Editor - Hitesh Mehta

Message from Chairman

Dear Members,

Greetings from IEEE INDIA COUNCIL.

WISHING YOU AND THE FAMILIES VERY HAPPY DIWALI. MAY THE GODESS LAXMI WILL BRING PROSPERY, LOVE, JOY, HAPPINESS AND GOOD HEALTH.

I am happy to inform that First time the Government of India has included in the list of representative at International Organisation at Sr. No. 5 for Institute of Electrical and Electronics Engineer (IEEE).

Again First time The National Innovation Council, directly under the Prime Minister has invited IEEE to attend the ceremony while their Second Report to the People being presented to the President of India, Shri Pranab Mukherjee, on 2nd November, 2012 at the Durbar Hall, Rashtrapati Bhavan. About 10 representatives from IEEE all over the country attended the same.(Photos are attatched below)

I am sure the presence IEEE will become more & more prominent in the coming years and will have say in the planning and dissemination of information related to Education and Research & Development in the emerging areas of technology.

Thanks for your kind support andfor Looking forward your inputs.

Dr. Ram Gopal Gupta
General Chair, ICTEE 2012
Chair, IEEE Education Society Chapter, India

IT in October 2012

Prof. S. Sadagopan

General

- Daredevil American Felix Baumgartner skydives from 24 miles and in the 4+ minute free-fall to earth reaches supersonic speed, setting a record in human history on October 12, 2012
- Nobel prizes announced in October 2012
- The 4th OECD World Forum was held in New Delhi India for the first time during October 16-19, 2012
- Major reshuffle of Ministers in the Union Cabinet on October 28, 2012; Government announces a series of reforms steps
- Elections to the Assemblies of the States of Gujarat and Himachal Pradesh declared on October 3, 2012; Himachal goes to poll in November and Gujarat goes to poll in December
- Hurricane Sandy devastates USA on October 30, 2012
- Kingfisher Airlines faces license suspension, and agrees to revival plan on October 21, 2012
- Cauvery erupts again; Bangalore comes to a grinding halt on October 11, 2012
- Arvind Kejriwal launches new party on October 2, 2012; allegations of corruption against Law Minister Khurshid surface; allegations of corruption against Vadera (Congress President Sonia Gandhi's son-in-law) took a curious turn with the sudden transfer of the official who initiated the probe!

Technology

- IBM researchers develop carbon nanotubes based processors in October 2012 (Nature - Nano)

Products

- Apple 7" iPad Mini launch October 23, 2012; also iPad with Retina display and an upgraded iMac; iPhone 5 bookings start in India on October 28, 2012 with deliveries expected from November 2, 2012
- Microsoft Windows 8, RT and Surface launched on October 26, 2012; Windows Phone launch on October 29, 2012
- Other 7" Tablets that were launched in October 2012 include Amazon Kindle Fire and Google Nexus

Markets

- Lenovo is the No 1 PC maker pushing No 1 PC maker HP to No 2 in Jully - September 2012 quarter
- Google market capitalization goes past Microsoft on October 1, 2012
- US IT majors announce muted results; Indian IT companies announce good results for the quarter
- Penguin and Random House two of the largest print publishing houses decide to merge on October 29, 2012

Indian IT companies

- TCS to invest Rs 550 Crores and create 10,000 jobs in Indore, MP
- Infosys, TCS, Wipro, Cognizant and HCL announce results for July-September quarter
- EXL Services buys US-based Landa Corp for $ 38 million on October 19, 2012

- Bharti Airtel (at 4th position), Reliance (8th), Idea Cellular (14th) and BSNL (20th) are in Global Top 20 telecom companies in the world (next only to China Mobile, Vodafone and America Movil

MNC Companies in India

- TE Connectivity (earlier Tyco Electronics) to employ 3,000 people in Bangalore by 2014 in their Bangalore manufacturing facility

People

- Prof Jules Hoffman (Nobel Prize in Physiology & Medicine 2011) visits India and gives a popular talk at National College, Bangalore on October 18, 2012
- King of Spain Juan Carlos, Australian PM Julia Gillard, US Federal Reserve Chairman Ben Bernanke and US Treasury Secretary Timothy Geithner visit India in October 2012
- Former HP Board member and the key person behind HO's phenomenal success in printing for many years Vyomesh Joshi, joins Wipro Boa October 1, 2012
- Citi CEO Vikram Pandit (India-born) quits abruptly on October 16, 2012

Education & Research

- Pallam Raju is the HRD Minister in the Union Cabinet from October 28, 2012

Applications

- Aadhar-enabled service delivery launched in the country on October 20, 2012 in Rajasthan; Aadhar accepted for KYC for phones, bank accounts and passport applications

Infrastructure

- Karnataka has a new Vidhana Soudha for Northern part in Belgaum; inauguration by President Pranab Mukherjee on October 11, 2012
- First unit of Adhunik Power (270 MW) goes on stream on October 19, 2012 in Jharkhand
- ITC inaugurates Hotel Chola the world's largest LEED Green building on October 10, 2012
- BBMP commissions Phase IV of Kaveri Water scheme benefiting 100,000 homes on October 31, 2012
- Bhartiya launches 12 million sq. ft. "City of Joy" in Bangalore in 125 acre plot on October 30, 2012

