IEEE The Institute of Electrical and Electronics Engineers. Inc

Chairman's Message

Dear Members

India Council is looking for young and experienced volunteers for newsletter, website development and regular update, developing GOLD, Women in Engineering, student branch and branch counselor Google groups . Please send me your resume together with a brief description of the IEEE activities that you have been involved.

At R10, Prof. Debasis Samanta, Chair, Kharagpur Section received the 2008 R10 Outstanding Small Section Award. Dr. Arun Agarwal, Hyderabad Section, was awarded the 2009 R10 Outstanding Volunteer Award which was received by Mr. M G P Lakshmi Narayana, Hyderabad Section Chair on his behalf. Calcutta Section IAS Chapter has been selected by the CMD Awards Committee as the 2010 IAS Outstanding Small Chapter for 2009 performance. The award will be presented at the Presidents Banquet of the IAS 2010 Annual Meeting, Houston , http://ewh.ieee.org/soc/ias/2010/. Prof. Ajit K Chattopadhyay, Calcutta Section IAS Chapter, Chair has been invited to take part at the IAS CMD Chapter Workshop, which will be organized during the Annual Meeting, and give a short presentation about the Chapter. Mr. H R Mohan, Chairman, IEEE CS Madras Chapter has received a certificate of appreciation from VP (MGA) of IEEE CS which is third time in a row for the years 2007,08, and 09. We are all proud of these awards coming to our members and sections and join me in congratulating all of them.

Seven Sections, Auckland, Bangkok, Delhi, Hyderabad, Kerala, Sydney and Jakarta proposed for hosting 2011 EXCOM and Region 10 Annual Meet. Out of these, 3 proposed venues are in India. We should stand a good chance to host it. The preparations for TENCON 2010 in Fukuoka, Japan are in progress and plans are on for TENCON 2011 in Indonesia to be hosted by IEEE Indonesia Section and TENCON 2012 in Philippines

IEEE Sections congress will be held in August 19-20, 2011 at San Francisco, CA, USA. I did not have the opportunity to attend the Sections Congress as a Section Chair, and I will not be the Council Chair in 2011. However, I am told by my predecessors that it is an experience. Sections Congress is part of the MGA Strategy to implement the MGA Vision, Mission and Goals for the purpose of fulfilling the mission of IEEE. It is an opportunity for IEEE representatives from all over the world to participate in an event which provides them with the tools and training to assist their unit in focusing their activities solely on the members and increase members' participation in IEEE activities. As members, it is an opportunity for all of us to convey to the IEEE what are our priorities, vision and goals. Our members should convey to the section chairs what is the pulse of students, academicians, professionals and industry in the country who in turn should carry it to Section Congress as our recommendations. I request all the members and volunteers to give sufficient thought to our priorities and requirements and prepare a IEEE India document which can be conveyed to Section Congress and IEEE HQ.

IEEE Annual Election are due in September this year. We must participate and cast our vote for the most suitable candidates. This time we also have to elect the R10 Director-Elect 2011-12. Therefore it is all the more important for us to cast our vote to elect the R10 Director-Elect.

With best regards to all

Kasi Rajgopal
kasi.rajgopal@ieee.org

Message from India Council Secretary

Dear Valued IEEE Members,

Greetings to you all from India Council !

Hope most of the members may feel fresh in the beginning of the new financial year 2010-11 wherein some free time is available for getting into activities that can make IEEE India great in all aspects.

Good news received from the Headquartersis that the pilot phase "Payment for IEEE Membership in Indian Rupees" has been successful and the Headquarters are now ready to provide services to all students community in India. Instructions as to how to take this advantage will be posted in IEEE web site. Following link provides all instructions on how to fill up necessary paper work to complete the transactions and remit the payment : http://www.ieee.org/rupee.

IEEE accepts payment from individual student or a group from student branches who wish to provide one check along with required paper work. Any questions and feed back on this new program may be directed to b.cook@ieee.org . Students wishing to join new on line may avail this golden opportunity and become valued members of IEEE to reap its multiple benefits.

Wishing you all Success.

Sincerely,

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

Dear IEEE Leaders, Volunteers & Members,

Please see http://www.pesblr-smartgrid-renewable.org/index.php for the IEEE International Workshop on Challenges in Smart Grid and Renewable Resources organised by IEEE Power & Energy Society, Bangalore Chapter and IEEE Bangalore Section on the 14th and 15th May, 2010 at Infosys Campus, Mysore.

