From the desk of ECC

My dear esteemed Members,

Greetings from IEEE Delhi Section to all its Members for the new year 2011. Due to some hitch we are encountering delay in holding the Section AGM and consequently change over in leadership as per slate announced in the last issue of e-newsletter and also repeated in this edition. Notwithstanding the fact, Computer Society Chapter has gone ahead in announcing its AGM on Feb 19, 2011 (*Saturday*) through a notice also included in this issue. Further in this week-end we have the India International Conference on Power Electronics (IICPE-2010) on January 28 - 30, 2011 at Netaji Subhas Institute Technology, New Delhi. It'll be inaugurated at 11:30 AM on 28th. Then Annual TechFest of Jamia Millia Islamia Student Branch ENCOMIUM inauguration is on January 29 at 11 am with a competition entitled "GreenTech innovation 2011" at 2 pm, WIE meet on Feb 04, 2011 in DTU at 10 am. Besides these events Section is also hosting three workshops on Feb 07 & 10, 2011 with the support of IEEE Standard Association, for which based on circular issued there has been overwhelming response on web-base registration. For further query concerned contact persons may be approached, referring to the circular, placed again in this issue.

Another good news, I wish to share with you all. As you may see at the end of the e-newsletter we have crossed now four thousand mark in strength, of course with more than 62% on the basis of student members. Let us not only maintain it, but also keep growing. At the same time I hope

Section leadership will be having added responsibility to serve the need of large member-force possibly decentralizing activities in the entire northern part of India coming under the jurisdiction of Delhi Section.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
January 27, 2011 (*Thursday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Please look at the web-page with URL http://ewh.ieee.org/r10/delhi/lec.html from time to time for the announcement of lectures.

(*already held*)
On January 14, 2011 (*Friday*) at 11:45 am a seminar on "Advanced Design Techniques for Integrated Voltage Controlled LC Oscillators" by IEEE Solid State Circuits Society Distinguished Lecturer Dr. Peter Kinget, FIEEE, Department of Electrical Engineering, Columbia University, New York, USA in the Committee Room, 1st Floor, EE Department, IIT Delhi (*organized by* IEEE CASS - CSS Delhi Chapter *with the support of* IEEE Solid State Circuits Society)

On January 14, 2011 (*Friday*) from 11:00 am to 5:00 pm *daylong* workshop on "Analog Tool of Cadence tool Bundle" in the VLSI CAD LAB, DTU, Delhi (*organized by* WIE Affinity Group *in association with* DTU)

Slate for 2011 IEEE Delhi Section Exec Com reported

Section Standing Committee on Nomination, chaired by Dr Ram Gopal Gupta and having Mr Harbans L Bajaj, FIEEE, and Prof Suhash Dutta Roy, FIEEE as Members formed the following slate for 2011 IEEE Delhi Section

Executive Committee (besides Past Chairperson) as reported in the Section Exec Com Meeting held at IIC, New Delhi on Dec 23, 2010.

Sr.No. Position Name Organization
1. **Chairperson** Prof . Siban K. Koul, IIT-Delhi
2. **Exec Vice Chairperson** Prof. Bhim Singh IIT-Delhi
3. **Vice Chairperson** Prof. Mini S. Thomas JMI Uni.
4. **Secretary** Dr. Sukumar Mishra, IIT-Delhi
5. **Jt. Secretary** Mr. Piyush K. Gupta C-DOT
6. **Treasurer** Dr. Prerna Gaur NSIT
7. **Past Chairperson** Dr. V R Singh, ex-NPL
8 **Member** Mr. Daman Dev Sood
9. **Member** Mrs. Rachana Garg DTU
10. **Member** Mr. Ravindra Joshi NDPL
11. **Member** Prof. Abdul Q. Ansari JMI Uni.
12 **Member** Ms Shabana Urooj
13. **Member** Dr R. G. S. Asthana Max HealthCare
14. **Member** Prof M N Hoda
15. **Member** Mr Narendra Rajput
16. **Member** Mr. Ayush Jain

On the three forthcoming Workshops of IEEE SA

1. IEEE Cloud Computing Workshop on 7 February 2011 at New Delhi 14:00 to 17:00 Jamia Millia Islamia University, Jamia Nagar, New Delhi-110025, India (to register FREE by 24 January 2011, please copy and paste URL given by: https://web.memberclicks.com/mc/quickForm/viewForm.do?orgId=ieee&formId=94214) Contact person: Prof. Abdul Q. Ansari <aqansari@ieee.org>
2. IEEE Design Automation Workshop on 10 February 2011 at New Delhi 09:00 to 12:30 India Institute of Technology, Hauz Khas, New Delhi-110 016, India (to register FREE by 24 January 2011, please copy and paste URL given by: https://web.memberclicks.com/mc/quickForm/viewForm.do?orgId=ieee&formId=94222) Contact person: Dr. Subrata Mukhopadhyay <ieeedelhi@ieee.org> / Prof. Shiban K. Koul <shiban_koul@hotmail.com>
3. IEEE Smart Grid Workshop on 10

February 2011 at New Delhi 14:00 to 17:00 Jamia Millia Islamia University, Jamia Nagar, New Delhi-110025, India (to register FREE by 24 January 2011, please copy and paste URL given by: https://web.memberclicks.com/mc/quickForm/viewForm.do?orgId=ieee&formId=94220) Contact person: Prof. Mini S. Thomas <mini@ieee.org>

Notice for CS Chapter AGM

Dear All (CS Chapter IEEE Delhi Section Members)

An AGM of the CS Chapter has been arranged per following details:

a)   Date: 19th Feb 2011

b)   Time: 3pm

c)   Venue: EFY Expo, Pragati Maidan, New Delhi (just before the 3 Is Seminar arranged by the CS Chapter at the same venue)

Please block your diaries and make it convenient to attend.

I also take this opportunity to share with you that the Chapter performed very well last year. Delhi Section arranged 81 Technical Activities – out of these about 12 were arranged by the CS Chapter, including Technical Co-Sponsorship of at least 6 National/ International conferences. Additionally, the Chapter joined hands for a first of its type survey 'India Green IT Survey'. The survey has produced excellent outcomes.

We hope to continue doing better in the new year with your support.

Thanks & Regards

Daman

Chair CS Chapter, IEEE Delhi Section

From Daman's Desk

CS Chapter's 3 Is Seminar, 19th Feb 2011, 3:30pm-5:30pm, EFY Expo Pragati Maidan, New Delhi

The Computer Society Chapter is organising a **3 Is (Industry Institution Interaction) Seminar** at the EFY Expo on 19th February 2011 to be held at Pragati Maidan, New Delhi. CS Chapter has created this platform to bring the Academic Institutions and the Industry closer, to sit across a table and thrash out some important issues. The senior members of the CS Chapter, also representing the industry will be present and the seniors of the Academic Institutions along with students will be present. There will be debates to explore possibilities. One major outcome for the students will be to seek guidance on the spot from the seniors. Role of IEEE in building careers will be discussed at length. Live examples of those who have built their careers through/ with IEEE will be seen on stage.

Please see tentative program at http://www.efyexpo.com/programmesactivities/industry-institution-interaction-an-ieee-event/industry-institution-interaction-by-ieee/

While the seminar is open to all and FREE, I request huge participation from all Institutes under Delhi Section. Also, those seniors from the academia and the industry willing to share their IEEE experiences may get in touch with the convener/ organiser (Daman d.sood@continuityandresilience.com).

If you wish to raise issue pertaining to the seminar or if you have some ideas and solutions in mind, please submit to the convener by 31/01/2011. This will help to create a common questionnaire to present to the IEEE/ Industry experts and seek their views. Also, the suggested solutions will be consolidated for circulation during the seminar. Few selected faculty/ students will be allowed to speak at the seminar – this selection will be purely on random basis.

SCOOP
(*extract from January 2011 issue*)

2010 Annual Reporting and Rebate Requirements

The 2010 Annual Reporting and Rebate cycle has begun. All Section Officers and Chapter/Affinity Group Chairs have been contacted with a reminder that the following annual reports are required to be eligible for a rebate:

- Meeting Report
- Officer Report
  - If you have new Officers within your Section or Chapter, please remember to update your unit Web pages as appropriate. When publishing this information, please remember that you should never post an individual's IEEE member number.
- 2010 Financial Report (L50)
  - Additionally, units that maintain a local bank account (i.e., not an IEEE Concentration Bank Account) must also

submit the Bank Account Disclosure Form.

Reports should be completed and submitted as soon as possible, but no later than 31 March 2011. A 10% rebate bonus will be made to units that complete the reporting requirements by 18 February 2011. Additional information on the 2011 Rebate Schedule is available. Please e-mail MGA Staff with questions.

Sections Congress Recommendations

Sections Congress traditionally serves as a forum for members to discuss their ideas about the direction of IEEE and vote on a list of recommendations for the IEEE Board of Directors to act on. Recommendations made at the 2008 Sections Congress (SC08) spurred several initiatives:

- The Member Digital Library Basic, launched in September, offers three full-text article downloads per month for a monthly fee of US$15.
- The IEEE Center for Leadership Excellence (CLE), established in 2009, contains training materials to build professional skills and acquaint newly elected leaders with the basic goals and tasks of their positions.

- vTools.Meetings provides volunteers with online tools to assist with such administrative tasks as planning a meeting, creating a calendar of events, posting blogs, and accepting small payments online for local events. vTools.WebInABox helps volunteers easily create and maintain their Section's Web pages.
- The Rupee Project pilot program, launched last year, allows student members in India to pay their membership dues in local currency. Similar programs for students in other countries are under consideration.
- The Loyalty Program, launched in March, provides free access to five eLearning online tutorials to first-year, full-grade members, to encourage student members to become full-grade IEEE members. This year, beginning in October, IEEE plans to extend the program to first-year full-grade renewing members and offer them free access to 10 tutorials.
- In an effort to implement similar benefits across all Regions, the IEEE Job Site has been expanded to include postings for

jobs in Australia, India, and Singapore, and several IEEE discount programs have become available to more IEEE members. The IEEE Financial Advantage Program includes a range of discounts on products and services for the home, school, and office.

Each Regional Sections Congress Coordinator has received information on the 2011 Sections Congress (SC2011) Recommendation process. All recommendations are to be submitted prior to 15 May 2011 and should focus on how the member experience can be enhanced. Additional information will be posted on the SC2011 Web page.

Required Geographic Unit Compliance

It is important that every Geographic Unit is compliant with IEEE policy. As a reminder, your Geographic Unit should not hire staff or independent contractors and shall not lease or purchase real estate without proper authorization. Additionally, separate incorporation of IEEE Organizational Units is not normally permitted. Please e-mail MGA Staff with questions or comments related to general compliance or these IEEE Policies.

Reminder - Poster Session at SC2011

As a reminder, plans are being made to exhibit posters at Sections Congress 2011 (SC2011). Each Section and Chapter is invited to submit abstracts of posters on topics that are related to an IEEE goal, with particular emphasis on benefits to IEEE members and the theme of SC2011, "Empowering Members to Create the Future." Examples of possible topics include, but are not limited to: how to make IEEE a value benefit to the general members, successful implementation of humanitarian initiatives, and collaboration between Sections and Chapters.

Please e-mail all abstracts to the SC2011 Program Committee. Notification of the successful posters will be announced in March 2011. Individuals who are presenting a poster at SC2011 will be responsible for their travel expenses. More information on the poster session is available on the SC2011 Web page.

Seeking Nominees for 2012 IEEE Leadership Positions

IEEE is looking for people with the skills, passion, and perspective to volunteer and serve in 2012 as IEEE officers or on committees of the IEEE Board of Directors. View the list of positions and/or nominate yourself or a colleague.

Deadlines:

- 1 March: Standing Committee Chairs, Women in Engineering Committee Student Member
- 1 July: Standing Committee Members, IEEE officers (Vice President Educational Activities, Vice President Publications Services & Products, IEEE Secretary, IEEE Treasurer, 2013 IEEE-President Elect)

Call for Grant Applications: IEEE Foundation / IEEE Life Members Fund

The IEEE Foundation cultivates relationships and resources to advance IEEE's core purpose to foster technological innovation and excellence for the benefit of humanity. To fulfill its role, the IEEE Foundation awards grants to new and innovative projects and administers more than 130 funds that support a variety of educational, humanitarian, historical preservation, and peer recognition programs of IEEE units.

The IEEE Life Members Committee seeks to support programs that promote engineering to the pre-college community, the professional development of young electrical/computer engineers, the history of electrical/computer engineering, and the interest of Life members.

The next two deadlines for grant applications for new and innovative projects

are 22 April and 12 September. Submit grant applications online.

The IEEE Foundation / IEEE Life Members Committee consider projects that:

- benefit humanity through the use of technology
- improve primary and secondary math and science learning
- increase active interest in engineering and science
- preserve the history of IEEE associated technologies
- tap the technological expertise of IEEE members
- demonstrate ability to be duplicated

Before submitting an application, please review the IEEE Foundation grant guidelines. E-mail questions to the IEEE Foundation.

IEEE GOLD to Host Mentoring Connection and Networking Webinars

IEEE Graduates of the Last Decade (GOLD) invites IEEE members to attend upcoming webinars:

- The IEEE Mentoring Connection program, sponsored by IEEE Graduates of the Last Decade (GOLD), is hosting a webinar on mentoring. This webinar is

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targeted at IEEE members who are interested in mentoring, either from the perspective of being mentored or of being a mentor. This webinar will discuss the concept of mentoring and how the IEEE Mentoring Program works. In addition, participants will explore what to look for in a mentoring partner and clarify roles, responsibilities, and expectations. This webinar will be recorded and made available for on-demand viewing for those members who are not able to view it live. This event will be held on Friday, 21 January 2011, at 13:00 EST. Register Now.

- "Fearless Networking for Engineers" will provide insight into why networking is important and provide tips on how to integrate networking into your professional development activity.This event will be held on Wednesday, 23 February 2011, at 9:00 EST.