Some interesting numbers

- Telecom subscriber base on September 30, 2012 stood at 937.70 million with 906.62 million mobile subscribers and 31.08 million wire-line subscribers (with net reduction of 1.74 million mobile subscribers and 0.13 million wire-line subscribers in September 2012) (TRAI Press Release No.199 dated November 7, 2012)
- India's Foreign Exchange on September 30, 2012 at $ 293.974 billion (RBI)
- Indian Rupee stood at 53.70 against USD on November 1, 2012 (RBI)
- Sensex (India's stock market index) at 18561.70 (RBI)
- Tatas turnover crosses $ 100 billion, the first for any Indian conglomerate; Tatas employ 4,57,000, operate in 80 countries across all the five continents, have 100+ companies (31 listed)
- Facebook user population touches one billion on October 4, 2012; Brazil and India have the highest number of FB users in the world

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Regarding Oct 12 issue of IEEE India Info

Correction on page-2, in the Recognition section,**Dr. Sivaji Chakravorti,** received FNASc (Fellow of National Academy of Science India) in 2012. He got FNAE in 2008.

IEEE INDIA COUNCIL

Dear Members,

We have organized several IEEE activities at different places in India, in the recent past. Most of the events have been reported in the Newsletter issued every month.

I may like to report few important issues as follows for the benefit of the members:

1. INDICON-2012, Kochi: It is a major event of IEEE India Council. You must plan to attend. As per report from the organizers,till today, 248 papers have been received which are IEEE explore compatible. A conference proceedings CD and a conference handbook (abstracts and schedule) will be available to the delegates.

2. AISC-2012: IEEE All India Student Congress (AISC)-2012 organized by IEEE Bangalore Ssection, was a great success. Detailed report is given separately.

3. Many IEEE student members have proceeded to USA, Canada, UK and other countries for higher studies (MS/PhD). Congratulations to them!

4. In an effort to effectively serve a growing student membership with a next generation member experience, the MGA Board this past June approved digital delivery of IEEE Spectrum and The Institute for Student and Graduate Student members. The digital versions offer:Interactive features like integrated audio, video, embedded web links, and e-mail links. Thus improved and consistent delivery by removing risk of delay or interruptions by postal service would be implemented.

5. All IEEE members are reminded to renew their membership for 2013 in time. Retention of membership is very much desired. Online membership is for USD 50 only for members from India. The price of membership for students remains the same as 2012: US$32 in North America; US$27 outside of North America.

6. In India, the present strength of membership is 43,302 (including students).

7. We have organized six online EC meetings(conferencing) and two personal meetings in 2012. Several issues have been discussed from time to time to improve the activities of India Council

8. Nomination process for India Council office bearers has been initiated, by the earlier Nomination Committee of Mr R K Asthana, Dr Suresh Chander Pal and Mr Raju Hira.

9. Mr K Ramakrishna has been elected as R-10 Chair, after a long gap following the tenure of Mr HL Bajaj. Heartiest congratulations again!

10. Mr Surendra Pal (IEEE Fellow & Bangalore Section past Chair) has taken over as President of IETE.

11. The MV Chauhan Student Paper contest has been finalized. The awards will be distributed during INDICON- 2012.

12. IEEE India Council members were invited to attend the Innovation Council function at Rashtrapati Bhavan on November 2, 2012 (see the report).

13. All the EC members of India Council, IC Chapter chairs and Section chairs are invited to attend the EC Meeting to be held at Kochi on December 8, 2012 at 2.00 PM during INDICON-2012 (see the notice).

14. All the IEEE members are invited to attend the AGM of IEEE India Council on December 8, 2012 at 3.00 PM at Kochi during INDICON-2012.

With best wishes,
Dr. V.R.Singh, Fellow-IEEE
Secretary-cum-Treasurer
IEEE India Council

IEEE INDIA COUNCIL: EC MEETING AT 2.00 PM
AND
AGM AT 3.00 PM ON DECEMBER 8, 2012
DURING INDICON-2012 AT KOCHI

WISHING YOU ALL A VERY HAPPY DIWALI!
V.R.Singh

A. IEEE-IC Execom Meeting (at 2 PM)

Dear EC Members, Section Chairs and IC-Chapter Chairs,

The next EC Meeting of IEEE IndiaCouncil is scheduled to be held on December 8, 2012 at 2.00 PM (just before AGM) during INDICON-2012 at KOCHI.
http://www.indicon2012.org/index.html
Exact venue (room no.) will be announced later. All EC members, Section Chairs and Chapter Chairs are cordially invited to attend. TA/DA has to be managed from your own Section.In case, you are not the chair in position, please forward the message to concerned person.A line in confirmation about your participation will be highly appreciated.
With regards,
V.R.Singh, F-IEEE
Secretary-cum-Treasurer
IEEE India Council
email: vrsingh@ieee.org

Agenda:

1. Welcome by the Chairman
2. Approval of Minutes of previous meeting held at Kolkata
3. Reporting by conveners of various committees of IC
(All the conveners are requested to mail their reports in advance to me so that the same can be included in the Secretary's report).
4. Feedback from Chapter Chairs (All Chapter Chairs who are ex-officio members of IC- Execom should also should submit reports to IEEE, HQ as per time schedule for claiming rebates for their Chapters). Please send your consolidated report at the earliest to me for inclusion in the annual report.