Its a free Workshop with nil registration fee and free Accomodation and Boarding. Five International speakers have already confirmed and many others are also there from Indian Industry, academia and Govt.We expect participation around 500 pax.

You are cordially invited to attend this need of the day oppurtunity workshop.

On line Registration available at www.ieeebangalore.org.

Thanks & Regards,
Ramakrishna Kappagantu
Chairman, IEEE Power & Energy Bangalore Chapter
& Immediate Past Chair, IEEE Bangalore Section
Phone - 91 94495 99155

IEEE Sections Congress 2011

19 - 20 August 2011 at San Francisco, CA, USA.

Sections Congress is part of the MGA Strategy to implement the MGA Vision, Mission and Goals for the purpose of fulfilling the mission of IEEE. It is an opportunity for IEEE representatives from all over the world to participate in an event which provides them with the tools and training to assist their unit in focusing their activities solely on the members and increase members' participation in IEEE activities.

Previous Sections Congress was held in 2008 at Quebec City, Canada. Status reports on response for recommendations made in 2008 Sections Congress are available at SC08 Website:

(http://www.ieee.org/web/volunteers/sections-

congress/2008/sc08-recommendations.html)

Sections are now requested to start developing recommendations for 2011 Sections Congress. Proposed recommendations should focus on the member and/or meeting the MGA Goals & Strategies.

It is also requested to send breakout session topics & speakers for 2011 Sections Congress for the following Core Track & Breakout Tracks Themes by October 2010.

Focusing on the Member

IEEE Direction and the Section Leader
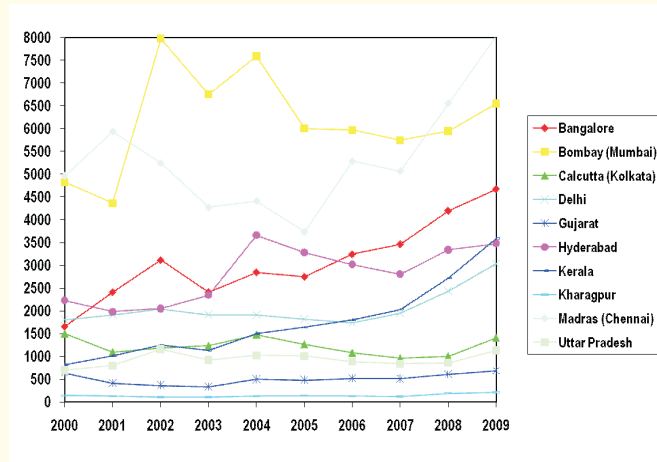
Member Engagement and Beyond

Recommendations for 2011 and the speaker and topics for breakout sessions may please be forwarded to deepakmathur@ieee.org.

All the information related to 2011 Sect ions Congress will be available on R10 website and will be updated periodically.
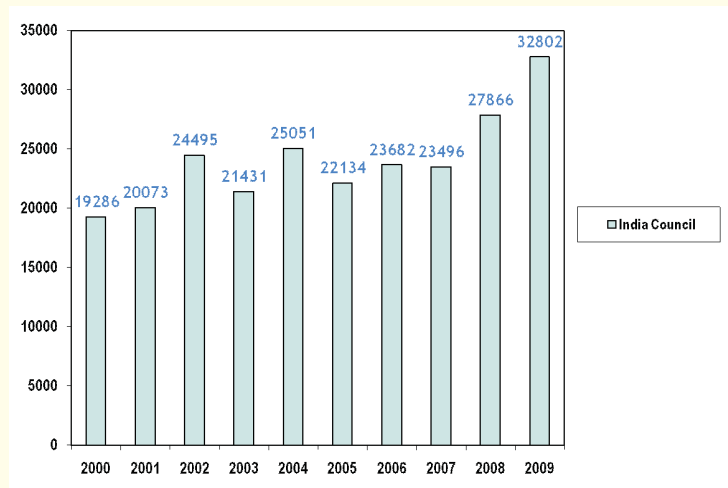
Deepak Mathur