Information about these Webinars and other future and archived Webinars can be found on the IEEE GOLD Webinars Web page.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(January 27, 2011)
Total: 4248

Affiliate	Active	38
Associate Member	Active	69
Fellow	Active	8
Graduate Student Member	Active	363
Honorary Member	Active	3
Life Fellow	Active	1
Life Member	Active	4
Life Senior	Active	12
Member	Active	930
Senior Member	Active	168
Student Member	Active	2652

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vol 11 no 02
February 2011

From the desk of ECC

My dear esteemed Members,

Oh no; again we have slipped to 2424 from 4248 in membership strength. I am not changing the circulation list, except adding new faces. Therefore, my intention is clear indicating to those members who are in arrear. Please, please,... renew without wasting anymore time so that quickly we reach or rather pass over 5K figure.

Our Section AGM is slated to be held at India International Center, New Delhi on April 03, 2011 (*Sunday*) at 10 am. You are invited to attend and be a party to the get together of IEEE Delhi Section Members, besides participating in the 'Business as Usual'. We'll be eagerly waiting.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section

February 28, 2011 (*Monday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Please look at the web-page with URL http://ewh.ieee.org/r10/delhi/lec.html from time to time for the announcement of lectures.

(*already held*)

On Feb 16, 2011 (*Wednesday*) at 11 AM a talk on "Nano-teaching in Education" by Dr. V. R. Singh, NPL, New Delhi at PDM College of Education, Bahadurgarh, Haryana (*organized by* IMS-EMBS Chapter)
On Feb 19, 2011 (*Saturday*) at 4 PM a talk on "New Thrust Areas in Engineering and Role of IEEE" by Dr. V. R. Singh, NPL, New Delhi at SBIT, Sonepat, Haryana (*organized by* IMS-EMBS Chapter)

IEEE Delhi section AGM on April 3, 2011 (Sunday) at 10 AM at IIC

NOTICE

Dear Members,

The AGM of IEEE Delhi Section is scheduled to be held at 10 AM on April 3, 2011 (Sunday) at India International Centre Annexe Auditorium (Lodhi Estate).
All the members are invited to attend the AGM with their spouses.
Please confirm your participation.

Part A: 10 AM to 11.30 AM

Agenda for AGM:
1. Welcome address by Section Chair
2. Confirmation of minutes of previous AGM (Annexure-I)
3. Secretary's Report
4. Finance Report by Treasurer
5. Election of 2011 Executive Committee (Annexure-II)
6. Distribution of prizes/awards

7. Any other item with the permission of Chair
8. Vote of thanks

B. Guest Lecture: 11.30 AM to 12.30 hrs by Dr B. Sengupta, Former Member Secretary, CPCB

C. LUNCH : 12.30 to 13.30

D. Meetings of individual Chapters: 13.30 to 14.30
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for and on behalf of IEEE Delhi Section
Subrata Mukhopadhyay
Electronic Communications Coordinator

Annexure-I

Minutes of Section AGM held on 31/01/2010

Time: 10:30 AM
Venue: Lecture Theatre 2, Block 6, IIT Delhi, New Delhi

1. Dr. VR Singh, Section Chair opened the meeting with a welcome note and his address focusing on main achievements of the year 2009.r
2. The Minutes of the last AGM held on 19th April 2009 were proposed accepted by Mr. M M S Puri and seconded by Mr. R K Asthana.
3. Mr. Daman Dev Sood, Section Secretary presented the Activity Report – this was proposed accepted by Dr. RG Gupta and seconded by Mr. V K Dutt.
4. Mr. P K Gupta, Section Treasurer presented the Financial Report – this was proposed accepted by Prof. Bhim Singh and seconded by Mr. Ravindra Joshi.
5. Dr. R G Gupta announced the Section Executive Committee for the year 2010 as

Sr.No. Position Name Organization
1. **Chairman** Dr .V. R. Singh Ex-NPL
2. **Ex. Vice Chairman** Prof. Bhim Singh IIT-Delhi
3. **Vice Chairperson** Prof. (Mrs.) Mini S. Thomas JMI Uni.
4. **Secretary** Mr. Daman Dev Sood Steria

(India) Ltd.

5. **Jt. Secretary** Dr. Prerna Gaur NSIT
6. **Treasurer** Mr. P. K. Gupta C-DOT
7. **Past Chairman** Dr. R. G. Gupta Min. of CIT
8 **Member** Dr R. G. S. Asthana Max HealthCare
9. **Member** Dr. Deepak Garg Thapar University
10. **Member** Ms. Sharbani Bhattacharya IEC-College of Engg. & Tech.
11. **Member** Mrs. Rachana Garg DTU
12 **Member** Prof. A. Q. Ansari JMI Uni.
13. **Member** Prof. Asok Bhattacharya DTU
14. **Member** Mr. Ravindra Joshi NDPL
15. **Member** Dr. Sukumar Mishra IIT Delhi
16. **Member** Dr. Govind, DIT Govt of India

IEEE Delhi Section Exec Com 2010 (present during AGM)

6. Amendment to Section Bye-laws (to incorporate HTC Standing Committee) was proposed accepted by Dr. S Mukhopadhyay and seconded by Prof. B P Singh.
7. Dr. R G S Asthana, Chair PR&C Standing Committee released the electronic version of BEACON – this is now available 24X7 at www.ieeebeacon.com.
8. The new Fellow members of the Section were recognized.
9. Various awards were distributed.
10. Any other item with the permission of the Chair:
   a. Dr. Mini S. Thomas talked about the facility allowing INR payment of IEEE dues and requesting people (whoever receives invitation) to participate in the pilot running currently. She also mentioned that the HQ had decided to open an office in India (targeted for the current year).
   b. Mr. R K Asthana talked about IEEE India Council and requested support for Dr. R G

Gupta as petition candidate for the position of Chair.
   c. Dr. V R Singh made a special mention of HQ Recognitions received by Dr. R G Gupta
   d. GINI project members ran a survey to take the activities forward.
11. Mr. Prabhjot S Sodhi, National Coordinator for the Global Environment Facility (GEF) United Nations Development Program (UNDP) Small Grants Programme (SGP) delivered the talk on "Education for Environmental Sustainability".
12. The meeting came to close with Vote of Thanks by Mr. Daman Dev Sood.
13. Various Chapters and Affinity Groups held their AGMs after lunch.

It is recorded with great pleasure that this was the best attended AGM in many years (134 members were present).
Daman Dev Sood
Secretary, IEEE Delhi Section
2 February 2010

Annexure-II

Slate for 2011 IEEE Delhi Section Executive Committee and notice concerning submission of petition

No. IEEE/Delhi-11/04
February 11, 2011 (Friday)

My dear Members of IEEE Delhi Section,

Quoting January 2011 edition of Section e-newsletter following is reproduced –
Section Standing Committee on Nomination, chaired by Dr Ram Gopal Gupta and having Mr Harbans L Bajaj, FIEEE, and Prof Suhash Dutta Roy, FIEEE as Members formed the following slate for 2011 IEEE Delhi Section Executive Committee (besides Past Chairperson) as reported in the Section Exec Com Meeting held at IIC, New Delhi on Dec 23, 2010.

Sr.No. Position Name Organization
1. Chairperson Prof . Siban K. Koul, IIT-Delhi
2. Exec Vice Chairperson Prof. Bhim Singh IIT-Delhi
3. Vice Chairperson Prof. Mini S. Thomas JMI Uni.

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4. Secretary Dr. Sukumar Mishra, IIT-Delhi
5. Jt. Secretary Mr. Piyush K. Gupta C-DOT
6. Treasurer Dr. Prerna Gaur NSIT
7. Past Chairperson Dr. V R Singh, ex-NPL
8 Member Mr. Daman Dev Sood
9. Member Mrs. Rachana Garg DTU
10. Member Mr. Ravindra Joshi NDPL
11. Member Prof. Abdul Q. Ansari JMI Uni.
12 Member Ms Shabana Urooj
13. Member Dr R. G. S. Asthana Max HealthCare
14. Member Prof M N Hoda
15. Member Mr Narendra Rajput
16. Member Mr. Ayush Jain

Now today, February 11, 2011, your attention is being drawn to the following Bylaws of the IEEE Delhi Section (http://ewh.ieee.org/r10/delhi/bylaw.html).

"Article-VI: Nomination and Election of Section Executive Committee
6.1 A nomination Committee consisting of three members other than present office bearers shall be appointed by the Section Executive Committee. Immediate past Chairperson of the Section (if available) failing which any past Chairperson shall be Committee Chairperson. The Nomination Committee shall not nominate any of its members as officer in the slate.
6.2 The nominations of the Nomination Committee will be announced to the Section Membership and, following this, a minimum of 28 days allowed for additional nominations by petition. To be valid, the petition must be signed by 25 or more voting members.
6.3 If only one nomination is made for each office, the election will be made at the Annual Meeting. If additional nominations are made, election will be made by ballot mailed to the voting membership and the vote counted by a Committee appointed by the Section Chairperson. Members other than Students shall be the voting members."

Based on above 28 days are being allowed (i.e., up to March 11, 2011) for the submission of additional nomination(s) by petition. Accordingly, Annual General Meeting would be scheduled and notified to you.

Thanking you and with regards,

Sincerely yours
Subrata

_____

Prof. (Dr.) Subrata Mukhopadhyay, valued IEEE Member for 42 years
(Lingaya's University, Faridabad, Delhi NCR, India)
IEEE TAB Conference Committee Member
Chair STDCOM on 'History' & ECC of IEEE Delhi Section
Chair Consultants Network Affinity Group
B-802 Appu Enclave CGHS Ltd
Plot No. 3D, Sector - 11, Dwarka Ph-I
New Delhi - 110 075, INDIA
Tel: 129-3064550 (W), Fax: 129-2202615 (W)
11-43098372, 28035802 (H), Mo: 9811477956

Notice for AGM of Consultants' Network Affinity Group

The AGM of IEEE Delhi Section Consultants' Network Affinity Group is scheduled to be held at 13:30 hours on April 3, 2011 (Sunday) at India International Centre Annexe Auditorium (Lodhi Estate), in the post-Lunch session.

SCOOP
(*extract from February 2011 issue*)

Call for Nominations: VP-MGA/MGA Board Chair, Vice Chairs, Treasurer, Committee Chairs

The MGA Nominations and Appointments (N&A) Committee is soliciting nominations for the 2012 VP-MGA/MGA Board Chair, 2012 MGA Treasurer, 2012 MGA Vice Chair, and 2012 MGA Committee Chair positions. To give the MGA N&A Committee an opportunity to prepare and distribute the slate of candidates, the deadline for these positions is 1 April.
In accordance with the IEEE globalization initiative and in an attempt to ensure that MGA is globally balanced, each Region is

requested to submit nominations. The Region nominating committee might consider members or past members who are familiar with Region affairs and gave excellent service. A complete list of available MGA positions, the MGA online nomination form, and information on the MGA Nominations and Appointments process are available. As a reminder, self-nominations are encouraged. An individual does not need to be nominated by a colleague in order to be considered.

Call for Nominations: MGA William W. Middleton Distinguished Service Award

Every three years, the MGA William W. Middleton Distinguished Service Award is presented to an individual, who over a long and sustained period of leadership, contributed in an exemplary manner to the IEEE Member and Geographic Activities (MGA) Board, its activities and achievements, and the attainment of its goals and objectives. Selection criteria, the nomination form, and more information on the MGA awards process are available. The deadline for nominations is 16 May.

Call for Nominations: 2012 IEEE Leadership Positions

IEEE is looking for people with the skills,

passion, and perspective to volunteer and serve in 2012 as IEEE officers or on committees of the IEEE Board of Directors. Visit the IEEE Nominations and Appointments Committee Web page to view the list of positions and to nominate yourself or a colleague.

- 1 March deadline: select Standing Committee Chairs and Women in Engineering Committee Student Member
- 1 July deadline: select Standing Committee Members, IEEE officers (Vice President Educational Activities; Vice President Publications Services & Products, IEEE Secretary, IEEE Treasurer, 2013 IEEE-President Elect)

Call for Nominations: IEEE Educational Activities Board Awards

The IEEE Educational Activities Board (EAB) is requesting your assistance in making the 2011 IEEE EAB Awards the most successful year ever. Presently, the IEEE EAB is seeking nominations for 2011 awards in the following categories:

- Meritorious Achievement Award in Accreditation Activities

- Meritorious Achievement Award in Continuing Education
- Meritorious Achievement Award in Informal Education
- Major Educational Innovation Award
- Pre-University Educator Award
- Meritorious Service Citation
- Standards Education Award
- Employer Professional Development Award
- Society/Council Professional Development Award
- Section Professional Development Award

The deadline for nominations is 30 April.

Last Call for Nominations: IEEE Fellows Class of 2012

Nominations for the IEEE Fellows Class of 2012 are being accepted until 1 March 2011. To nominate a colleague, co-worker, or friend whose career and body of work you consider eligible for elevation to the IEEE Fellow Grade, follow the Online Nomination Process. Refer to the left side navigation for more information and resources on the IEEE Fellows Program. Please reference the Before Submitting Your FellowNomination checklist. E-mail Fellows Staff with questions and/or concerns.

New Member Orientation Webinars

All new higher grade IEEE members are invited to participate in a New Member Orientation Webinar session designed to help members get the most out of their membership. These live Webinars, which include a 30 minute formal presentation followed by Q&A, provide an overview of IEEE membership and access instructions for members-only benefits and services. Topics include establishing a Web account, setting up a profile on memberNet, logging into myIEEE, networking opportunities, and much more.

Visit the Welcome to IEEE Web page to register for a New Member Orientation Webinar, typically held on the fourth Thursday of each month in 2011: 24 March, 28 April, 26 May, 23 June, 28 July, 25 August, 22 September, 27 October, 22 November, and 20 December. Webinars are held at both 9:00 AM ET and 3:00 PM ET on each day. Please e-mail Adrienne Hahn for more information.