5. Reporting by Section Chairs
6. MV Chauhan Contest
7. Activities organised and Prizes/ Awards won
8. Statement of Accounts by the Treasurer (budget for future activities)
9. INDICON-2012
10. INDICON-2013
11. INDICON-2014
12. New Sections/Sub-sections
13. Any other matter with the permission of the chair

B. AGM of IEEE India Council (at 3 PM)

Dear IEEE Members,

All IEEE members are welcome to attend the AGM o IEEE India council on December 8, 2012 at 3.00 PM during INDICON-2012, Kochi.
http://www.indicon2012.org/index.html
Exact venu (Room No.) of the meeting will be displayed during the conference.Please confirm about your participation at the earliest
With regards,
V.R.Singh, F-IEEE
Secretary-cum-Treasure
IEEE-India Council
email: vrsingh@ieee.org

Agenda:

1. Welcome by chairman
2. Secretary's Report
3. Report on Accounts
4. INDICON-2012: status
5. INDICON-2013: status of preparations
6. INDICON-2014: proposal
7. MoUs with IE (I) and IETE
8. Any other matter with the permission of the Chair

All India Student Congress 2012, Bangalore

The most popular IEEE Student event in India:**All India Student Congress 2012 (**AISC 2012)was organized at Bangalore Section on September 28th , 29th , 30th 2012 at Reva Institute of Technology and management (RITM) , Bangalore. The theme of theme of the congress was "Empowering Students to Interact, Lead, Innovate& Inspire". ASIC 2012 was a conglomeration of some of the most vibrant and most vivacious minds from different IEEE branches from all over the country right from Delhi in North to Kanyakumari in south , Gujarat in West to Kolkata in East. The AISC provides a stage for branches from across the nation to come together and share thoughts, ideas and the best practices, to learn and gain from each other, foster leadership growth and for students to interact with people and cultures from every corner of India. AISC 2012 was a roaring success with proud and satisfied participants and organizers.

AISC 2012 Highlights:

550 Registrations and 300+ recommendation via emails
200 Number of students participated with almost 1:1 boy: girl ratio
14 Sections& Sub Section participated
60 Student Branches participated
20+Speakers from IEEE & Industry
　　　3 Speakers from R10: Mr. Darrel Chong , Mr. AbyKurian
　　　1 Speaker from India Council : Dr. Prerna Gaur
　　　2 speakers from MGA: Mr. PrasannaVenkateshan and Mr. Gowtham Prasad
3 Keynotes each on Leadership , Innovation and Entrepreneurship
20+ Senior IEEE volunteers present and 75% from outside Bangalore Section
2 Competitions : Innovative Student Branch Competition , Ethics Skit Competition
20,000 Rs Cash Prize and 100 + goodies and prizes given away
45 Student Volunteers from Reva and 6 Volunteers in Core Organizing team
2 Cultural Programs and unlimited dance and many birthday parties
3 days of ultimate networking, learning, fun and masti!

DAY-1 September28th 2012:

AISC 2012 was formally **inaugurated** byDr. V K ATRE-Former Scientific Advisor to Ministry of Defense, Mr. Ramakrishna Kappagantu IEEE R-10 Director elect 2013-14 ,Dr. Prerana Gaur , SAC Chair IEEE India Council ,Dr. Rana Pratap Reddy, Principal, REVA ITM, Bangalore, Mr. Hitesh Mehta, Chairman IEEE Bangalore Section, Prof. Siva Reddy–SAC Chair IEEE Bangalore Section, Mr, Gowtham Prasad , IEEEXtreme Lead & AISC 2012 Organizing Chair in the presence ofAISCOrganizing Committee , RITM Management , Staff & students of Reva ITM and the enthusiastic AISC participants.

Inaugural Keynote was delivered **Dr. V K Aatre**:which inspired the gathering, who emphasized on the importance of technology & engineering in today's world and what Indian students have achieved globally and can aspire to achieve. Later **Mr. Ramakrishna Kappagantu** addressed students and encouraged them to

volunteer for IEEE. For the first time a live streaming session was arranged at AISC and Mr. Darrel Chong, MGA SAC Chair spoke from Singapore IEEE Office. He talked to students about latest updates from MGA SAC and how students can benefit from IEEE. It was followed by talk fromM/S Prerna Gaur,India Council SAC.

Inaugural ceremony was followed up by Ice Breaking Session, a Networking/fun where participants mingled with one another to find answers to questions about other participants.Post lunch, following sessions followed: 'Student Benefits, Awards, competitions and funding' by Mr. Vishwas Jois - IEEE Bangalore Section and 'Journey of a student in IEEE' by Mr. Gowtham Prasad K N- IEEE MGA SAC.

Remainder of the afternoon saw participants engaged in Team Building Activity organized by RakeshBiradar, GOLD Bangalore Section. The enthusiastic participants were divided into groups & given challenging and yet fun activities to do. Each group had 5 min to talk why they are proud of the state they come from and it called for a lot of interesting facts and excitement to be shared.

