mallik during December. The website and call for papers are accessible at <http://ewh.ieee.org/r10/calcutta/indicon2010/>.

## Message from India Council Secretary



Dear Members,

Hope most of the new members joined the Indian IEEE family have availed 50% discount facility for payment of membership dues. IEEE India welcomes you all !

Variety activities are coming up in different parts of India during the second half of 2010. Some of them include INDICON 2010 scheduled at Kolkota in December, All India Students Congress scheduled at Bombay in September. Various other conferences and Tutorials are being taken up by several IEEE Society Chapters & Student Branches.

Pleasant news for all of us to note is that Prof. Ramlatha Marimuthu has been nominated as Global Chair of WIE for the year 2011 and Mrs. Pamela Kumar has been inducted into the Board of Governors of IEEE Standards Association for the year 2011. You may be aware that Standard Association is planning to have several activities in the coming times for seeking a deep penetration in the ICT industry. I request one and all to actively participate in all IEEE activities not only to enhance network but also to share and enrich knowledge for building better career and life skills.

You are also aware that IEEE election will be thrown open to all its members on 1<sup>st</sup> August, 2010 to enable them to exercise their franchise to choose right candidates for the growth of IEEE and technology around the world. I sincerely request all the eligible members not to miss the great opportunity of voting as there are already some rewards announced by Region 10 for Sections having highest no. of members who would exercise their vote.

With Best Wishes,

**(Ramakrishna Kappagantu)**

Secretary, India Council

Email: [kramakrishna@ieee.org](mailto:kramakrishna@ieee.org)

## EDITOR'S MESSAGE

Dear Members,

We are uploading IEEE India Info every month in third/ fourth week on [http://ewh.ieee.org/r10/india\\_council/newsletters.html](http://ewh.ieee.org/r10/india_council/newsletters.html) . You can find here all the newsletters from 1999. After uploading the same every month, we are sending an e-notice, which typically takes 5 days to reach to members as it is being administered by IEEE Headquarter. In the month of June, newsletter was uploaded on site in fourth week itself but due to some technical problem somewhere e-notice did not get delivered in first attempt. After realizing that I sent another e-notice which got delivered in first week of July eventually.

You must be reading article by Prof Sadagopan which gives excellent overview of happenings around us. In the next issue, get ready to read article on path-breaking development being carried out in India by Professor(s) of IIT.

I am pursuing members to contribute to Newsletter but so far response is not good unfortunately. I want this newsletter more than just passing the information on upcoming events and office bearers' regular column. Please come out with your ideas/suggestions/article. If nothing else, atleast voice your concerns/ problems or discuss about your feelings about being an IEEE member, by writing a "Letter to the Editor". We should develop this as platform to exchange our views and get connected to larger IEEE fraternity in India.

Looking forward response from members..

**Hitesh Mehta**



**Hitesh Mehta**

Editor



## That's IT in June 2010

Prof. S. Sadagopan

### In the general developments,

- Warren Buffet and Bill Gates plead other billionaires to give 50% of their savings to charity on June 16, 2010
- Tata Motors plant in Sanad, Gujarat goes into production of Tata Nano on June 1, 2010
- Petrol prices deregulated effective midnight of June 25, 2010
- USA makes law to rein in Wall Street on June 25, 2010

### In the products arena,

- **Apple** launches iPhone 4, iOS 4 and iAds on June 6, 2010; iPhone reaches stores on June 24, 2010
- **Samsung** launches Wave & Galaxy smart phones
- **LG** launches Cookie smart phones
- **Toshiba** launches dual screen PC / e-Book Reader
- **Barnes & Noble** launches Wi-Fi Nook (e-Book Reader)
- **Cisco** launches Tablet PC

### In the market-place,

- **Infosys** market capitalization goes past TCS value in June 2010
- **IBM** buys back CoreMetrics, the web-analytics company (interestingly, IBM sold this business to CoreMetrics in 2006)
- **Reliance Industries** buys 45% stake in Texas Shale oilfield for \$ 1.35 billion