Update on vTools.Meetings and vTools.Surveys

vTools.Meetings version 3.1.0 was released on 23 February 2011. vTools.Meetings is a tool for effective management of Section and Chapter meetings. The latest release introduces significant enhancements for the Credit Card Payment user interface and functionality. Additionally, vTools.Meetings

now only requires a valid [IEEE Web account](#) login for searching, creation, and viewing of L31 reports. A member with an IEEE Web account will be able to submit an L31 report for their organizational unit (OU). Editing and deleting can still only be done by an officer of the unit. This ensures that while the widest possible audience can submit reports for the OU, a record of who created the reports is kept, based on the login data. This change in authorization for L31 report submission will be closely monitored by the vTools team and adjusted as necessary.

vTools has also made a survey tool available to Region, Section, Chapter, and Affinity Group officers.[vTools.Surveys](#) can be used to quickly create online surveys using an intuitive interface and distribute them via e-mail, Web link, etc. Collected results can be easily analyzed, and graphical reports can be shared with others.

Please visit the [vTools blog](#) and subscribe to the RSS feed to receive timely updates on the latest vTools developments.

Understanding the IEEE Brand Section and Resources Added to Brand Identity Toolkit

An [Understanding the IEEE Brand section](#) containing two new reference documents has been added to the online IEEE Brand Identity Toolkit. The documents are designed to help communicate the importance of consistent use of the IEEE brand and the association's mission and vision. The [Understanding the IEEE Brand document](#) was developed to convey the importance of the strength and value of the IEEE brand and how IEEE staff, volunteers, and members can help to build and promote it.

The [IEEE corporate brochure](#) is also now available in PDF Format. It is designed to generate excitement about IEEE, bring pride to those already active with IEEE, and encourage others to get involved. It provides an inside look at world-changing activities that IEEE is a part of and how its members help advance technology for the benefit of humanity. E-mail [Corporate Communications](#) to request additional copies of the documents.

Conferences - Memorandum of Understanding - Recommendations and Reminders

To help ensure your conference's success, please consider the following recommendations and reminders concerning Memorandum of Understandings (MoUs):

- MoU templates: Before creating a MoU for an event, [download the latest template(s) from the IEEE](#)

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MoU Web page to ensure you are using the most recent version.

- Technical conferences: All conferences where IEEE is only involved as a Technical co-sponsor, and not financially involved, must submit a Technical MoU, which must be approved by IEEE Conference Services staff. Without an approved MoU, the conference will not be posted to IEEE Call for Papers or IEEE Conference Search page, and the IEEE Conference Publication department will not start the acquisition process. (This is based on a decision made by the IEEE Conferences Committee in Q4 2010.)
- If there are multiple IEEE Technical co-sponsors, you may use one Technical MoU to cover them. However, a statement describing how each IEEE Technical co-sponsor is directly and substantially involved in the Technical program is required.
- Multi-year MOUs: If you are planning to utilize a multi-year MoU, it is requested the length be no longer than 3-5 years. Additionally, during the period the multi-year MoU is in place, it

makes good business sense to review the MoU each year and see if it still meets the needs of the event. Please e-mail Conference Services with questions.

Engineering for Change Debuts with Launch of Online Platform

IEEE, ASME (American Society of Mechanical Engineers), and Engineers Without Borders USA have launched EngineeringforChange.org (E4C), an online platform that provides engineers, technologists, non-governmental organizations (NGOs), and local community advocates the tools to collaboratively address humanitarian and global development challenges. Members of the Engineering for Change community – working together – will design, apply, and share knowledge to develop technical solutions for humanitarian and global development challenges in local communities throughout the world.

The E4C Web site is designed to provide users with a convenient and diversified way to learn, collaborate, and share knowledge – leading to enhanced problem solving. As part of this growing community, E4C users will be able to:

- post challenges and problems to gain insight, perspectives, and experience from other E4C community members;
- work collaboratively and virtually on project teams;
- utilize a growing, open-source archive of catalogued solutions and related information submitted by organizations from around the world;
- keep updated with news and information related to the nexus of engineering and global development;
- learn from expert practitioners on applying engineering in developing communities;
- track projects of interest.

To learn more or get involved, visit the Engineering for Change Web site, Facebook page or Twitter feed.

IEEE Smart Grid Newsletter

The latest edition of the recently launched IEEE Smart Grid Newsletter is now available. This month's issue features articles by international experts on these important Smart Grid topics:

- Top-Level European Planning for Smart Grid by professor Ronnie Belmans of the Katholieke Universiteit Leuven in Belgium, where he teaches electric power and energy systems;
- Guaranteeing the Security of an Increasingly Stressed Grid by Massoud Amin, director of the Technological Leadership Institute, professor of electrical and computer engineering, and distinguished teaching professor in the College of Science and Engineering, University of Minnesota;
- Slicing and Dicing Smart Grid Data by Dr. Christos A. Polyzois, former Director of Technology Strategy at Honeywell Automation and Control Solutions, and independent consultant;
- South Korea and Illinois Join Forces to Advance Smart Grid by Melvin I. Olken, editor-in-chief of the IEEE Power & Energy Magazine and previous manager of electrical generation at American Electric Power Service Corp.

Register online for a subscription to read these articles in full.

IEEE GOLD to Host High Performance Computing Webinar

IEEE Graduates of the Last Decade (GOLD) invites IEEE members to attend an upcoming webinar:

- "High Performance Computing: Thinking Big!": Scientific computing often requires computation power beyond a single processor. Multiple processor systems are used in many applications today. The step from single and sequential scientific computing applications to multiple processor applications can be daunting. This webinar will address the issue of how scientific problems can be solved on supercomputers and will encourage big thoughts as it relates to moving scientific computing applications to a new level of computation and science. This event will be held on Tuesday, 22 March 2011, at 20:00 UTC. Register now.

Information about these Webinars and other future and archived Webinars can be found on the IEEE GOLD Webinars Web page.

Officer Training is available at the IEEE Center for Leadership Excellence.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE

(February 28, 2011)
Total: 2424

Affiliate	Active	17
Associate Member	Active	28
Fellow	Active	7
Graduate Student Member	Active	251
Honorary Member	Active	3
Life Fellow	Active	1
Life Member	Active	3
Life Senior	Active	12
Member	Active	518
Senior Member	Active	150
Student Member	Active	1434

IEEE

vol 11 no 03
March 2011

From the desk of ECC

My dear esteemed Members,

This is being issued with a request again for attending IEEE Delhi Section Annual General Meeting (AGM) scheduled at 10 am on April 03, 2011 (*Sunday*) at India International Center (Annexe), Max Mueller Marg, New Delhi. Further details are appearing elsewhere in this edition of e-newsletter. Please confirm your participation positively by March 30, 2011 at ieeedelhi@ieee.org to enable us to make proper arrangement.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
March 26, 2011 (*Saturday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Please look at the web-page with URL http://ewh.ieee.org/r10/delhi/lec.html from time to time for the announcement of lectures.

(*already held*)
On Mar 09, 2011 (*Wednesday*) at 2:30 pm Talk on 'Intellectual Property Awareness' by Mr Abhishek Malhotra, Advocate at Bharati School, IIT Delhi, New Delhi - 110016 (*organized by* MTT-S Delhi Chapter)

On Mar 18, 2011 (*Friday*) at 2:30 pm DLP Seminar on "Neurodynamic Optimization Approaches to Model Predictive Control" by Prof. Jun Wang, Director, Computational Intelligence Laboratory, Chinese University of Hong Kong in the Committee Room of the Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi – 110025 (*organized by* IEEE-CIS Delhi Chapter) Contact: Prof. A Q Ansari, Chairman, IEEE-CIS Delhi Chapter (aqansari@ieee.org)

IEEE Beacon [Delhi Section] March 2011 issue launched

Quoting Dr R G S Asthana, Chair, Standing Committee on 'Public Relations and Publication' of IEEE Delhi Section (r.asthana@computer.org), Beacon March 2011 issue is now available on Website (www.ieeebeacon.com). The site has archive of 2010 issue. Later to this may be added / linked archives of older issues of Beacon too, which are primarily available now from July 1999 to June 2006 at http://ewh.ieee.org/r10/delhi/news.html.

On Delhi Section Awards and Honors from Dr V R Singh

Many members have approached, by following the previous tradition, to finalize the awards / honors which can be planned to be disbursed during the forthcoming AGM on April 3, 2011:

1. Delhi Section Outstanding Volunteer Award (s)

Even self nominations are allowed by March 30, 2011, mainly from EC members. Please highlight your IEEE contributions.
2. Young Engineer Award (for 2008, 2009 and 2010)
Nominations may be sent before March 30, 2011 for a full member below 35 years of age having outstanding engineering/ technical contributions with at least two papers in SCI journals.
3. Honor to all past Chairs of IEEE Delhi Section
As planned in 2010 at the time of 125th anniversary, all the past chairs would be honored during AGM (may be with shawl and general gift, open for suggestions, if any, again by March 30, 2011).

With regards,
V. R. Singh
Chair- Fellow Nomination and Awards Committee and Chair-IEEE Delhi Section
(Email: vrsingh@ieee.org)
March 16, 2011

Schedule of AGMs of Section & its Chapters / Affinity Group so far

IEEE Delhi section AGM on April 3, 2011 (Sunday) from 10 AM to 11:30 AM at IIC, followed by Guest Lecture from 11:30 to 12:30 and lunch from 12:30 to 1:30 pm

AGM of IEEE-WIE Affinity group, Delhi section is scheduled on 3rd April at 1.00pm at India International Centre Annexe Auditorium (Lodhi Estate).

The Annual General Meeting 2011 of IEEE Consultants Affinity Group will be held on 3rd April, 2011 (Sunday) at 1330 Hours in IIC, after the Section AGM.

AGM of IMS/EMBS Chapter on April 3, 2011 at 1.30 PM after main AGM of Delhi Section at IIC Annexe Auditorium.

The Annual General Meeting (AGM) of IEEE CIS Delhi Chapter will be held on 10th April 2011 (Sunday) at 03.30 Hrs in the Office of the HOD, Department of Electrical

Engineering, Jamia Millia Islamia, New Delhi – 110025

Minutes of IEEE PES-IAS Delhi Chapter Annual General Meeting (Held on 27th Feb 2011)

The Annual General Meeting (AGM) of IEEE PES-IAS Delhi Chapter was held at 10-30 Hours on 27th Feb 2011 (Sunday) in the committee Room of the Department of Electrical Engg, IIT Delhi. It was attended by 14 members.

The minutes of the meeting are as follows:

1. Address by the Chapter Chairman

In his address, Prof. Bhim Singh, Chairman of IEEE PES-IAS Chapter, welcoming the members present in the AGM informed that the year 2010 had been an eventful year with as many as 36 activities.

2. Confirmation of minutes of the AGM held on February 7th 2010

Though there were no written comments, some verbal discussions took place and the general body resolved the following.

i.   The white paper given by Prof. S. S. Murthy on the award to be given to the best B.Tech project in the field of power accepted in principle. More deliberation would be carried out in the forthcoming Exec Com meeting.

ii. The detail about the "Best Volunteer Award" would be decided in the forthcoming Exec Com meeting.

The report was approved as proposed by Mr. Ravindra Joshi and seconded by Dr. Prerna Gaur.

3. Presentation of Activity by the Secretary

Dr. S. Mishra, Secretary, IEEE PES-IAS Delhi joint chapter presented the Secretary's report. He made a detailed presentation of the activities of the chapter during the year 2010. The outstanding Chapter Engineer was conferred upon Mr. Ravindra Joshi for 2010. PEDES-2010-POWER India conference was held successfully at Delhi in Dec-2010. The chapter received under PES Outstanding Chapter Awards as Large Chapter Runner Up for year 2010 .The report was approved as proposed by Mr. M.M.S.Puri and seconded by Dr. Rachana Garg.

4. Presentation of Financial Report by the Treasurer

In the absence of Dr. B. K. Panigrahi, Treasurer of the chapter, Prof. Bhim Singh, Chair of the chapter, presented the financial report. For year 2009, the financial report has to be corrected and for year 2010 it still has to be prepared. He assured the general body that he would send the report as soon as possible. The statement of accounts was accepted as proposed by Dr. R. Saha and seconded by Mr. M.M.S.Puri.

5. Election of Executive Committee for the year 2010

The Nomination Committee consisting of Dr S. Mukhopadhyay as Chairman, Prof. B. P. Singh and Dr. G. Bhubaneswari as members recommended the following slate of IEEE PES-IAS Delhi Chapter Executive Committee

for the year 2011.

1. Chairperson, Prof. Mini S. Thomas, JMI

2. Secretary, Dr. Rachana Garg, DTU

3. Treasurer, Dr. V.K.Chandna, JMI

4. Past-Chairman, Prof. Bhim Singh, IIT-D

5. Member , Dr. Sukumar Mishra, IIT-D

6. Member, Mr. Ravindra Joshi, NDPL

7. Member, (GOLD), Mr. S Jeevanand, IIT-D

8. Member, Mr. Prakash V. Ekande, Ex-NTPC

9. Member, Dr. Bharat Singh Rajpurohit, IIT-HP-Mandi

The slate was accepted as proposed by Dr. Prerana Gaur and seconded by Dr. G. Bhubneswari.

It was also suggested to co opt some members from the industry. Some names were also suggested - Dr. R.Saha, Dr. Sushil Agarwal .

6. Any other Item:

i.   A hearty congratulation was given to Prof. D.P. Kothari for becoming Fellow of IEEE.

ii.   Thomas Alva Edison memorial lecture to be arranged for the year 2011.

iii.   Membership drive to increase the members. It was suggested that each member will make at least 10 new members.

iv.   Industrial visits for the student members of various colleges. Mr. Ravindra Joshi suggested a visit to 1 MW solar plant of NDPL.

v.   Meetings to be conducted on Friday evenings so that outstation members can easily attend the meetings.