The first day ended with an explosive Cultural evening with 2 hours of non-stop dance performances and live band performances. Every single person in the auditorium couldn't help but dance to the tune.

Day-2 September 29th:

•Second day started with **Keynoteon Innovation**by Mr. SudeendraKoushik, Chair Consumer Electronic Society, Bangalore chapter. It was followed by the session below:

· IEEE, A bigger Picture & Membership Retention' by Mr. PrasannaVenkatesan, Board Member, IEEE EAB.

•Leveraging IEEEXplore' by Mr. Dhanu.P, Client Services manager, IEEE India Office.

• Parallel Track on IEEE Technical Societies
oTrack 1 on Computer Society by Mr. Aditya Rao ,MGAB **-** Computer Society
o Track 2 on VLSI /COM SOC /Signal processing Society by Dr. T Srinivas,
　　Chair - Photonics Society & EXECOM, COMSOC Society Bangalore Chapter
• Student branch administration' by Mr. ArjunPillai- IEEE R10 SAC Team
• Pursuing Research opportunities in India' by Mr. Siddarth , Microsoft Research India
• Parallel 1:1 mentoring by Indian Student Network Team for Sections who are interested to adopt the 'Student Network' model which was called GINI earlier.

　IEEE Group Discussionactivity was planned in the afternoon. About 20 handpicked debatable issues relevant to IEEE such as Scenarios, benefits & key concerns were given to the groups to brainstorm. Some of the interesting topics were: IEEE & Social needs, IEEE& networking, How to overcome challenges from College Management, Marketing IEEE the right way et al. Some key ideas discussed were provided as input to India Student network team to convert them to actionable items.

Two interesting competitions were organized:

1.Innovative Student Branch Competition

Sbs were asked to submit their nominations prior to the congress, and the best nominations of the India's most vibrant student branches were selected to present how innovative are they in their approach and activities. Winners were Delhi Technological University and DhirubhaiAmbani Institute of Information and Communication Technology.

2.Ethics Skit Competition

Engineering & Human Ethics are two infinitely valuable practices that keep the spirits high & making the world bettera better place. Teams had to be formed with students from min 2 different sections. Teams were asked enact a small skit emphasizing social values and what can an individual do to bring about a change. With just few hours of practice the teams gave the gathering a fabulous performance that put the judges to a very difficult position to declare the winners. Competition went a long way to reinforce the importance to ethics and doing the right things in our professional and personal life.

DAY-3September 30ᵗʰ 2012:

Final day started with Keynote on Entrepreneurship by Mr. AshutoshLawania Co-Founder, Myntra.com. Being a young Engineering graduate with high ambition opens a door of infinite opportunities of taking up an idea from discussions to papers to the markets. With this view we had a talk by Mr. AshutoshLawani who shared his entrepreneurship story on starting the largest online fashion store business in India. He shared his

starting the largest online fashion store business in India. He shared his story of success and also encouraged the students to take-up entrepreneurship as a career option. The session was very interactive and students had many questions which were answered very well.

It was followed by the sessions below:

- •IEEEXtreme 6.0 by Mr. Gowtham Prasad K N &Srikanta P, IEEEXtreme, MGA SAC
- •R10 SAC updates' by Mr. AbyKurian , R10 RSR
- • Career Progression talks by
  - o Mr. RakeshGodhwani , IIM B
  - o Mr. ViswanathPoosala , Bell Labs
  - o Mr. BalaGirisaballa , Yahoo
- • Career & Skills by Mr. Ravikiran,, Vice Chairman Bangalore Section and Entrepreneur

AISC 2012 was concluded by Valedictory Ceremony. It involved AIYEHUM Award ceremony, tanking note by Organizing team, A quick video of 'memories of AISC 2012', Attendee Experience sharing session. It was a very touching moment when Student volunteers got a standing ovation from the participants. With new friendships created, new bridges built and new ambitions in eyes participants started back to their cities. Overall it AISC 2012 was a great success and set new benchmark.

Compiled by:

Gowtham Prasad K N

Organizing Chair, AISC 2012

gowthamk@ieee.org

IEEE CE Chapter / AISC 2012

About the award:

This unique Most Innovative Student Chapter award is the brainchild of Consumer Electronics Chapter Bangalore.

Our aim is to encourage students to be very confident and capable in their innovation abilities, especially as engineers. This award we hope, will trigger them to think and act along these lines.

This is instituted as a annual award, with cash and trophy along with a certificate. The final five participants also get a certificate of participation.

We also conduct lectures (90 minutes) and workshops (1 day) on Innovation which we encourage the student chapters to make use of. Those interested can contact the undersigned.

- Sudeendra Koushik, Secretary, Consumer Electronics Chapter, Bangalore, on behalf of the chapter

Motivation:

The motive of this award is to encourage Innovation at the students level. This is done in two ways - one by conducting courses on how individuals can be better innovators. The other is through this award how the community of students can create opportunities to be more innovative in their activities and contribution to the society. once this thinking sets in lot of new possibilities can occur for self development and community development.