### The Indian IT Companies continued to do well

- **TCS** gets a huge order from the Scandinavian telecom giant Telnor for application software
- **Cognizant** buys Paris-based "Galileo Performance", a testing software company on June 21, 2010
- **HCL** starts Latin American operations; get \$ 79 million crores order from Singapore Stock Exchange
- Bangalore-based next generation telecom company **Tejas Networks** acquires Israeli company Ethos on June 8, 2010

### MNC Companies in India continue to grow their India operations

- **GM** to expand their Bangalore Tech Center
- **IBM** gets 5-year deal from Quippo WTTIL with nearly 40,000 telecom towers on June 17, 2010
- Software products services major **Symphony** acquires Bangalore-based "Proteans" on June 2, 2010

### In telecom

- Indian telecom major Airtel buying Kuwait-based telecom operator Zain's South African business for \$ 10.7 billion got completed on June 8, 2010
- Broadband wireless auctions conclude on June 10, 2010; Government to get Rs 38,543 crores
- Reliance acquires Infotel Broadband (the company that got All India spectrum for wireless broadband) on June 14, 2010
- Micromax, Spice Mobile, Karbonn and Lava – the four major Indian handsets brands – get 14% of the Indian market and starting to explore markets in SAARC countries, Brazil, African and Russia

In the **Education & Research** front

- Infosys ties up with Georgia Tech for Research and ink a deal on June 8, 2010

In the **people** front

- South African President Jacob Zuma visits India during June 2-5, 2010

On the **applications** front

- The web site "Inclusive Planet" is launched in June 2010

On the **infrastructure** front

- Delhi Metro service to Gurgaon starts on June 21, 2010
- Reliance Communications merges its tower business with GTL (value \$ 11 billion) creating the world's largest entity with more than 82,000 telecom towers on June 28, 2010
- Work on the longest tunnel in Himachal Pradesh starts on June 29, 2010

Some interesting numbers

- Apple iPhone bookings cross 600,000 on Day 1, sells 1.7 million by Day 3 (June 26, 2010)

Apple iPad sells 3 million in 80 days (April 3 –June 22, 2010)



We are very pleased to inform you that Dr. A.K. Aggarwal, past Chair of IEEE India Council (Year 1999-2000) and past Chair of IEEE Gujarat Section has been appointed as the first Vice Chancellor of Gujarat Technological University (GTU), Ahmedabad, India and he has taken over the charge.

Please join us in congratulating him as he takes on this new challenge as VC of GTU. His e-mail ID is:- [aka19@hotmail.com](mailto:aka19@hotmail.com)

We do hope the students from Gujarat and rest of India will get an excellent higher education in Gujarat State and that GTU will touch new heights under his leadership.



Mrs Pamela Kumar, Execom member of IEEE Bangalore section is appointed as **Member at large** representing India in the IEEE Standards Association - Board of Governors for 2011-12. There is a lot of focus on India and the Feb 2011 meeting of the Board of Governors is being planned in India. This is a great opportunity to complement the existing IEEE activities with Standards Association activities.

## **Final Call for Papers – INDICON 2010**

### **December 17–19, 2010 – Kolkata–India**

INDICON has been the most prestigious conference conceptualized by IEEE India Council in the field of Computer Science and Engineering, Electrical Engineering & Electronics and Communication Engineering, in general. This year IEEE INDICON 2010 is being organized jointly by IEEE Calcutta Section and IEEE India Council, at Jadavpur University, Kolkata during December 17-19 2010.