Meeting ended with a vote of thanks to the Chair.

Mini S. Thomas   Rachana Garg
(Chair)   (Secretary)

SCOOP
(*extract from March 2011 issue*)

IEEE Activities in the Aftermath of the Natural Disaster in Japan

IEEE President Moshe Kam recently sent a message to the IEEE Board of Directors providing information on what IEEE has done to address the disaster affecting 13,000 members and nine Sections in Japan. Below is a summary of the actions:

- Placed notices of sympathy and condolence on the IEEE.org Web site
- Sent communiqués to IEEE members in Japan
- Sent a separate communiqué to IEEE volunteers in Japan, asking for advice on how IEEE can be of assistance to their organizational units
- Worked with IEEE experts on nuclear energy and explored media opportunities to

disseminate correct and comprehensive information on the events in Japan

- Created a special section on the disaster in Japan in the [online version of IEEE Spectrum](#); this special section went live on Monday, 14 March

All IEEE members also were urged to support recovery and rebuilding efforts in Japan through reputable public charities. At this time, a separate IEEE fund-raising campaign is not planned.

IEEE Board of Directors Approves Five Priorities for 2011

At the 20-21 February IEEE Meeting Series, the IEEE Board of Directors approved five priorities for 2011:

- Ensure sustainable progress toward establishing IEEE's leadership in important new technical areas (including the Smart Grid and selected areas within Life Sciences)
- Develop and approve a plan to ensure that IEEE is at the forefront of digital publishing technology
- Develop and approve an IEEE Conference strategy – including

protection of the quality of IEEE publications

- Develop collaborative strategic alliances with other associations and publishers (including exploration of new joint membership agreements and incorporation of new publications in Xplore®)
- Ensure all members are engaged and find a professional home in IEEE; create a global strategic member development plan, particularly emphasizing practicing engineers/technologists and young professionals, especially where IEEE membership is declining

Reminder: 2010 Annual Reporting and Rebate Requirements - due 31 March

All Section officers and Chapter/Affinity Group Chairs have been contacted with a reminder that the following annual reports are required to be eligible for a rebate:

- [Meeting Report](#)
- [Officer Report](#)
  - If you have new officers within your Section or Chapter, please remember to update your unit Web pages as

appropriate. When publishing this information, please remember that you should never post an individual's IEEE member number.

- 2010 Financial Report (L50)
  - Additionally, units that maintain a local bank account (i.e., not an IEEE Concentration Bank Account) must also submit the Bank Account Disclosure Form.

Reports should be completed and submitted as soon as possible, but no later than 31 March 2011. Additional information on the 2011 Rebate Schedule is available. Please e-mail MGA Staff with questions.

Call for Nominations: MGA Board and Committee Leadership Positions - 1 April Deadline

The MGA Nominations and Appointments (N&A) Committee is soliciting nominations for the following 2012 leadership positions:

- VP-MGA/MGA Board Chair
- MGA Treasurer
- MGA Vice Chairs
- MGA Committee Chairs

Individuals from each IEEE Region are encouraged to submit nominations to help ensure that MGA is globally balanced. Self-nominations are encouraged.

The deadline to submit nominations is 1 April.

A complete list of available MGA positions, the MGA online nomination form, and information on the MGA Nominations and Appointments process are available.

Call for Nominations: MGA William W. Middleton Distinguished Service Award

Every three years, the MGA William W. Middleton Distinguished Service Award is presented to an individual, who over a long and sustained period of leadership, contributed in an exemplary manner to the IEEE Member and Geographic Activities (MGA) Board, its activities and achievements, and the attainment of its goals and objectives. Selection criteria, the nomination form, and more information on the MGA awards process are available. The deadline for nominations is 16 May.

Call for Nominations: IEEE Medals and Recognitions

Nominations are due 1 July 2011 for the 2012 IEEE Medals and Recognitions. IEEE Medals are the highest recognition within the IEEE awards hierarchy, with the

prestigious IEEE Medal of Honor as the premier award. IEEE Medals embrace broad and significant contributions within the technical fields of interest of IEEE.

IEEE Recognitions reward member's individual contributions to IEEE, published papers, and corporate advancements within the IEEE fields of interest.

Recipients are recognized at the formal IEEE Honors Ceremony. All IEEE members are encouraged to submit a nomination for a worthy candidate within their technical fields.

For more information, visit the IEEE Awards Web page or e-mail IEEE Awards Staff.

Nomination Process for IEEE Fellow Class of 2013 is Now Open - Online Only

The IEEE Fellow nomination period for the Class of 2013 is now open. This class will be the first where all the forms (nomination, reference, and endorsement) have to be submitted electronically. No hard copy forms will be accepted for any reason. This decision comes after using both hard copy and the online submission process for the past few years. The IEEE Fellow Committee and the IEEE Board of Directors have approved the total electronic process, which will enable IEEE not only to save money, but it will also help the environment by eliminating the use of paper. This modification of the nomination process will provide a quick and more efficient means of nominating that deserving colleague or co-worker to the IEEE Fellow grade.

The nomination for the Class of 2013 is open through 1 March 2012. The steps to become an IEEE Fellow, eligibility requirements, helpful hints to read before preparing the nomination form, and the nomination instructions can be found on the IEEE Fellow Web page.

IEEE Sections Congress 2011

IEEE Sections Congress 2011 (SC2011) will be held 19 - 22 August 2011, at the San Francisco Marriott Marquis, in San Francisco, California, USA. The primary audience for IEEE Sections Congress is IEEE members who are volunteering within the MGA structure (Region, Geographic Councils, Section, Subsection, Chapter, and Affinity Group), but volunteers from other IEEE units are encouraged to attend as well. Registration for SC2011 and time-specific Breakout Session and program details will be available in April 2011.

IEEE Offers Discounts for Online

Courses to IEEE Members

The IEEE eLearning Library, recently launched for organizational subscriptions, now also provides technical professionals and students with access to individual, fee-based short courses and conference workshops. Members of IEEE receive a further benefit of a members-only discount.

The IEEE eLearning Library is composed of over 200 short, online courses in many of today's core and emerging technologies from smart grid and biometrics to telecommunications and green engineering. Each course was developed and peer-reviewed by industry experts and awards continuing education units (CEU) or professional development hours (PDH) upon successful completion. IEEE eLearning Library is delivered via the IEEE Learning Management System (LMS).

Those who enroll for a course can choose between introductory, intermediate, and advanced levels of learning. The IEEE LMS can keep track of courses and progress. Courses range from one to three hours in length and include notes, a glossary of terms, and a post-test. Once each course is complete, members are able to print their continuing education certificates.

POCO 2011 Registration Now Open

Registration for the 6th annual Panel of Conference Organizers (POCO) has just opened. 2011 POCO will be held 21-23 July 2011 in Beijing, PRC; the first time in Region 10. POCO presents organizers, regardless of role or experience level, with an excellent opportunity to gain valuable knowledge about organizing international conferences, meet colleagues, and learn more about IEEE conference practices.

If you have questions, have a topic for discussion, or want to present some ideas, please e-mail Kevin Hanft.

Registration will be open through 15 June 2011, on a space available basis. Register now.

First IEEE Technology Time Machine - Symposium on Technologies Beyond 2020

The IEEE Technology Time Machine (TTM) Symposium will take place 1-3 June 2011, in Hong Kong. The symposium, sponsored by the IEEE Technical Activities Future Directions Committee (FDC), is a unique event for industry leaders, academics, and decision making government officials who direct R&D activities, plan research programs, or manage portfolios of research

activities.

This event is the first-ever organized IEEE TTM Symposium of future technologies and will cover, in a tutorial way, a selected set of potentially high-impact emerging technologies, their current state of maturity, and scenarios for the future. All the presentations in this symposium are given by invited world-leading experts. The event is structured to facilitate informal discussions among the participants and speakers. As the number of participants will be kept relatively small, the symposium provides an excellent opportunity for informal interaction between the attendees and senior business leaders and world-renowned innovators. At the end of the symposium, there is also the opportunity to visit some leading Hong Kong and Chinese research institutes and industries.

The IEEE TTM Symposium will be held in Asia's world city, Hong Kong. Hong Kong is a unique city, with a true mixture of eastern and western values, and combines the exotic with the convenience of a modern, thriving city. Hong Kong is often referred to as the gateway to China and Asia. Attending the IEEE TTM 2011 is therefore a perfect way to experience the region's unique technology and business activities, along with the fast growing vibrant economies,

and the excitement of China and Asia.

New Policy on IEEE Authors Posting Accepted Versions of Their Papers

The IEEE Intellectual Property Rights Office has announced that a revised IEEE Copyright Form is now available. It includes important policy changes approved by the IEEE Publication Services and Products Board (PSPB) in November 2010. In particular, Section 8.1.9 of the IEEE PSPB Operations Manual now more clearly defines which versions of authors' papers are available for their own reuse.

The changes bring IEEE policy up to date with current practices of other scientific and technical publishers. It now better clarifies authors' rights in regards to posting accepted papers on their personal Web sites and institutions' servers.

Links to the newly revised IEEE Copyright Form, a helpful FAQ on Authors Posting their Accepted Papers, and the full text from Section 8.1.9 of the PSPB Operations Manual are available on the Author Posting of IEEE Copyrighted Papers Online Web page.

IEEE Smart Grid Newsletter

The IEEE Smart Grid Newsletter has been

publishing for one quarter with the March issue. The newsletter continues to insightfully address issues vital to the global Smart Grid industry. As always, esteemed Smart Grid experts from around the world authored articles in the March issue, including exclusive content on:

- *Communications strategies for advanced metering infrastructures* by Bob Heile, chairman and founding member of ZigBee Alliance; chairman and founding member of IEEE 802.15 Working Group on Wireless Personal Area Networks; co-chair, P2030 Smart Grid Communications Task Force; founding member of IEEE 802.11.
- *Synergies between Convergent Technologies: Electric Vehicles and Smart Grid*, by Dr. Russell Lefevre, IEEE Fellow; Chair of IEEE Steering Committee on Electric Vehicles; Adjunct Professor of Physics and Electrical Engineering at University of North Dakota.
- *Smart Grid interconnectivity standards roadmap* by Dr. W. Charlton Adams Jr., 2009-2010 President of IEEE Standards Association, chair of IEEE-SA Board of Governors, first Chair of IEEE-SA Corporate Advisory Group. Over 40 years with IBM, focusing on standards management, intellectual property coordination, and global open source software policy management.
- *Improving Smart Grid collaboration and cooperation* by David L. Bassett, Senior Member of IEEE, IEEE Standards Board member, Senior Staff Engineer/Scientist at PPL Electric Utilities. Vice chairman of IEEE 1547.2 application guide for IEEE 1547 series of standards and guides; active participation in IEEE 1547.4 Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems Working Group and all other IEEE 1547 standards.

[Subscribe to and access the January, February, and March issues](#) at no cost. The newsletter may also be accessed by [RSS feed](#).

Officer Training is available at the [IEEE Center for Leadership Excellence](#).

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(March 25, 2011)

Total: 2640

Affiliate	Active	18
Associate Member	Active	32
Fellow	Active	8
Graduate Student Member	Active	285
Honorary Member	Active	3
Life Fellow	Active	1
Life Member	Active	3
Life Senior	Active	12
Member	Active	580
Senior Member	Active	154
Student Member	Active	1544

◆IEEE

vol 11 no 04
April 2011

From the desk of ECC

My dear esteemed Members,

Here goes this month's e-newsletter with usual features plus minutes of Annual General Meeting of Section and that of some Society Chapter(s) / Affinity Group(s).

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
April 23, 2011 (*Saturday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings

for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

Invitation For IEEE Delhi Section XIIIth Quarterly Meet

Dear Students and Branch Counselors,

It's an opportunity to all of you to attend 13th IEEE Delhi Section Quarterly meet at Graphic Era University , Dehradun. Quarterly meets are organized for exchage of new ideas, networking among the branches and to know the branch functioning. Hope you will not miss this opportunity.

Sincerely Yours
With Best Regards
Dr.Prerna Gaur
Netaji Subhas Institute of Technology
Apr 22, 2011

Senior member IEEE,
Treasurer, IEEE Delhi Section
Secretary, IEEE PELS-IES Delhi Chapter
SAC-IEEE Delhi Section{Chair, Standing Com.-Students & Educational activity}
Secretary,WIE, IEEE Delhi Section
Branch Counselor,
NSIT Students Branch, Branch Code: 2534811

----- Forwarded Message ----
From: KUMAR GOVIND <kmrgovind@gmail.com>
To: vrsingh@ieee.org; renuvig@pu.ac.in; prernagaur@yahoo.com; shailbala.jain@gmail.com; mini@ieee.org; bh_asok@ieee.org;soniasharmam@gmail.com; k_tahiliani@yahoo.com; k.sharma21@gmail.com; info@skit.ac.in; neelam_sr@yahoo.com; tvvijaykumar@hotmail.com;sumanmann2007@gmail.com; mittal_ashok2000@yahoo.com; astrophyscist@gmail.com; meenu.khurana@chitkara.edu.in
Sent: Fri, April 22, 2011 12:46:39 AM
Subject: Re: Invitation For IEEE Delhi Section XIIIth Quarterly Meet

Dear Registrant,

Thank you so much for expressing interest in 13th IEEE Delhi Section Quarterly meet at Graphic Era University, Dehradun! We have accepted your registration form. We will provide accommodation according to your need(free of cost) starting from 22nd April,2011 to 24th April,2011.

Please note that you have to bring following things:

1. COLLEGE I-CARD

2. IEEE MEMBERSHIP PROOF

3. PASSPORT SIZE PHOTO GRAPH

Our volunteers will go to receive you from ISBT Dehradun Bus Stop/ Dehradun Railway station. Please contact for any query related to accommodation and Transport Director (Accommodation & Transport Division):

1. Kapil Bhardwaj (+91-9997817002)

2. Ankit Singh (+919557832594)

Looking forward for your enthusiastic participation!