R10 Coordinator for IEEE Sections Congress 2011
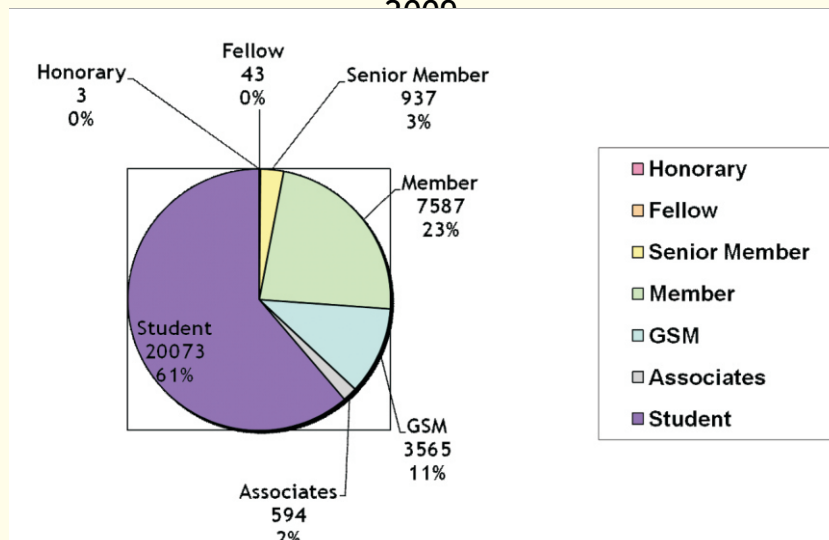
India Sections Total Members since Year 2000

Section / Council Total Members

India Council Total Members Since Year 2000
Formation Date: 20 May 1976

India Council Total Members

IEEE India Council Membership 31 December 2009

LETTER TO THE EDITOR

Technology can create advantage to people working in the humanitarian field. With every passing decade, the technological strides taken by the engineering community has pinned more and more hopes that technology can provide solutions to all social problems and pain points in human upliftment.

One question that lingers in my mind, technological advancements are on a mach speed pace but who is going to be the savior in solving human problems - bearing expenses for a cause. All advancements in technology involve best brains at work, unbounded expenses in terms of research facility and support. In today's market competition where a relatively small competitive advantage lost spells doom to the company and closure looms large. Who would risk investing time and money?

GPRS, Bluetooth, webcasting and other communication technologies were there in India for long but It was not commercially viable for operators. But with IP3, such technologies are in great demand in stadiums and to watch match clips on the go. This was all achieved by structured marketing and targeted advertisements. We can reach a goal only if we are able to mobilize money and manpower. Keeping the momentum is a challenge. How many of social causes have been able to sustain for long and drive in funds as freely as IP3. Research will be left wanting for funds. It's always been set of self propelled souls who have made a difference and will continue to do so. The race for bread and butter will go on for the rest. As a pun, the race for house loans and car loans will go on for the rest. Think ahead!

Nitin Keshav

Nokia-Siemens Network

We are pleased to inform you that we are organizing an International conference 'SPVL-2010' on Emerging trends in Signal processing and VLSI design during 11-13th of June 2010, in our Campus at Hyderabad-A.P-(India) This conference is approved with technical support by IEEE Hyderabad Chapter and several MNC's .

We request you to participate by way of paper presentations. The Tutorials are open for students, faculty and members of the Industry. Special concession will be given for all IEEE members and VLSI society members.

We request you to give this wide publicity.

Note: kindly forward your abstracts to this following email: icvlsignec@gmail.com

Thanking you,
Sirisha. Daggubati,
Electronics and Communication Engineering,
Guru Nanak Engineering College,
Sagar Road, Ibrahimpatnam, R.R.District.,- 501 506
Hyderabad. Andhra Pradesh ,INDIA.

News From the Section

- Calcutta Section IAS Chapter has been selected by the CMD Awards Committee as the 2010 IAS Outstanding Small Chapter for 2009 performance.The award will be presented at the Presidents Banquet of the IAS 2010 Annual Meeting, Houston , http://ewh.ieee.org/soc/ias/2010/.

- HR Mohan;Chairman, IEEE CS Madras Chapter has recd. a certificate of appreciation from VP (MGA) of IEEE CS.It may of be of interest to note that it is the third time in succession (for 2007, 2008 & now 2009) the CoA is recd.The IEEE CS Madras Chapter website at http://ieeecs-madras.managedbiz.com provides the announcements and activities in brief.