Process:

We asked the student chapter a set of queries to respond to in the stage of shortlisting. the question were to extract and force the branches to think on the lines of innovation in addition to their usual activiites of organising events. Based on the responses the shortlisting was done (from 20+ to 5 chapters).

In second stage - the presentation stage - which was done at AISC Congress in RITM Bangalore - the above 5 teams were asked to present - a elevator pitch why their chapter is worthy of this innovation award - and importantly their 'vision' for their chapter going ahead in terms on Innovation. Three judges (two from CE Chapter Bangalore and one from Delhi chapter) were involved in selecting the winner and runner up from these 5 chapters.

Outcome:

The initial responses were generally good. The short-listed teams presented a more clearer picture and a better vision of their future plans on innovation which was the key aim of this process.

We hope the teams have been enthused with this thinking process and they will follow up with actions.

we will see the results of those action in the next year award selection process

National Problem Solving Contest - NCC 2012

October 22, 2012

Dear IEEE fellow members,

Please accept my hearty greetings for the warmth and happiness that the Sharad Ritu combined with the festivities like Navaratri, Dussehra, Durga Pooja, Navaratri, Diwali and Thanks Giving and the Christmas bring to you and to your loved ones.

What are the jobs of the future?

With technology and economic developments moving at such a high pace, it's hard to keep up with what's going on today, more or less foresee what career paths will make our students winners in a decade or two. Researchers recommend broad skills that will help workers adapt to changing career landscape are: novel and adaptive thinking, sense making, computational thinking, data based reasoning, cognitive functioning using a variety of tools - to name a few.

Since 1989, Nalini Foundation is striving to develop innovative capacity in children and students through development of their problem solving skills. It holds Annual National Computing Contest as one of its endeavors in reaching this goal.

The contest details can be found at **http://www.NaliniFoundation.org.**

We would appreciate your encouragement in sponsoring your students to participate in NCC 2012 on Sunday, December 16, 2012 in your town, in this National annual event.

I close my appeal to all the education leaders who can probably quote that old saying, "Give a man a fish and he'll eat for the day. Teach a man to fish and he'll eat for the rest of his life."

So I wonder, why won't we teach our students how to fish? And why won't we help them to learn the best way for each of them to fish?

With kind regards,

Sincerely,

(Narayen Ugar)

Trustee, Nalini Foundation

n.ugar@ieee.org

IEEE Kerala GOLD: TISP Week 2012

Greetings from IEEE Kerala GOLD. Please follow the final report of the TISP Week 2012 Teacher In Service Program) organized by IEEE Kerala GOLD and Educational Activities to train the Pre University teachers across the state of Kerala at **www.gold.ieeekerala.org .**

Hope you will enjoy reviewing the report of this biggest ever teaching training series organized by IEEE in India. We would like to thank each and every one who helped, guided and volunteered to make this massive event a great success. Please feel free to write to us your comments.

Note:

The follow up workshop series in ON and we were able to train close to 1000 students till date.

Please take a look at the article on TISP Week in 'The Institute'.

http://theinstitute.ieee.org/career-and-education/preuniversity-education/ieee-trains-preuniversity-teachers-in-india

Happy Volunteering.

On Behalf of IEEE Kerala GOLD and Educational activities,

 Sincerely,

Ranjit R Nair & Namith Najeeb
Organizing Head, TISP Week 2012
www.gold.ieeekerala.org

For More Photos please log on to:
http://sites.ieee.org/keralagold/gallery/
https://www.facebook.com/TispKerala/photos

3ʳᵈ National Competition on

Student Autonomous underwater Vehicle (SAVe-2014)

Partners : IEEE - Oceanic Engineering Society - India Council,
IEEE - Madras Chapter and Ocean Society of India, Chennai

National Institute of Ocean Technology (NIOT), Ministry of Earth Sciences, announces a competition for students pursuing engineering degree to visualize and design **STUDENT AUTONOMOUS UNDERWATER VEHCILE (SAVe-2014).**

The focus is on developing innovative underwater technologies needed for ocean observations. For further details, please visit web site **www.niot.res.in**

Scientist-in-charge [SAVe Competition]
auv@niot.res.in

Report on First Delhi Student Congress-2012

Over the past, the section has realized the need of having an efficient networking structure in pace which facilitates better performances by the branches as well as an access to a cumulative pool of creative ideas and thoughts. An effort to strengthen the collaboration platform and improve industrial relations which may open diverse opportunities was also needed. A student committee comprising of representatives from all the branches was required to serve these purposes.

In view of the above, a session was required to create the structure of this committee as well as to throw light on the major lacunae suffered by the branches while maintaining their branches. Thus, concept of Delhi Student Congress'12 session came into place.