Thanking You
With Regards
Kumar Govind
Founder Chairperson
IEEE GEU
+91-8126644876
kmrgovind@ieee.org

IEEE Student Branch activity report is due before 1st May

Dear Students and Branch Counselors,

In order to get financial grant regularly from Head quarters and Delhi Section, every branch has to report the activities held in the branch in previous year. Now this report has to be uploaded using V-tools at the following link. Kindly send the same on or before 1st May'2011.

Sincerely Yours
With Best Regards
Dr.Prerna Gaur
Netaji Subhas Institute of Technology

Minutes of AGM of IEEE Delhi Section held on April 3, 2011

Time: 10:30 pm
Venue: India International Centre Annexe Auditorium (Lodhi Estate)

1. Dr V.R. Singh, Chair-IEEE Section welcomed the members and opened the meeting. He delivered his address and highlighted the main achievements of the Section during 2010. The membership has grown to over 3500, Many conferences/Seminars and technical activities (134 in number) have been organized. A dozen of new student branches have been launched while 5-6 petitions are under consideration. One Member, Prof. D. P. Kothari, has been elevated to Fellow grade membership. .He congratulated the members who have been elected in IEEE H/Q and r 10 positions as well as who have received honors and awards. He appreciated the sincere efforts of the EC Members, specially Vice Chairs, Secretary and Treasurer, and student chairs of SBs and Chairs of Chapters and Standing Committees.

2. The Minutes of the last AGM held on 31st January, 2010 were presented and approved (proposed by Mr. M. M. S. Puri and seconded by Col. Rakesh Sharma).

3. In the absence of Mr. Daman Dev Sood, Secretary of the Section (due to being out of station), the Joint Secretary, Dr. Prerna Gaur, read the Secretary's report, which was approved by AGM (proposed by Mr. V. K. Gupta and seconded by Mr. M. M. S. Puri).

4. The treasurer of the Section, Mr. P. K. Gupta, presented the accounts for 2010. The following observations were made:
   i) The annual payment to Societies, Affinity Groups and Students' Branches should be made, in

time to enable them to undertake technical activities during the year, bu of course after getting the previous reports.

ii) Details of payment received for societies should be shown society-wise.

iii) There should be no 'Negative Balance' in the report and in L-50 form.

iv) Break up of travel expenses by chair, Gold chair, etc should be shown separately.

v) 'Profit' word should be changed to 'surplus'.

vi) Fund generated by chapters like CS chapter should be shown clearly so that the amount can be released to them in future for technical activities.

vii) Rebate to chapters may be shown clearly.

viii) The report may be audited again by the internal auditor as well as by external auditor, if possible.

ix) The treasurer may revise the details of accounts and may submit within 20 days.

5. Dr. B Sengupta, Former Member Secretary, CPCB, Ministry of Forest and Environment, Govt of India, was the chief guest, who delivered a talk on "Current Environmental Issues and Possible Technological Solutions", Prof. Bhim Singh chaired the Session. He was then felicitated by Mr H. L. Bajaj, Prof. Bhim Singh and Dr. V. R. Singh, on behalf of IEEE Delhi Section.

6. All the past Chairs of IEEE Delhi Section were felicitated/ honored in the AGM by presenting a shawl and a certificate of appreciation for their contributions.

7. Electronic version of BEACON, prepared by PR & C Standing Committee chaired by Dr. R. G. S. Asthana, was released by the Chair-Delhi Section, along with Dr. S.

Mukhopadhyay. The text is available in table 24X7 at www.ieeebeacon.com.

8. Dr. R. G. Gupta, Chair, Nomination Committee (with Members, Prof. S.C.Dutta Roy and Mr H. L. Bajaj) announced the slate for Section Executive Committee for the year 2011 as follows:

Sr. No. Position Name Organization
1. **Chairperson** Prof. Siban K. Koul, IIT-Delhi
2. **Exec Vice Chairperson** Prof. Bhim Singh, IIT-Delhi
3. **Vice Chairperson** Prof. Mini S. Thomas, JMI Uni.
4. **Secretary** Dr. Sukumar Mishra, IIT-Delhi
5. **Jt. Secretary** Mr. Piyush K. Gupta, C-DOT
6. **Treasurer** Dr. Prerna Gaur, NSIT
7. **Past Chairperson** Dr. V. R. Singh, Ex-NPL
8. **Member** Mr. Daman Dev Sood, C & R
9. **Member** Dr. Rachana Garg, DTU
10. **Member** Mr. Ravindra Joshi, NDPL
11. **Member** Prof. Abdul Q. Ansari, JMI Uni.
12 **Member** Ms. Shabana Urooj, Galgotia
13. **Member** Dr. R. G. S. Asthana, Max HealthCare
14. **Member** Prof. M. N. Hoda, BVICAM
15. **Member** Mr. Nitendra Rajput, IBM
16. **Member** Mr. Ayush Jain, Grail Research

9. The prizes and awards were distributed to student volunteers, branch counsellors, EC members, Chairs of Standing Committees and Chairs of Society Chapters for the outstanding contributions / services to IEEE.

10. The medal received by Mr. M. M. S. Puri from IEEE HQ. in recognition of his life membership, was applauded..

11. The Joint Secretary, Dr. Prerna Gaur, proposed a 'vote of thanks' and the

meeting ended with the thanks to the Chair.

The attendance showed that 117 members (Members=55, Student Members=55 and invitees=7) attended AGM.

12. Various Chapters and Affinity Groups held their AGMs after Lunch.

Dr. Subrata Mukhopadhyay
ECFC, IEEE Delhi Section
April 18, 2011

Minutes of AGM of Consultants Network Affinity Group of IEEE Delhi Section

The Annual General Meeting (AGM) was held at IIC, New Delhi, at 1400 Hours on April 03, 2011 (Sunday) in presence of the following Members of IEEE Delhi Section:

1. Dr Subrata Mukhopadhyay
2. Dr Bhim Singh
3. Mr Ravi K Aggarwal
4. Mr Man Mohan S Puri
5. Dr V.R. Singh
6. Dr. K. Subramanian
7. Mr. P.V. Ekande
8. Dr. Sukumar Mishra
9. Mr. H.L. Bajaj

The following points were discussed / resolved:
I. Chairperson Dr. Mukhopadhyay welcomed the members present and initiated the meeting as per items on agenda ad seriatim.
II. Minutes of last AGM held on January 31, 2010 were confirmed as proposed by Dr Bhim Singh and seconded by Mr. Man Mohan S Puri.
III. New Exec Com of the Affinity Group for the year 2011 was constituted with the following in position:

1. Dr Subrata Mukhopadhyay (Lingaya's University) – Chairperson
2. Mr. Ravi K Aggarwal (Doosan) – Secretary-cum-Treasurer

3. Dr K Subramanian (IGNOU) – Member
4. Mr. Man Mohan S Puri (ex-Desein) – Member
5. Dr Bhim Singh (IITD) – Member
6. Mr. Daman Dev Sood (Steria) – Member
7. Dr. Sukumar Mishra (IITD)- Member

IV. For the calendar year 2010, it was decided to carry out a number of round-table discussions and a major Conference.

Tentative topics are as given below:

1. Green Power
2. Engineering Education in Development
3. Green IT – E-waste
4. Mega Power Projects
5. Sustainability
6. Disaster Management – BS 25999

V. The meeting concluded with Vote of Thanks proposed by Ravi K. Aggarwal, Secretary-cum-Treasurer.

Ravi K. Aggarwal
Secretary-cum-Treasurer,
Consultants Network Affinity Group
IEEE Delhi Section
April 08, 2011

Minutes of the AGM of WIE affinity group, Delhi Section held on 3-Apr-2011

An AGM of WIE affinity group, Delhi Section was held on 3rd April 2011 at 1.00 pm at IIC, Delhi. Following members were present:

1. Dr. Rachana Garg
2. Dr. Prerna Gaur

The following new slate has been discussed and approved unanimously.

1. Dr. Rachana Garg, Chairperson
2. Dr. Prerna Gaur, Secretary
3. Ms. Rajeshwari Pandey, Treasurer

4. Prof. Mini S. Thomas, Member
5. Ms. S. Indu, Member
6. Dr. Neeta Pandey, Member
7. Ms. Mehwish Khan, Student Member
The meeting came to an end with vote of thanks to the chair.

Dr. Rachana Garg,
Chairperson,
WIE affinity group, Delhi Section
April 14, 2011

SCOOP

(*extract from April 2011 issue as received on 21st*)

IEEE Sections Congress 2011 Registration Open

IEEE Sections Congress 2011 (SC2011) will be held 19 - 22 August 2011, at the San Francisco Marriott Marquis, in San Francisco, California, USA. The primary audience for IEEE Sections Congress is IEEE members who are volunteering within the MGA structure (Region, Geographic Councils, Section, Subsection, Chapter, and Affinity Group), but volunteers from other IEEE units are encouraged to attend as well. Registration for SC2011 is now open. Information on time-specific breakout sessions, program details, and travel logistics is also available.

Thank you for Submitting Officer, Meeting, and Financial Reports

We would like to thank everyone for submitting their officer, meeting, and financial reports to IEEE in a timely manner.

The reports are being reviewed, and we will begin distributing rebates to the geographic units by the end of April 2011, to those Sections whose officer, financial, and meeting activity reporting was received complete and subsequently approved.

As a reminder, the rebate is paid to the Section. The funds provided are intended for the support of not only the Section's activities, but also the activities of its subunits, including Subsections, Chapters, Affinity Groups, and IEEE Student organizations. Section officers are encouraged to use rebate funds to support the activities of existing units and to form new units. For questions regarding officer reporting, please e-mail MGA Staff.

Call for Nominations: MGA William W. Middleton Distinguished Service Award: Deadline 15 May

Every three years, the MGA William W. Middleton Distinguished Service Award is presented to an individual, who over a long and sustained period of leadership, contributed in an exemplary manner to the IEEE Member and Geographic Activities (MGA) Board, its activities and achievements, and the attainment of its goals and objectives. Selection criteria, the nomination form, and more information on

the MGA awards process are available. The deadline for nominations is 16 May. Nominate a colleague now.

Call for Grant Applications: IEEE Foundation/IEEE Life Members Fund: Deadline 22 April

The IEEE Foundation and the IEEE Life Members Fund accept grant applications from charitable organizations, for new and innovative projects, in January, April, and September. The next deadline for grant applications is 22 April. Please review the guidelines and submit your grant application using the online form. Projects should be focused in these particular areas of interest:

- Using technology for humanitarian causes;
- Improving math, science, and technology education from pre-college through continuing education;
- Introducing pre-college students to engineering and science;
- Supporting professional development and conference participation for university students;
- Preserving and promoting the history of IEEE associated technologies;

- Recognizing major contributions to IEEE associated technologies.

Last Call for Nominations: IEEE EAB Positions: Deadline 22 April

The IEEE Educational Activities Board (EAB) Nominations and Appointments (N&A) Committee is accepting recommendations for the position of 2012 Vice President IEEE Educational Activities (VP-EA), 2012 IEEE-HKN President, and 2012 IEEE-HKN Vice President. The expected duties for the VP-EA position are described in the IEEE EAB Operations Manual. Please e-mail your recommended candidate to EAB staff by Friday, 22 April. At that time, EAB N&A will contact each candidate to confirm willingness to serve and request required documentation.

IEEE Technology Navigator (TechNav) Beta Released

IEEE recently released a beta version of the IEEE Technology Navigator (TechNav) that provides an integrated way to locate IEEE technical resources. Users can select a technical concept or "tag," and TechNav displays IEEE content and events (e.g., conferences, publications, standards, published articles). "Tags" are mapped to IEEE Societies and industry sectors, permitting navigation from two different

spaces.

In addition to content contained in the IEEE Xplore database, TechNav also includes information such as upcoming conferences and yet unpublished standards. Later this year, IEEE educational products and other IEEE technical resources will also be added.

TechNav is useful in discovering gaps in current research and intersections between disciplines or topics previously considered independent and/or unrelated. It can also point out opportunities for collaboration in emerging and growing areas. Feedback is encouraged through the tool or via e-mail.

IEEE Publication Services and Products Board (PSPB) Newsletter

The IEEE Publication Services and Products Board (PSPB) Quarterly Newsletter was created to provide updates on progress being made in the IEEE Publishing program. This issue's headlines include:

- Pilot program launched to offer the next generation of IEEE articles;
- IEEE wins four Neal Awards for IEEE Spectrum and IEEE.tv;
- Thoughts and prayers for Japan.

IEEE Smart Grid Newsletter

The fourth issue of the IEEE Smart Grid Newsletter, which claims a consistently growing subscriber list and an open rate nearly double the industry standard, includes content on:

- Measurement uncertainties in Smart Grid, co-authored by:
  o Mihaela Albu, vice president membership and development of IEEE Instrumentation and Measurement Society, vice chair of IEEE Power & Energy Society, Romania Chapter, and professor of Electrical Engineering with "Politehnica" University of Bucharest;
  o Alessandro Ferrero, IEEE fellow, junior past president of IEEE Instrumentation and Measurement Society, and full professor of electrical and electronic measurements at Politecnico di Milano;
  o Lorenzo Peretto, senior member of IEEE I&M Society and Associate Professor of Electrical and

Electronic Measurements at the University of Bologna, Italy;

- Addressing the unprecedented cross-collaboration of the power, communications, and IT worlds in standards development, by Dick DeBlasio, chair of the IEEE P2030 Working Group and chief engineer with the National Renewable Energy Laboratory;
- Exploring the initiative of combining three regional grids into one US-wide grid, by Shirley Siluk, research director at Greenbang.com, a Smart Grid analyst firm providing insight into government legislation, industry standards, new products and services, trends, and markets;
- Writing on grid islands and renewable energy in the campus and research environment, by David Wagman, Chief Editor, Renewable Energy World North America magazine.