IEEE Implementation of High School Engineering Projects in Community Service (EPICS)

I am the chair of the Educational Activities Pre-University Education Coordinating Committee and an initiative leader for a new project "IEEE Implementation of High School Engineering Projects in Community Service (EPICS)". EPICS in IEEE is a concerted effort by IEEE to expand the successful EPICS program founded by IEEE 2007 President Leah Jamieson at Purdue University in 1995. This New Initiative will empower Student Branch members to work with non-profit community organizations and high school students on community service-related engineering projects with the objective to increase student interest in pursuing an engineering-related career path.

Each Section participating in the program will need to identify a local area champion to mobilize student branches for this effort. Through an application process, student branches will be awarded funds to support their projects. The selected student branches will identify non-profit organizations that have projects that are important to undertake and have appropriate engineering-content for their students. They will also reach out to high school educators willing to allow their students to participate in the program and will mentor the high school students to complete the humanitarian projects.

More information can be found at: http://www.ieee.org/web/education/preuniversity/epics (IEEE is experiencing some website issues so you may need to check on this link in a few days if it is not immediately accessible)

I welcome the opportunity to discuss this project in more detail and solicit your help to disseminate the information to the sections and student branches in your region. Please let me know of your interest in this worthwhile project. A teleconference can be arranged to discuss further.

How to get involved

Sections interested in participating in the program will need to identify a local area coordinator who will mobilize student branches. Regional Educational Activities or Student Activities Chairs or Section volunteers are welcome to participate. These coordinators can assist in the dissemination of the program and work with student branches to submit a proposal to funding support.

Student Branches

Student Branches are required to submit an application for the proposed project in order to receive funding support from EPICS in IEEE.

Projects should address one or more areas of interest as described below:

·   Education: K-12 schools, museums, adult learning programs, after school programs
·   Access and abilities: adaptive services, clinics for children with disabilities, programs for adults with disabilities, assistive technology
·   Human Services: homelessness prevention, affordable housing, family and children agencies, neighborhood revitalization, local government
·   Environment: environmental organizations, neighborhood associations, parks & recreation

The student branch will identify a non-profit organization that has a project that is important to undertake and have appropriate engineering-content for their students In addition; the student branch will reach out to high school educators willing to allow their students to participate in the program and will mentor the high school students to complete the humanitarian projects.

Kapil R. Dandekar, Ph.D.
Associate Professor and Assistant Department Head for Graduate Affairs
Department of Electrical and Computer Engineering
Drexel University
3141 Chestnut Street, Room 7-313
Philadelphia, PA 19104

IEEE INDIA COUNCIL

M. V. CHAUHAN STUDENTS' PAPER CONTEST 2010

OPEN TO   : - STUDENT MEMBERS OF IEEE

TOPIC   : - ANY SUBJECT IN THE AREA OF INTEREST TO IEEE

LAST DATE : - Monday, 2nd August 2010

PRIZES   : - FIRST   : Rs. 6000

                   SECOND : Rs. 4000

                   THIRD   : 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.

RULES AND GUIDELINES

- ➢ THE CONTEST IS OPEN TO ALL STUDENT MEMBERS OF IEEE IN INDIA
- ➢ PAPERS IN ANY SUBJECT OF INTEREST TO IEEE MAY BE SUBMITTED
- ➢ THE NUMBER OF AUTHORS FOR ANY PAPER SHOULD NOT EXCEED THREE
- ➢ A STUDENT CAN BE AN AUTHOR IN MORE THAN ONE PAPER.
- ➢ PAPER SHOULD BE PRPARED IN THE STANDARD IEEE DOUBLE COLUMN A4 FORMAT WHICH CAN BE OBTAINED FROM IEEE WEBSITE.
- ➢ LENGTH OF THE PAPER SHOULD BE 4 PAGES AND SHOULD NOT EXCEED 6 PAGES IN THE STANDARD DOUBLE COLUMN IEEE FORMAT.
- ➢ EACH ENTRY SHOULD HAVE A TITLE OF THE PAPER, NAME OF THE AUTHORS, THE AFFILIATION OF THE AUTHOR(S) AS IN IEEE FORMAT
- ➢ DECLARATION FROM THE BRANCH COUNSELLOR SHOULD ACCOMPANY EACH ENTRY IN THE FOLLOWING MANNER "IT IS CERTIFIED THAT THE AUTHOR…………… IS AN IEEE STUDENT MEMBER. THE PAPER ENTITLED…………… IS HIS/HER OWN WORK, ELIGIBLE FOR THE M.V.CHAUHAN STUDENTS' PAPER CONTEST 2010."
- ➢ IN CASE THE INSTITUTION DOES NOT HAVE AN IEEE STUDENT BRANCH, THIS DECLARATION SHOULD BE SIGNED EITHER BY A FACULTY MEMBER WHO IS AN IEEE MEMBER, OR BY THE PRINCIPAL.
- ➢ THE PAPER AND SCANNED COPIES OF SUPPORTING DOCUMENTS SHOULD BE SUBMITTED ELECTRONICALLY THROUGH E-MAIL AND TO BE SENT TO kasi.rajgopal@ieee.org AND A COPY TO bprabhu@ieee.org
- ➢ ORIGINAL & WORK ACTUALLY PERFORMED BY THE STUDENTS ONLY SHOULD BE SUBMITTED.