20th October 2012, DSC'12, DAY 1:

The conference saw the participation of more than 100 students from around 25 branches across the whole Delhi Section. The session started with a warm welcome to the dignitaries and students by the IEEE NSIT Chairperson, Mr.AnshayDeshwar, where he detailed about the aim of the congress session and discussed about the expectations from it. Chair IEEE Delhi Section, Dr.Shibin K. Koul addressed the students with a presentation followed by Chair, Membership Development,Dr. Mini Thomas. SAC, IEEE Delhi Section and India Council,Dr.Prerna Gaur then briefed the students regarding the concerns of IEEE problems and gave an interactive presentation which described the various facts regarding IEEE and its benefits followed by Chair, WIE Delhi Section, Dr.RachnaGarg, who adressed the students regarding the IEEE WIE society, its aim and mission. This was followed by IEEE NSIT presentation given by our Vice-Chair Mr.Ayush Gupta, where he tried to brief the students about the achievements of the new session, specially focusing on the amazing amount of memberships received for the first time in the history of IEEE NSIT.

We had with us, honourable professor Dr.SheelAditya, from Nanyang Technological University, Singapore who visited the conference and conducted a session in which he briefed the students about the scope in higher education at the NTU, Singapore. This was followed by a team building activity that the students thoroughly enjoyed.After the lunch, the conference moved towards the most important step - the next level evolution of IEEE Delhi Section, the Delhi Section Committee formation.

Under the guidance of the Honourable SAC, Dr.Prerna Gaur, Mr.Vibhor Relhan, SSR, Delhi Section explained the need, benefits and the proposed structure of the committee to the participating students. The attending students, who had already been briefed about the process a week in advance through mails and a concerted effort by NSIT IEEE Vice-Chair Mr.Ankit Gupta, were asked to give their reviews and their suggestions were incorporated in order to make it a flexible, inclusive effort. The first day of the conference came to an end leaving students eager to attend the next round of interactive session.

21st October, 2012 -DAY 2:

After welcoming some GOLD members including Mr.Ayush Jain and Mr.Abhishek Verma who had kindly joined the process to lend some experience and moderate the group discussion.The topics for the discussion were compiled on the basis of major problems mentioned by the students in the pre-meet registration form. Each group discussed and conveyed the discussion to the other groups, and thus we came up with a lot of solutions and ideas. After the lunch, Mr.Sandeep Mann, Board Member, Institute of competitiveness, India conducted a session on personality development for the students. Later, we continued with the process of committee formation. Once the structure was briefed, nominations were taken from all the branches for the Section committee and the concept of formation of three different Groups was introduced. While every branch was given a choice to choose their own group, certain guidelines had been set to help them make an informed choice. The branches that had now evolved into 3 groups of 8 branches each, came up with nominations of students who will be responsible for networking activities, managing collaboration platform and improving industrial relations for the corresponding group.

The final candidates were chosen on the basis of mutual consent of all the branches in that Group. Finally, we had a group of 9 selected candidates which will be now the part of the proposed Delhi Student Committee and strive to achieve specific goals of the section under the leadership of the Delhi Section SSR and the honourable SAC. The conference finally came to an end with a highly optimistic note, with a new hope for a better coordination among the branches and the new relations which are now set up between the various students after the healthy interaction of 2 days.

IEEE News

We are pleased to inform you that IEEE GRSS (Geo-science and Remote Sensing Society) Kolkata Chapter is approved

Chief Patron
Mar. Joseph Kallarangatt
Bishop, Diocese of Palai
Patron(s)
Msgr. Philip Njaralakatt
Chairman,SJCET,Palai
Dr. P. J. George
Project Director, SJCET,Palai
Dr. C. J. Joseph
Principal, SJCET,Palai
Er. Satish Babu
Chair, IEEE Kerala Section
Conference General Chair
Er. S. Gopakumar
Chair,Educational Activities
IEEE Kerala Section
General co-chair
Dr. J. Latha
Director of Technical Edu.,Kerala
Organizing Secretary
Prof. Madhukumar S.
Professor & Head
Dept.of ECE,SoE,SJCET,Palai
*Technical Program Committee
Chairs*
Dr. A. Unnikrishnan
Associate Director, NPOL, India
Dr. Jimson Mathew
University of Bristol, UK
Members
Er. K B Senthilkumar
CDAC, India
Er. Unni Sankar
Nest, India
Dr. Babita Roslind Jose
CUSAT, India
Track Chairs
Automation**: Dr. Ashokan A**
Annamalai University,India
Computing**: Dr. N. Santhiyakumari**
KIOT, Anna University ,India
Communication**: Dr. Deepthi P. P**
NIT Calicut,India
Control**: Dr. Srinivasa Rao. Y**
Andhra University,India
Compressed Sensing **:**
Dr. K. P Soman
Amrita University,India
Publication Chair
Prof. Dr. B. Priestly Shan, SJCET
Prof. Sreesh P.R , SJCET
Conference Treasurer
Prof. Abi P Mathew, SJCET
Er. Sarada Jayakrishnan,
Treasurer, IEEE Kerala Section
*Publicity & Public Relations
Chairs*
Dr. Ignatius Korah, SJCET
Prof. Arun.P, SJCET
*Registration & Session
Management Chairs*
Mr. Srinivasan R
CellApp Technologies, India
Prof. Tomson Devis, SJCET
*Transportation, Visa & Local
Logistics Chairs*
Prof. Abraham C G, SJCET
Prof. Mohit John, SJCET
Conference Conveners
Prof. Sabarinath G, SJCET
Prof. Deepa V, SJCET