Subscribe to and access the April and previous issues at no cost. The newsletter may also be accessed by RSS feed.

IEEE GOLD to Host High Performance Computing Webinar

IEEE Graduates of the Last Decade (GOLD) invites IEEE members to attend an upcoming webinar:

- "High Performance Computing: Thinking Big!": Scientific computing often requires computation power beyond a single processor. Multiple processor systems are used in many applications today. The step from single and sequential scientific computing applications to multiple processor applications can be daunting. This webinar will address the issue of how scientific problems can be solved on supercomputers and will encourage big thoughts as it relates to moving scientific computing applications to a new level of computation and science. This event will be held on Tuesday, 26 April 2011, at 10:00 AM EDT (-4 UTC). Register now.

Information about this Webinar and other future and archived Webinars can be found on the IEEE GOLD Webinars Web page.

Officer Training is available at the IEEE Center for Leadership Excellence.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(April 23, 2011)

Total: 3068

Affiliate	Active	19
Associate Member	Active	34
Fellow	Active	8
Graduate Student Member	Active	310
Honorary Member	Active	3
Life Fellow	Active	1
Life Member	Active	3
Life Senior	Active	12
Member	Active	639
Senior Member	Active	158
Student Member	Active	1881

IEEE

vol 11 no 05
May 2011

From the desk of ECC

My dear esteemed Members,

Here goes this month's e-newsletter with usual features including strength of membership.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
May 31, 2011 (*Tuesday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi

Section and its Society Chapters / Affinity Groups.

Global losses due to s/w piracy is $59 bn in 2010
India sold pirated s/w worth $2.7 bn in 2010
A study by BSA finds that users value legitimate software, but lack awareness around what constitutes legal software and security risks from piracy

Thursday, May 12, 2011

NEW DELHI, INDIA: With rising awareness of the problems of software piracy, India witnessed a slight drop in the use of pirated software in 2010, said a study on Thursday.

According to the findings of the 8th Annual IDC-Business Software Alliance (BSA) 2010 Global Software Piracy Study, India witnessed a single percentage drop in piracy rate for PC software in 2010 down to 64 per cent, as compared to 2009. However, this rate is slightly higher than the Asia Pacific rate of 60 per cent, it said.

With that rate, the commercial value of unlicensed software installed on personal computers in India touched $2.739 billion in 2010, whereas the global losses stood at $58.8 billion, said BSA.

India's piracy rate has dropped 10 p.c since 2004

In total, India's piracy rate has dropped 10 per cent since 2004, where it stood at 74 per cent, and thus, a continuous drop but a very slow one, the study added.

BSA said businesses and consumers around the world bought $95 billion worth of legal personal computer (PC) software in 2010.

The study observed that governments face an urgent need to drive down software piracy levels in order to harness the economic benefits of a domestic genuine and legal software product eco-system and respect for Intellectual Property Rights.

"These findings show that there has been a gradual progress in reducing the software piracy rate in India, but what is needed is a speedier drop as India's PC market grows in size," said Keshav S Dhakad, Chair - BSA India.

"The further we reduce software piracy and grow the legitimate software product market, the greater the benefits to the Indian economy in terms of added new jobs, increase in Government's legitimate tax collections, contribution to GDP, respect for intellectual property, growth of the domestic IT product industry and PC/IT security to the nation as a whole," he said.

India requires an accelerated and focused programmes

According to him, "Although government and industry must be commended for the efforts that are underway to tackle this menace, India requires an accelerated and focused programmes and initiatives to educate PC users and companies on the benefits of legal and licensed software and how it causes economic losses to the local industry and creates serious cyber security vulnerabilities."

Major gap between PC shipments and paid software licenses

The study also indicates that while the number of PCs shipped to emerging economies like India in 2010 accounted to more than 50 per cent of the world total, paid software licenses accounted for less than 20 per cent of global sales in 2010.

This Piracy Study, conducted by BSA in partnership with IDC, also includes a new dimension this time: a public-opinion survey of PC users on key social attitudes and behaviors related to software piracy, conducted by Ipsos Public Affairs.

BSA said the opinion survey found strong support for intellectual property rights especially in developing economies to promote more technology advances. Majority of the respondents from developing markets say inventors should be rewarded and intellectual property development benefits the local economy.

Also read: The story of Indias computer piracy hub

The survey also found widespread recognition that licensed software is better than pirated software, because it is understood to be more secure and more reliable.

"Software Piracy has broader implications which transcends beyond the realm of software industry and it impacts the health of nation's economy, Business risks for industry, opportunity losses for small business/service firms/ consumers, reduces government tax revenues,"said Anjan Das, executive director – technology, Confederation of Indian Industry (CII).

The study said that half of the 116 geographies studied in 2010 had piracy rates of 62 per cent or higher, with the global average piracy rate at 42 per cent.

Emerging economies driving force behind piracy

Emerging economies have become a driving force behind PC software piracy. Piracy rates in the developing world are 2.5 times higher than those in the developed world, and the commercial value of pirated software ($31.9 billion) accounts for more than half of the world total, it added.

"Today's study shows that while piracy continues to threaten the global economy, people clearly understand and appreciate the value of intellectual property, especially its role in driving economic growth," said Robert Holleyman, BSA president and CEO.

He said software theft continues to stifle IT innovation, job creation, and economic

growth around the world.

Source: Cybermedia

Brought to you by: Daman Dev Sood, Chair CS Chapter, IEEE Delhi Section
May 15, 2011

SCOOP

(*extract from May 2011 issue as received on 27th*)

! IEEE Sections Congress 2011 Registration Open

IEEE Sections Congress 2011 (SC2011) will be held 19 - 22 August 2011, at the San Francisco Marriott Marquis, in San Francisco, California, USA. The primary audience for IEEE Sections Congress is IEEE members who are volunteering within the MGA structure (Region, Geographic Councils, Section, Subsection, Chapter, and Affinity Group), but volunteers from other IEEE units are encouraged to attend as well. Registration for SC2011 is now open. Information on time-specific breakout sessions, program details, and travel logistics is also available.

Call for Nominations: 2012 IEEE Leadership Positions

IEEE is looking for people with the skills, passion, and perspective to volunteer and serve in 2012 as IEEE officers or on committees of the IEEE Board of Directors. Visit the IEEE Nominations and Appointments Committee Web page to view

the list of positions and to nominate yourself or a colleague.

- 1 July deadline: select Standing Committee Members, IEEE officers (Vice President Educational Activities; Vice President Publications Services & Products, IEEE Secretary, IEEE Treasurer, 2013 IEEE-President Elect)

IEEE Meeting & Conference Management - MCM

Did you know that IEEE Meetings & Conferences (M&C) has experienced and knowledgeable meeting professionals on staff, ready to assist you when planning a conference? As part of the support resources provided to conference organizers by IEEE, a team of skilled and professional, fee based event planners is available to you - MCM (Meeting & Conference Management). They can help you plan your event by providing subject matter expertise in areas such as:

- credit card processing to ensure you meet PCI Compliance standards;
- supplier contracting best practices;
- food and beverage planning tips;
- plus, virtually any other areas you might need guidance or support;

MCM can also function as part of your planning team, providing as much or as little as you need. Reach out to in-house experts to answer any questions you may have when planning your event. MCM is not just another service provider; they are IEEE experts in the field, ready and available to offer you assistance when needed.

Register Now for the Annual Panel of Conference Organizers (POCO)

It is less than two months before the 2011 IEEE Panel of Conference Organizers (POCO), and available attendee spaces are limited. Anyone with an interest or expertise in organizing an IEEE conference is invited to participate: to learn about running a conference, share your conference knowledge, network and collaborate with peers, or see firsthand the opportunities and potential for IEEE conferences in China. POCO will be held in Beijing, People's Republic of China, 21-23 July 2011. The registration deadline is 15 June.

IEEE Most-cited Publisher in New Patents

IEEE remains the most-cited publisher in new patents, according to the 2011 report by 1790 Analytics LLC. The report examines patents filed with the U.S. Patent Office between 1997 and 2010

by the year's 25 top patenting organizations. The report revealed that IEEE journals and conference proceedings received more than 127,000 patent citations -- nearly three times the number of citations of any other publisher.

The current study shows that references to IEEE papers in patents have increased 515 percent since 1997, and that patents that reference IEEE are in turn cited more often by subsequent patents than those that do not reference IEEE.

IEEE Solutionists Program Highlights IEEE Members' Contributions to Advancing Technology

IEEE has launched the IEEE Solutionists program which highlights how IEEE members are representative of tomorrow's Solutionist: identifying problems and solving them with technical innovations and solutions that make a difference and benefit humanity.

To introduce the program, the IEEE Public Visibility Committee created a new microsite, IEEE Solutionists, featuring global thought leader perspectives on engineering and technology. The site includes a series of articles from IEEE Fellows representing a wide range of technical disciplines and a

video titled "IEEE Solutionists -- Engineers Inspiring a New Generation of What If," which shows how engineers are crossing multiple disciplines and industries to apply computing, technology, math, and science to solve complex world problems. Read the full news release and view/share the video. You can also suggest participants for the IEEE Solutionist social media program via e-mail.

IEEE Smart Grid Newsletter

The IEEE Smart Grid Newsletter features real-world knowledge by today's leading Smart Grid innovators and practitioners. Contributing authors for the May issue include:

- Marcus Torchia, research manager of intelligent grid strategies at IDC Energy Insights. Mr. Torchia has 15 years of experience helping utility end-users, technology vendors, and service providers optimize technology and business planning decisions for intelligent grid initiatives. His experience informs his article, Network Interoperability is Key to Success;
- Co-authoring, Why Building Smart Grid Will be a Long-Term Project:
  - George W. Arnold, national coordinator for Smart Grid interoperability at the National Institute of Standards and Technology. Arnold has served as president of the IEEE Standards Association.
  - Wanda K. Reder is chair of IEEE Smart Grid, immediate past-president for IEEE Power & Energy Society (PES), and has served on the IEEE PES Governing Board since 2002. Ms. Reder is also a member of Energy Secretary Steven Chu's Electricity Advisory Committee, and vice president of the Power Systems Services Division at S&C Electric Company.
- Clark W. Gellings, a fellow at the Electric Power Research Institute (EPRI), reports on EPRI's new report in March that ups estimates of Smart Grid's investment benefits. Gellings is a Life Fellow of IEEE.
- Jean-Philippe Faure, chairman of the IEEE 1901 Working Group, discusses how the ratification of

the IEEE standard for delivery of broadband communications over power lines stands to trigger higher-volume production of a host of suitable low-cost appliances and networking systems. Mr. Faure is a member of both IEEE Standards Association (IEEE-SA) Standards Board and IEEE Communications Society Standards Board and an IEEE-SA representative to the NIST Smart Grid Interoperability Panel.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(May 31, 2011)
Total: 3323

Affiliate	Active	21
Associate Member	Active	38
Fellow	Active	6
Graduate Student Member	Active	325
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	3
Life Senior	Active	12
Member	Active	736
Senior Member	Active	162
Student Member	Active	2014

◆IEEE

vol 11 no 06
June 2011

From the desk of ECC

My dear esteemed Members,

Here goes this month's e-newsletter with usual features including strength of membership.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
June 29, 2011 (*Wednesday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

SCOOP
(*extract from June 2011 issue as received on 20th*)

IEEE Sections Congress 2011 Registration Open

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are encouraged to attend as well. Registration for SC2011 is now open. Information on time-specific breakout sessions, program details, and travel logistics is also available.

Call for Nominations: 2012 IEEE Leadership Positions - Deadline 1 July

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- 1 July deadline: select Standing Committee Members, IEEE officers (Vice President Educational Activities; Vice President Publications Services & Products, IEEE Secretary, IEEE Treasurer, 2013 IEEE-President Elect)

Judges Needed for IEEEXtreme Competition by 1 July

IEEE is looking for volunteers to be judges at the annual computer programming student competition, IEEEXtreme, scheduled for 22 October 2011. If you're interested in

being a judge, act fast because the deadline to apply is 1 July. Student Members are not eligible to be judges, but all higher-grade members, including Members and Graduate Student Members, may apply. E-mail the IEEEXtreme team for more information or to volunteer.

IEEE Life Members Newsletter Available on the Web

The June 2011 edition of the IEEE Life Members Newsletter has been mailed. To ensure that IEEE Life Members (LM) worldwide receive the LM Newsletter as soon as it is available, it has also been posted to the IEEE Life Members Newsletter Web page. The IEEE Life Members Committee is continuing to look at the LM Newsletter distribution process and will be discussing future enhancements to the electronic version. Please e-mail LM Newsletter with any questions or comments.

Stay Connected to IEEE with the New Official Facebook Page

IEEE recently expanded its social media presence with the creation of the IEEE official Facebook page. This joins many existing IEEE Facebook pages and groups and is designed to serve as the hub of all social media activities on Facebook.

To provide easy access to the official IEEE Facebook page and other social media sites, a set of icons now appears on the top of every IEEE.org page. Simply click on the different social media icons (Facebook, Twitter, LinkedIn, and YouTube) to connect to IEEE's corresponding social media pages. These icons are designed to encourage collaboration and dialogue on IEEE fields of interest across various media platforms.

E-mail the Social Media Team for more information about IEEE's official Facebook page and its content.

IEEE Smart Grid Newsletter and New Video Series

This has been an exciting month for IEEE Smart Grid. In June, IEEE Smart Grid launched a new video series featuring interviews with IEEE experts from around the world discussing the latest Smart Grid trends and issues. The video series is available on the IEEE Smart Grid Portal and the IEEE Smart Grid YouTube Channel. Another highlight was NPR's Science Friday program on Smart Grid, 'Building A Better Electric Grid,' that featured IEEE Senior Member and member of IEEE Smart Grid Task Force, Erich Gunther. IEEE Smart Grid engagement in social media is growing, with

425 followers on Twitter. Last but not least, IEEE Smart Grid Newsletter has realized a 111% growth in subscribers since its first month in January 2011. The June issue of the IEEE Smart Grid Newsletter, with all new, exclusive insight and information on Smart Grid, is now available.