SUBMIT YOUR ENTRIES TO:

Dr. Kasi Rajgopal

CHAIR, IEEE INDIA COUNCIL

Tel. 080 22932366

kasi.rajgopal@ieee.org

copy to

Dr. B R PRABHU ,

VICE CHAIR - STUDENT ACTIVITIES, IEEE INDIA COUNCIL.

IEEE MUMBAI Section

bprabhu@ieee.org

That is IT in March 2010

Starting this month I will provide a quick summary of happenings in IT- both in India and abroad – from an India perspective. Hopefully, this should of interest to IEEE Members in India.

On the products and technology space, we saw a series of "Personal Finance" products

1. Money Manager from the portal site **ArthaMoney**
2. Another Money Manager from the globally admired software company **Intuit**
3. Perfios from the Bangalore-based start-up **Perfios** (started by Govi of Aztec fame)

General Electric launched VSCAN ultrasound scanner (designed in India) for the emerging market. **Google** launched its translation tool. **Cisco** announced its very high-end carrier-class router CRS-3 on March 9, 2010 with a switching capacity of 322 Terabit! There was also a tame launch of **Apple** iPhone 3Gs in India on March 26, 2010! Tatas followed up their "Nano" success with a product for "*aam admi*" (common man) in the form of "Swach" - a water purifier that does not need electricity and very affordable.

In the telecom space, **Bharti** went global by acquiring Zain (Kuwait-based Telco with operations in Africa) for a whopping $ 10.7 Billion! **Reliance** crossed 100 million customer base (Bharti is the only other "Telco" with 100+ million subscribers) (It is interesting to note that no 'Telco' in USA has 100+ million subscriber base today). **Videocon** starts its GSM service and **Max** handsets arrive in the market.

In the markets, **AT & T** picks up 8% stake in Tech Mahindra; **Nokia** buys Noverra browser: **TeamLease** (temporary staffing company) acquires training company IIJT. As mentioned earlier, **Bharti Zain** deal for $ 10.7Billion was clinched in March 2010.

Indian IT Companies continue their global march. **Patni Computers** delivery center in Mexico is operational and **Wipro** starts new development center in Melbourne, Australia.

MNC IT Companies in India continue to grow steadily; **Dell** grows 100% in India in the year 2009 and starts exporting PCs from its Chennai plant. **Facebook India** office starts in Hyderabad. **Maruti** plans to invest heavily in R &D in India including automotive IT

In the area of Education & Research March 2010 saw Premji University becoming a reality and Union cabinet approving the Foreign Universities Bill. Hospital chains will be allowed to start medical colleges. The prestigious Fields Medal Award function (in Mathematics) will come to India for the first time in Hyderabad during Aug 19-27, 2010.

On the people front, Honeywell Technologies India head Dr Krishna Mikkilineni joins Honeywell Global Board, a rare distinction for a technologist operating in India. **Dell** CEO Mike Dell, **Cisco** CEO John Chambers, **SanDisk** CEO Eli Harari, **Ford** CEO Alan Mulally visit India in March 2010; Domino Pizza CEO Pat Doyle visits India in March 2010, in the very first week after taking over charge.

On the applications front, Banks in India to start computing daily interest from April 1, 2010 (thanks to 100% core Banking).

On the infrastructure front, the National Knowledge Network with an ambitious 1 GBPS Internet pipe to all colleges (over the next 3 years) takes off in March 2010.

Interesting numbers in March 2010 include the millionth car rolling out of **Maruti** factory on March 23, 2010 and **SBI** (State Bank of India) opening up 1,000 new branches and 10,000 ATM's in one year (April 2009 to March 2010)!