IEEE International Multi-Conference on Automation, Computing, Control, Communication and Compressed Sensing (iMac4s-2013)

Extended Call For Papers
IEEE conference record # 20969 :: website — www.imac4s.org

IEEE Kerala Section and the School of Electronics, St. Joseph's College of Engineering and Technology, Palai are pleased to announce the 2013 IEEE International Multi-conference on Automation, Computing, Communication, Control and Compressed Sensing. IMAC4S 2013, which will be held in Kerala, India on 22-23 March 2013, will provide a platform for knowledge exchange between postgraduate researchers working in areas of interest listed below. In addition, it provides an opportunity for the participants from India and overseas to share research findings and establish network and collaborations. Authors are invited to submit original, unpublished papers on all aspects of Automation, Computing, Communication, Control and Compressed Sensing including but not limited to the following technical areas:

Automation
Design automation tools and methodologies
Silicon solutions and embedded system-on chip
Die integration and packaging
Chip-package co-design
System-in-package (SIP)
3D and stacked design integration techniques
Nanotechnologies
Micro electro mechanical systems (MEMS)

Control
Control, Information and Systems Engineering
Drives and Power
Active power quality controllers
Control of Power Converters
Consumer Power Electronics
Energy saving and compatibility of electrical drives and generators
Power Converters
Power Electronics Controllers for Power Systems
Power Electronics converters for drives and generators

Communications
Beyond 3G, 4G, LTE, and WiMAX Networks
Wireless Local Area Networks
Wireless Personal Area Networks
Wireless Ad Hoc and Mesh Networks
Wireless Vehicular Networks
Cognitive Radio Networks
Satellite Networks
Self-organizing and Re-configurable Wireless Networks
Signal Processing for Communication
Energy Efficient Wireless Sensor Network Solutions
Wireless MAC Protocols
Scheduling Techniques for Wireless Networks
Wireless QoS Routing Algorithms
Radio Resource Allocation and Management
Cross-layer Design and Optimization in Wireless Networks
Clustering, Topology Control, Coverage and Connectivity
Cooperation and Relaying in Wireless Networks
Analysis, Simulation and Performance Evaluation
Integration of Heterogeneous Mobile, Wireless and Wire-line Radio Access Networks
Mobility, Location Management and Handover Techniques for Wireless Mobile Networks
Multimedia over Wireless and Mobile Systems
Power-aware Architectures, Algorithms and Protocols for Wireless/Mobile Networks
Wireless Services and Middleware Platforms
Green Radio Communications
Measurements, Testbeds and Deployment of Wireless Systems

Computing
Quantum and biological computing
Artificial Neural Network, Fuzzy Systems and Hybrid Systems
Computational Intelligence and Evolutionary Computation
Data Communication, Computer Network, Security & Forensic
Decision Support and Recommender Systems
Data Mining, Knowledge Discovery, and Knowledge Management
Image Processing and Pattern Recognition
Computer Vision Systems
Information Retrieval, Natural Language Processing, and Ontology
Software Engineering and Software Development
Web Application and Web Service
Computer Science and Engineering
Information Technology and Computer Education
Medical Informatics and systems

Compressed Sensing
Algorithms for CS
CS methods that are tolerant to noise, signal nonsparsity, or measurement nonlinearity
Measurement/sampling procedures
Mathematical theory of CS
CS for multiple signals or with additional information
CS for analog signals
Signal processing of compressive measurements
Non adaptive signal compression, streaming dataset reduction
Hardware implementation of CS systems

IMPORTANT DATES

Full paper submission:
15 November 2012
Notification of acceptance:
5 January 2012
Camera ready & Registration:
9 February 2013
Conference Date:
22-23 March, 2013

CONTACT

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SUBMISSION OF FULL PAPERS
Prospective authors are invited to submit full papers (up to 6 pages, IEEE Manuscript formats as per templates available at http://www.ieee.org/conferences_events/conferences/publishing/templates.html in English, through online submission at http://www.imac4s.org by 15th November 2012. All papers will be blind-reviewed by at least two independent reviewers and the authors will be notified about the acceptance via email. All accepted papers will be published in the conference proceedings and ieeexplore.

CONFERENCE FEES

	IEEE Member		Non IEEE	
	Professional	Student	Professional	Student
Local participant	Rs. 4000/-	Rs. 3000/-	Rs. 5000/-	Rs. 4000/-
Overseas participant	USD. 250/-	USD. 200/-	USD 300/-	USD 250/-

All fees are inclusive of registration, proceedings CD, breakfasts and lunches. The fees are exclusive of bank transfer charges.

IEEE 2013 TENCON –SPRING

IEEE NSW Section, Sydney, Australia

An IEEE Region Ten Conference

Date:

17-19 April 2013

Organizing Committee

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EDAS Support

For details, please visit:
www.tencon2013.org.au

Call for Papers

The first TENCON –Spring conference will be held in Sydney, Australia. It is a sister conference to the well known TENCON conference. It will bring together top technical professionals from the Electronics and Electrical Engineering community to exchange information and results of recent in the areas of electronics, communications and power engineering.

Papers presented in conference will be submitted to IEE EXplore Digital Library and indexed by EI Compendex.