Join the growing ranks of IEEE Smart Grid Newsletter readers. Access June and earlier issues of the IEEE Smart Grid Newsletter or subscribe to the RSS feed.

Officer Training is available at the IEEE Center for Leadership Excellence.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(June 29, 2011)
Total: 3442

Affiliate	Active	25
Associate Member	Active	47
Fellow	Active	6
Graduate Student Member	Active	283
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	3
Life Senior	Active	12
Member	Active	914
Senior Member	Active	164
Student Member	Active	1982

◆IEEE

vol 11 no 07
July 2011

From the desk of ECC

My dear esteemed Members,

With the academic institutes gradually re-opening after summer vacation, this issue for July 2011 is being released with the updated info and expecting more and more activities in the remaining part of the calendar year. Our Past Section Chair (1991-92) Prof C S Indulkar's book on ELECTRICAL MACHINES & POWER SYSTEMS (Problems with Solutions) has been published and a write-up on the same has been included in the text to follow.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
July 20, 2011 (*Wednesday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

**2011 First IEEE Circuits and Systems Society Region 10 Summer School
Date: Aug 29 – Sep 2, 2011**

Location: F6019, Dept. of EE, National Sun Yat-Sen University, Kaohsiung, Taiwan
Registration Fee: 100 USD or 3000 NTD (It will be fully refunded if the registered attendee sits in all 8 lectures.)
Registration website:
http://vlsi.ee.nsysu.edu.tw/sschool_2011/
Deadline: Aug. 20, 2011
Contact Information:
Ms. Kai-Han Chuang / Ms. Shu-Fen Huang

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E-mail: carisschuang@vlsi.ee.nsysu.edu.tw
girl-hsf@vlsi.ee.nsysu.edu.tw

ELECTRICAL MACHINES & POWER SYSTEMS
(Problems with Solutions) (229 Pages)
by C. S. Indulkar*
(S. Chand Publishers, 7361, Ram Nagar,
New Delhi-110055)
Price: Rs 150/-

ABOUT THE BOOK

The textbook on "Electrical Machines and Power Systems" has been written to serve the needs of a wide-cross-section of readership including the students of Electronics, Electrical Engineering and allied scientific disciplines at the undergraduate level, practising professional engineers, technologists and all those related to the courses on Electrical Machines and Power Systems.

PREFACE

The recently published book contains problems in Electrical Machines & Power Systems with solutions. I have used these and other problems in the class - room for many years. In most of the solutions I have deliberately avoided giving theoretical explanations, because an average student should know the theory well before attempting to solve any problem. However, in each chapter, I have provided a brief introduction related to the chapter so that the students are made aware of the contents of the chapter before reading the problems and their solutions. The introduction contains objective type questions and their answers. The introductions contain brief notes on the topics of the chapters and also include Indian standards for testing and maintenance of substation equipments, transformers, overhead lines, underground cables and materials. The introductions also contain thehttp://www addresses of the websites which include electrical machines and power systems topics related to the

chapter. After presenting the brief introductory notes on the topic of each chapter, problems with detailed solutions are included in each chapter.

The book contains about 160 objective type questions and an equal number of solved problems. The contents of the book are also available on the author's website: http://cindulkar.tripod.com/index.htm. The solutions to the problems have been developed on Excel spreadsheets. Therefore, educators can use the problems for examination or tutorial purposes, because it is easy to change the problem data on the spreadsheet. Ready availability of the solutions for the new data is an advantage of using the spreadsheet.

*Dr. C. S. Indulkar, B. Tech (Hons.) (IIT Kharagpur), M. Sc (Tech) (Manch.), Ph. D (Manch.), Life Senior Member, IEEE Formerly, Professor & Head, Electrical Engineering Department, IIT Delhi

Website on Electric Machines & Power Systems:
http://cindulkar.tripod.com/index.htm
Website on Control System:
http://csindulkar.tripod.com/index.htm

SCOOP

(*extract from July 2011 issue as received on 20th*)

IEEE Sections Congress 2011

Registration: Early Deadline is 22 July

IEEE Sections Congress 2011(SC2011) will be held 19 - 22 August 2011, at the San Francisco Marriott Marquis, in San Francisco, California, USA. The primary audience for IEEE Sections Congress is IEEE members who are volunteering within the MGA structure (Region, Geographic Council, Section, Subsection, Chapter, and Affinity Group). Volunteers from other IEEE units are encouraged to attend as well. Attendees will save **$ US50 off the registration fee if registered by Friday, 22 July**. Information on time-specific breakout sessions, program details, and travel logistics is also available.

MGA Middleton Award Recipient Announced

Every three years, the MGA William W. Middleton Distinguished Service Award is presented to an individual, who over a long and sustained period of leadership, contributed in an exemplary manner to the IEEE Member and Geographic Activities (MGA) Board, its activities and achievements, and the attainment of its goals and objectives.

On 25 June 2011, the IEEE Member and Geographic Activities Board selected Evelyn H. Hirt (Region 6, Richland Section) as the 2011 recipient of the MGA William W. Middleton Distinguished Service Award, "For a career of exemplary service and inspirational leadership that enthusiastically promotes IEEE as a desirable professional home, and for mentoring volunteers around the world in support of MGA goals and strategies which emphasize member engagement and enhanced organizational

unit cooperation."

MGA Outstanding Large and Small Section Award Recipients

Congratulations to the IEEE Ottawa Section (R7) for being chosen as the recipient of the 2010 Member and Geographic Activities (MGA) Outstanding Large Section Award and the IEEE London Section (R7) for being chosen as the recipient of the 2010 MGA Outstanding Small Section Award. The Ottawa and London Sections were chosen "For successful efforts in fulfilling the educational and scientific goals of IEEE for the benefit of the public by maintaining, enhancing, and supporting the Student Branches, Technical Chapters, and Affinity Groups within their geographic boundaries." The MGA Awards and Recognition Committee and the MGA Board were impressed by the quality of the nominations submitted and congratulate all Sections that submitted nominations for these awards.

The MGA Outstanding Section Awards Web page includes the officers of this year's Outstanding Sections, the Section names of the previous award recipients, and select 2010 calendar year activity highlights from this year's recipients and nominees.

Announcing 2012 IEEE MGA Board and Committee Chair Positions

The MGA Assembly met Thursday, 23 June 2011, and confirmed the slate of candidates for the office of 2012 IEEE Vice President-Member and Geographic Activities. This position will be selected at the IEEE Assembly in November.

- Bill Kennedy - Calgary, AB, Canada
- Howard Michel - North Dartmouth, MA, USA

The MGA Assembly also selected the 2012 MGA Treasurer and Vice Chairs, as follows:

- MGA Treasurer: Enrique Alvarez (R9) - Lima, Peru
- MGA Vice Chair - Geographic Unit Operations: T. Scott Atkinson (R5) - San Antonio, TX, USA
- MGA Vice Chair - Information Management: Kim Tracy (R4) - Naperville, IL, USA
- MGA Vice Chair - Member Development: Babak Beheshti (R1) - Bethpage, NY, USA
- MGA Vice Chair - Strategic Management and Analysis: Okyay Kaynak (R8) - Istanbul, Turkey

The MGA Board met Saturday, 25 June 2011, and approved the 2012 MGA

Committee Chair appointments, recommended by the MGA Nominations and Appointments Committee. Please visit the 2012 MGA Volunteers Web page for more information.

Call for Nominations: 2012 MGA Committee Members and Liaisons

The IEEE Member and Geographic Activities (MGA) Nominations and Appointments (N&A) Committee is soliciting nominations for 2012 MGA Committee Member and Liaison positions. A complete list of available MGA positions, the MGA online nomination form, and information on the MGA Nominations and Appointments process are available.

Each IEEE Region is encouraged to submit nominations to help ensure that MGA is globally balanced. Self nominations are encouraged. The deadline to submit nominations is 1 September 2011.
Nominate yourself or a colleague now.

vTools Portal Updates

vTools is a portfolio of online tools to simplify geographic unit administration by offering Web based software, reduce time spent managing activities, and assist in member development. vTools are developed and made possible by IEEE volunteers.

The vTools portal has been updated to simplify finding products of interest, relevant tutorials, and to allow submission of functionality improvement requests. Please visit the vTools Products page for the updated list of available tools. Navigate to the vTools Tutorials page to quickly get started with any of the vTools products. Use the Feature Requests page to report a problem or request an enhancement.

To keep up to date on vTools, please subscribe to the vTools Blog RSS.

IEEE Smart Grid Newsletter

IEEE Smart Grid and the IEEE Smart Grid Newsletter continue to make a constructive contribution to the Smart Grid conversation and industry. The July IEEE Smart Grid Newsletter includes articles from international Smart Grid experts sharing their insight, information, and lessons learned:

- John McDonald, IEEE Fellow and Director of Technical Strategy and Policy Development for GE's Digital Energy business, presents valuable lessons learned through Smart Grid field deployments,

which practitioners can build upon to improve future project performance to achieve a smarter grid;

- China's Approach to the Smart Grid is discussed by IEEE members Jinyu Wen, who leads the Smart Grid Operation & Control Research Group in the China State Key Laboratory of Advanced Electromagnetic Engineering and Technology, and Haibo He, who is a member of the Department of Electrical, Computer, and Biomedical Engineering at the University of Rhode Island;

- In the article, What the Smart Grid Means—and Doesn't Mean—for India, Rahul Tongia, IEEE member and principal research scientist at the Center for Study of Science, Technology, and Policy in, Bangalore, notes the nation's unique grid requirements, where the most important technologies will be those that help constrain peak demand and peak load growth at reasonable cost, while cutting losses. Dr. Tongia works closely with utilities in India and the Indian government on smart grid issues;

- The role of the Smart Grid Information Clearinghouse Web portal is described by IEEE Fellow Saifur Rahman, who directs the Center for Energy and the Global Environment, and is editor-in-chief of the IEEE Transactions on Sustainable Energy. His co-author is IEEE member Manisa Pipattanasomporn, an assistant professor at the Advanced Research Institute working on multiple research grants from the U.S. National Science Foundation, the U.S. Department of Defense and the U.S. Department of Energy on topics related to smart grid and microgrids.

Stay current on Smart Grid developments. Access July and earlier issues of the IEEE Smart Grid Newsletteror subscribe to the RSS feed.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(July 20, 2011)
Total: 3519

Affiliate	Active	25
Associate Member	Active	48
Fellow	Active	6
Graduate Student Member	Active	285
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	3

Life Senior	Active	12
Member	Active	936
Senior Member	Active	165
Student Member	Active	2033

From the desk of ECC

My dear esteemed Members,

Let it be blank this time for a change.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
August 21, 2011 (*Sunday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

**From Prerna Gaur, SAC-IEEE Delhi Section
To Branch Counselor and Student Branch Chair
on Quarterly meet in August'2011end**

Dear Branch Counselors and branch chairs, Quarterly meets are the platform for all IEEE student branches to showcase their talent and activities and it also helps in networking amongst the branches. Experiences are shared during the day long meet. Generally 5 students per branch along with their branch counselors are invited by the institute who is holding the meet and some technical talk / interactive sessions / informal events are arranged by the students and branch counselor of that institute. Delhi section gives Rs10,000/- to that branch as financial assistance to hold this meet (for food and stationary etc).

The branches that may organize the meet at the end of this month ie 27thAugust'2011 or 3rd September 2011 may inform as early as possible (within two-three days) to the undersigned. Those who did not get the chance to hold the same in the last one and a half year will be preferred.

Sincerely Yours

With Best Regards
Dr. Prerna Gaur
Netaji Subhas Institute of Technology
Wednesday, August 17, 2011 11:13 AM

Senior member IEEE,
Treasurer, IEEE Delhi Section
Secretary, IEEE PELS-IES Delhi Chapter
SAC-IEEE Delhi Section {Chair, Standing Com.-Students & Educational activity}
Secretary, WIE, IEEE Delhi Section
Branch Counselor,
NSIT Students Branch, Branch Code : 2534811
Email: <prernagaur@yahoo.com>

SCOOP

(*extract from August 2011 issue as received on 20th*)

IEEE Sections Congress 2011: Participate in Live Breakout Session Webinars This Weekend

IEE! E Sections Congress 2011 (SC2011) will be held this weekend, 19 - 22 August 2011, at the San Francisco Marriott Marquis, in

San Francisco, California, USA. During SC2011 Breakout Sessions, speakers share information on specific topics with attendees, leaving time for a question and answer period. Each Breakout Session will be available live via webinar, for IEEE volunteers and members who are not at SC2011, but who are interested in participating in the sessions. Each webinar will also be recorded and available after SC2011 on the IEEE Center for Leadership Excellence training portal. Several Breakout Sessions will also be aired live on IEEE.tv or recorded for later broadcast via IEEE.tv. Learn more about the Breakout Sessions and webinars.

Last Call for Nominations: 2012 MGA Committee Members and Liaisons: Deadline 1 September

The IEEE Member and Geographic Activities (MGA) Nominations and Appointments (N&A) Committee is soliciting nominations for 2012 MGA Committee Member and Liaison positions. A complete list of available MGA positions, the MGA online nomination form, and information on the MGA Nominations and Appointments process are available.

Each IEEE Region is encouraged to submit nominations to help ensure that MGA is globally balanced. Self nominations are encouraged. The deadline to submit nominations is 1 September 2011.

Nominate yourself or a colleague now.