Green awareness and suitable design approaches to achieve Green Computing, Green Communication and Green Energy are the focus of this conference. Advances in Nano bio neuro-science and photonic engineering are included in the focal theme to assess their potential as next generation - energy efficient environment friendly technology. Call for Papers Authors are invited to submit original contributions in the following general and theme based topics (not exhaustive):

Power & Energy Systems - Modeling and Simulation, Applications of AI techniques, Applications of Power Electronics, Electrical Machines, Instrumentation, Control and Testing Techniques Computing - Algorithms and Computational Complexity, AI and Soft Computing, Bioinformatics, Architecture, Cryptography and Information Security, Data mining and knowledge Discovery, e-Commerce, Embedded Systems, grid and cloud Computing, Healthcare management Systems, Image Processing and Pattern Recognition, Multimedia, Networks, Parallel, Distributed and multi-core computing, pervasive computing Communication - wired/wireless telecommunications, optical communication, mobile/ wireless communication, Broadband communication, pervasive communication, analog/digital Communication systems, signal processing and coding techniques, communication networks, Internet Technologies, telecom security, Convergence of technologies, Protocols and Standards, Test beds and simulation tools, Subsystems Devices Components, physical layer issues

Theme Based : Green Energy - Power Quality, Alternate energy sources, Nanotechnology, Ultra capacitors and batteries, Power electronics in green industrialization, Energy-efficient power converters, Green metrics, assessment tools, and methodology, Eco-labeling of IT products, Bio Engineering, Green Computing - Environment-friendly, sustainable, energy-efficient computing, data center design, layout, and location, Responsible disposal and recycling, Green Communication - Energy-efficient protocols, devices, and networks, Energy-efficient smart home and office, Conference proceedings will be accessible through IEEE Xplore.

Paper Submission Format : Papers for both oral and poster presentations should be no longer than 4 pages of A4 size as prescribed in the IEEE format. All submissions must be in English only. Extra pages will incur a charge of Rs 1500/- per page in addition to the registration fee indicated in the fee table.

Paper Submission Details : Paper has to be submitted electronically through conference website [http://ewh.ieee.org/r10/calcutta/indicon2010/Call\\_for\\_Papers.html](http://ewh.ieee.org/r10/calcutta/indicon2010/Call_for_Papers.html)

Important Dates for Paper Submission :

Deadline for Paper Submission	31 July, 2010
Acceptance Notification	15 September, 2010
Deadline for Final Manuscript Submission	15 October, 2010



# Viswambhara Educational Society announces VCON'10

(Co-sponsored by IEEE Hyderabad Section)

**2nd Vaagdevi International Conference on Information Technology for Real World Problems**

Vaagdevi College of Engineering Warangal, AP-506005, INDIA

We invite papers addressing the topics listed below

- + Data Mining
- + Artificial Intelligence & Machine Learning
- + Networks & Network Security
- + Wireless & Mobile Networks
- + Contemporary Advances in IT

More details of the conference can be found at:

<http://www.vcon.net.in>

## COMSNETS 2011

The TH RD International onference on  
**COMunication Systems and NETworkS**

January 4-8, 2011, Bangalore, India

<http://www.comsnets.org/>



The Third International Conference on COMMunication Systems and NETworkS (COMSNETS) will be held in Bangalore, India, from 4 January 2011 to 8 January 2011. COMSNETS is a premier international conference dedicated to addressing advances in Networking and Communications Systems, and Telecommunications services. The goal of the conference is to create a world-class gathering of researchers from academia and industry, practitioners, business leaders, intellectual property experts, and venture capitalists, providing a forum for discussing cutting edge research, and directions for new innovative business and technology.

The conference will include a highly selective technical program consisting of parallel tracks of submitted papers, a small set of invited papers on important and timely topics from well-known leaders in the field, and poster sessions of work in progress. Focused workshops and panel discussions will be held on emerging topics to allow for a lively exchange of ideas. International business and government leaders will be invited to share their perspectives, thus complementing the technical program.

Detailed conference information and paper submission guidelines are available on the conference web site. Please see <http://www.comsnets.org/> for detailed information on COMSNETS 2011. The conference email address is: [comsnets2011@gmail.com](mailto:comsnets2011@gmail.com)