Prospective authors are invited to submit an extended abstract of up to two pages including figures. The abstract for review must clearly state: the purpose of the work; the manner and degree to which it advances the art; and specific new results that have been obtained and their significance. Abstracts are to be submitted to:
http://edas.info/N13595

Theme1: Advanced Technologies & Economics of Energy Systems

- Power Electronics & Energy Conversion
- Renewable Energy & Sustainable Development
- Power Systems
- Electric and plug-in hybrid electric vehicles
- Electrical Machines & Drives
- Electricity Markets and Electrical Power Economics
- Emerging Applications & others

Theme 2: Personal Communication in a mobile world

- Signal Processing and Applications
- Communications and Networks
- Circuits and Systems
- Antennae and Propagation
- Biomedical Engineering and Others

Important Dates

Close of Call for Papers:	26 November 2012
Notification of authors:	1 February 2013
Final Paper Upload to EDAS:	25 February 2013
Tutorial Proposals:	30 November 2012

Please see website for details on tutorial proposals!

IEEE

The Result of MV Chauhan Paper contest 2012

IEEE INDIA COUNCIL glad to announce the result of MV Chauhan Paper contest 2012 where the students from all over India were requested to submit research/technical paper on the subject related to the engineering field. There were 18 full papers entries and each paper entry was evaluated by three expert reviewers. Based on the originality, technical correctness, novelty and the use of proper IEEE format, following three papers were selected for 1st, 2nd and 3rd prize:

1st Prize: Real-Time FPGA based Implementation of Fast ICA for Artifact Removal in Biomedical Signals
(Abhinav Agarwal,Department of Electronics and Electrical Engineering,Indian Institute of Technology Guwahati, Guwahati, India, abhinav.a@iitg.ernet.in and Abhijeet Singh, Department of Electronics and Electrical Engineering, Indian Institute of Technology Guwahati, Guwahati, India s.abhijeet@iitg.ernet.in)
2nd Prize: Measurement of Bulk Charge Densities of High-K Dielectric Thin Films
(B. Ashish Kumar, Department of Electrical and Electronic Engineering, Silicon Institute of Technology, Silicon Hills, Patia, Bhubaneswar, Odisha, India. balaashishku42@gmail.com)
3rd Prize: The Study and Implementation of Natural User Interface using Kinect
(Akhil Guliani, Div. of Instrumentation and Control Engineering, Netaji Subhas Institute of Technology, Delhi; akhil.guliani@gmail.com)
        Heartiest Congratulations to all winning candidates. The AWARD CEREMONY and presentation of papers will be held on 7th Dec'2012 at 3:30 during INDICON 2012. The details of INDICON are given at **http://www.indicon2012.org/index.html**
        The AWARD prize in cash of Rs.6000/- , Rs4000/- and Rs3000/- respectively for 1st, 2nd, and third winner will be given during the above event.
        One candidate (presenter) for each paper will get reimbursed travel grant limited to train Far (Sleeper Class).
    With Best Regards
    Dr.Prerna Gaur
  Netaji Subhas Institute of Technology
  SAC-IEEE India Council and IEEE Delhi Section
  {Chair, Standing Com.-Students & Educational activity}

Editor's Message

Dear Members,

There are great news around for IEEEians in India. So many awards are won by our own members at Global level, as listed below:
LEADERSHIP AWARDS
Ramalatha Marimuthu (R10), Madras Section
For inspiring leadership in transforming young engineers into socially responsible professionals and encouraging innovative IEEE Student Branch and Women in Engineering humanitarian activities across the Region.
 Darwin Jose Raju (R10), Madras Section
For influential leadership and commitment to member engagement and promoting IEEE and Women in Engineering among young engineering professionals.
Anil Kumar Roy (R10), Gujarat Section
For distinguished leadership and making outstanding contributions as a volunteer serving IEEE for the benefit of its members and the engineering profession.
ACHIEVEMENT AWARDS
Debabrata Das (R10), Bangalore Section
For excellent and relentless pursuit of IEEE goals by enhancing relationships with industry, organizing conferences, and promoting student activities within the Section, Council, and Region.
GOLD ACHIEVEMENT AWARDS
Mithun Bhaskar (R10), Hyderabad Section
For consistent and commendable efforts to improve young professional and student participation in IEEE Chapter activities in India.
Barnabas Muthu (R10), Madras Section
For continuous efforts and excellent leadership in substantially increasing member retention and transition through organizing IEEE STEP programs and collaborative GOLD events.
Ranjit Nair (R10), Kerala Section
For exemplary contributions to IEEE GOLD in Region 10 and for bridging generations through GOLD activities.
Jaison Abey Sabu (R10), Kerala Section
 For outstanding leadership and achievements in engaging, guiding, and motivating IEEE GOLD members and students across India and Region 10
Congratulations to all of them.
Also I would like to share that IEEE A&A Panel meeting is going to be held at Bangalore in month of March (30th March 2013). I request section chairs to generate awareness about senior membership among eligible members and try to see that maximum applications get submitted before March meeting, so that we get more senior members from India.
        Looking forward your contribution/ suggestions for your own newsletter.
                Regards
                Hitesh Mehta
                    Editor.