Call for Nominations: 2011 MGA Awards: Recognizing Outstanding IEEE Volunteers

You can help recognize the efforts of outstanding volunteers by nominating individuals for one of the prestigious Member and Geographic Activities (MGA) Awards. Each award has a unique mission and criteria and offers the opportunity to honor distinguished colleagues, inspiring teachers, and corporate leaders.

If you know someone who has made substantial regional contributions through innovative projects, exemplary leadership, service, or by fulfilling the goals as related to transnational activities, consider nominating them for one of the following awards:

- MGA Larry K. Wilson Transnational Award
- MGA Innovation Award
- MGA Leadership Award
- MGA Achievement Award
- MGA GOLD (Graduates of the Last Decade) Achievement Award

Please complete the Online Award Nomination. The deadline for nominations is 15 October 2011.

Fellow Nominations Are Now Only Accepted Electronically

A change to how Fellow nomination forms are submitted will take place for the 2013 Fellow Class. Previously, nominations were submitted either by hard copy or through the Fellow online application. After allowing both methods for many years, the Fellow Committee and the IEEE Board of Directors approved the change to go completely electronic. The 2013 Fellow Class will be the first class where all the forms (nominations, references, endorsements) will have to be submitted electronically. No hard copy forms will be accepted for any reason. The nomination period for the 2013 Fellow Class is now open and will continue through 01 March 2012. Nominee eligibility requirements, steps to becoming an IEEE Fellow, nomination instructions and much more can be found on the IEEE Fellow Web page.

IEEE Day Celebration is 6 October 2011

6 October 2011 marks the second annual IEEE Day. This year's theme is Empowering Members to Create the Future,

and IEEE organizational units (Regions, Sections, Chapters, Affinity Groups, Student Branches, etc.) are encouraged to participate by providing local events for their members and encouraging the use of social networking to communicate members' technological achievements, interests, and successes. IEEE Day is on Facebook, Twitter, Flickr, and LinkedIn. The first IEEE Day was held 7 - 8 October 2010, in recognition of IEEE members -- past, present, and future -- on the anniversary of the first time IEEE members gathered to share their technical ideas in 1884.

IEEE Annual Election: Remember to Vote: Deadline 3 October

IEEE members are requested to participate in the annual IEEE elections. Participating in IEEE elections is your opportunity to shape IEEE's future by voting for IEEE leaders. In addition to the two candidates for 2012 IEEE President-Elect, there are 38 others running for office in various IEEE Divisions and Regions, as well as in the IEEE Standards Association, IEEE Technical Activities, and IEEE-USA. Please remind the members in your geographic unit to vote. The IEEE Annual Election Web page has more information about the election and a link to access the ballot electronically. The balloting

period will end on Monday, 3 October 2011, at 12:00 noon Central Time USA (17:00 UTC).

2011 IEEE Honors Ceremony to be Streamed Live via IEEE.tv

The 2011 IEEE Honors Ceremony will again be streamed live through IEEE.tv. This year's ceremony will be held on Saturday, 20 August, at the San Francisco Marriott Marquis, California, USA, in conjunction with theIEEE Sections Congress 2011. IEEE President, Moshe Kam, will serve as the Master of Ceremonies, along with co-presenter, IEEE President-Elect, Gordon Day. The theme for this year's ceremony is the Power of Persistence. The program for the evening will include the recognition of 27 recipients, including the Medal of Honor recipient, Morris Chang. The IEEE Honors Ceremony will be available to view live on Saturday, 20 August at 6:00 p.m. PDT (22:00 UTC) on the IEEE.tv network.

IEEE Foundation/IEEE Life Members Fund Call for Grant Applications: Deadline 12 September

The IEEE Foundation and the IEEE Life Members Fund accept grant applications for new and innovative projects three times per year. The next 2011 deadline is 12 September. Please review the IEEE Foundation grant guidelines before submitting a grant application. Projects should be focused in these particular areas of interest:

- Using technology for humanitarian causes
- Improving math, science, and technology education from pre-college through continuing education
- Introducing pre-college students to engineering and science
- Providing professional development and conferences for university students
- Preserving, studying, and promoting the history of IEEE associated technologies
- Recognizing major contributions to IEEE associated technologies

Call for Nominations: IEEE Press Editor-in-Chief 2012-13 and Board Member 2012-14

IEEE Press is seeking nominations for qualified candidates who are willing to serve, if elected, in the position of Editor-in-Chief (EIC) of IEEE Press or as IEEE Press Editorial Board Member. The deadline for nominations is 26 August 2011. Interested nominators should e-mail Lani Angso for the nomination template. Self-nomination is

permitted.

The IEEE Press Editorial Board is interested in achieving diversity in gender and geographical locations, as well as a technical scope that embraces the strength of its respective series. IEEE Press publishes in the full range of IEEE technical fields of interest, and currently has series that concentrate in communications, electromagnetics, biomedical engineering, power engineering, microwave technology, microelectronics, computational intelligence, and professional communication.

Check Out The Institute's New Redesign

The Institute Online has been re-architected and re-designed. The new Web site is an environment in which to showcase IEEE members and their activities and to better promote IEEE and its products and services. What's new? Content is now easier to find because it's been separated into channels: People, Tech Focus, Benefits, Briefings, Opinions, Region News, and Career and Education. And there's more content: Slideshows, some created with images from IEEE History Center, videos from IEEE.tv and members, and podcasts based on interviews conducted by The Institute's writers now supplement the text articles. And readers can get their Institute news via RSS feeds.

Other benefits: The Institute's staff is aiming to build an active online community around member news on the site. There's a page devoted to news from the IEEE Regions and a submission form for members to use to submit news about their local IEEE activities. There's also an area where members can submit story ideas. Members can share their opinions with others by using the commenting tools that accompany each article, including The Institute's most popular feature, Question of the Month. They can also share articles with colleagues via Facebook, Linkedin, and Twitter. Another new feature is The Institute Online blog, IEEE Roundup. This blog, written by the editors, will update members on what is happening around IEEE, report on members who've been mentioned in the media, and provide information on upcoming meetings and conferences. The editors will also be inviting prominent IEEE members and experts to offer commentary.

IEEE Smart Grid Newsletter: August Issue Reveals Surprising Smart Grid Early Adopters

IEEE Smart Grid and the IEEE Smart Grid Newsletter continue to make a constructive contribution to the Smart Grid conversation and industry. The August issue of the

Newsletter brings forth exclusive material on Smart Grid from experts in the energy, data, utility and electric industries:

- Peter Fox-Penner brings to light what we can learn from the surprising early adopters of Smart Grid and related deployment developments;
- Amol Bakshi and Viktor K. Prasanna bring forth lessons learned from a decade of digital oilfield initiatives that can inform Smart Grid plans.;
- Himanshu Khurana addresses the substantial changes to design and development processes necessary to build cybersecurity into Smart Grid from the start;
- Jeff Katz writes on preparing for the onslaught of Smart Grid-generated data.

The IEEE Smart Grid Newsletter promotes greater understanding of critical issues and challenges that impact efforts to move Smart Grid from conception to reality, including power generation, transmission, and distribution, storage, technological advancement, renewables, infrastructure investment, funding, and R&D, standards, security, and communications.

Stay current on Smart Grid developments.

Access August and earlier issues of the IEEE Smart Grid Newsletter or subscribe to the RSS feed.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(August 21, 2011)
Total: 3662

Affiliate	Active	26
Associate Member	Active	59
Fellow	Active	6
Graduate Student Member	Active	227
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	5
Life Senior	Active	14
Member	Active	1107
Senior Member	Active	163
Student Member	Active	2049

◆ IEEE

vol 11 no 09
September 2011

From the desk of ECC

My dear esteemed Members,

Once again came up with few news and views for your consumption as well as for keeping you current with the information related to our Delhi Section. I waited for SCOOP for this month, as many of you want to have certain relevant matters that are of interest and usually available there. But it is yet to be out. That's why I am bit late.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
September 28, 2011 (*Wednesday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

However, for your direct & short-term info-

A talk on Sept 30, 2011 (Friday) at 18:30 hours on 'Green IT-What, Why and How?' by Mr. Daman Dev Sood in the Committee Room, EE Dept, IIT Delhi

WIE affinity group, Delhi section in association with WIE, DTU organizing
- a week long computer training program for the girls of weaker section starting from Sept 30, 2011 (3 to 5 pm) at Child Home, Badli, Delhi
- a half day workshop on "Maths made Easy" for girl students to develop their interest in mathematics on Oct 01, 2011 (Saturday) from 9 to 11 am at Govt. Girls School, Shahabad Daulatpur, Delhi

IEEE Jamia Student Branch is hosting the IEEE All India Student Congress AISC 2011 from Sept 29 to Oct 01, 2011 with the sponsorship of PES-IAS Chapter for the benefit of student/GOLD members in this event that includes also the following talks at M A Ansari Auditorium, Jamia Millia Islamia, New Delhi:
1. "Purpose of IEEE-The larger picture as to why IEEE exists and conducts a spectrum of activities for members" Mini S. Thomas, IEEE MGA Vice Chair at 12.30 pm on Sept 29, 2011
2. "The 7 Myths of Leadership" Kshitij Saxena, Agilent Technologies, Delhi at11.45 pm on Sept 30, 2011

3. " Corporate World: Expectations and Realities" Gowtham Prasad, Microsoft corporation, Bangalore at 9.30 am on Oct 01, 2011 (at Auditorium, Faculty of Engg & Technology, Jamia Millia Islamia)

Edison memorial lecture, jointly organized by IEEE PES-IAS & PELS-IES Delhi Chapters, on Oct 18, 2011 at 5:00 pm in the Committee room of EE Dept, IIT Delhi on 'Current trends and converting technologies for electric/hybrid vehicles and more electric aircraft systems' by Prof. Kaushik Rajashekara

2011 IEEE Member-Get-a-Member Section Award

From: **elyn.perez@ieee.org**
Sent: 27 September 2011 16:38PM
To: shiban_koul@hotmail.com
Cc: prernagaur@yahoo.com; hbkang@catholic.ac.kr

Dear Shiban,
I am pleased to inform you that your exceptional recruiting efforts in the IEEE Member-Get-a-Member (MGM) program during 2011 have earned the Delhi Section an additional award of $1000.
You were the first place recruiter in the Asia and Pacific Region, and the top overall recruiter across all IEEE (for the second year in a row I might add - very impressive).
The Section awards were created as a way to further encourage participation in the MGM program, and to help underwrite the Sections' local programs and activities. As such, the top five MGM recruiters in each Region earn an additional award for their local Section. Your Section will receive these funds within 2-3 weeks.
On behalf of IEEE Member and Geographic Activities, I extend a warm thank you and congratulations, and encourage your continued participation in the IEEE Member-Get-a-Member program.

Regards,
Elyn Perez
****
Elyn Perez

Membership Sales Operations Manager
IEEE Member and Geographic Activities Department
445 Hoes Lane
Piscataway, NJ 08854-4141 USA
Tel: +1 732 562 5392
Email: elyn.perez@ieee.org
www.ieee.org
****

IEEE – Advancing Technology for Humanity

Circular from Dr. V. R. Singh, Chair, Section STDCOM on 'Awards and Fellow Nomination'

If you think you know someone in the Delhi Section who may be eligible for an IEEE Technical Field Award (TFA), please visit www.ieee.org/awards for more information on eligibility and general award criteria. The nomination deadline for the 2013 IEEE Technical Field Awards is 31 January 2012. In this context given below is the list of IEEE TFA along with the names of recipients for 2012.

1. **IEEE CLEDO BRUNETTI AWARD**—recognizes outstanding contributions to miniaturization and nanotechnology in the electronic arts—sponsored by *Taiwan Semiconductor Manufacturing Company Limited* and the *Brunetti Bequest*

   CO-RECIPIENTS
   YAN BORODOVSKY – Intel Senior Fellow, Director of Advanced Lithography, Intel Corporation, Hillsboro, OR, USA

   AND

   SAM SIVAKUMAR – Intel Fellow, Director of Lithography, Intel Corporation, Hillsboro, OR, USA

   "For contributions to developing and implementing innovative lithographic and patterning equipment and processes to enable cost-effective scaling for logic technologies."

2. **IEEE COMPONENTS, PACKAGING AND MANUFACTURING TECHNOLOGY AWARD**—recognizes meritorious contributions to the advancement of components, electronic packagaing, or manufacturing technologies — sponsored by the *IEEE Components, Packaging and Manufacturing Technology Society*

   MAURO J WALKER – Senior Vice President and Director of Manufacturing, Motorola (Retired), Ocean Ridge, FL, USA

   "For advancing electronic manufacturing, technology and packaging worldwide through technical innovation and cooperative leadership in industry, government, academia, and professional organizations."

3. **IEEE CONTROL SYSTEMS AWARD** — recognizes outstanding contributions to control systems engineering, science or technology — sponsored by the *IEEE Control Systems Society*

   ALBERTO ISIDORI – Professor of Systems and Control, University of Rome, Sapienza, Rome, Italy

   "For pioneering contributions to nonlinear control theory."

4. **IEEE ELECTROMAGNETICS AWARD**—recognizes outstanding contributions to electromagnetics in theory, application, or education — sponsored by the *IEEE Antennas and Propagation, IEEE Electromagnetic Compatibility, IEEE Microwave Theory and Techniques,* and *IEEE Geoscience and Remote Sensing Societies*

   NADER ENGHETA – H. Nedwill Ramsey Professor of Electrical and Systems Engineering and Professor of Bioengineering, University of Pennsylvania, Philadelphia, PA, USA

   "For contributions to electromagnetic

theory and applications of metamaterials and nanoscale optics."

5. **IEEE JAMES L. FLANAGAN SPEECH AND AUDIO PROCESSING AWARD**—recognizes outstanding contribution to the advancement of speech and/or audio signal processing — sponsored by the *IEEE Signal Processing Society*

CO-RECIPIENTS
JAMES BAKER – Distinguished Career Professor, Carnegie Mellon University, Entrepreneur and Consultant, Maitland, FL, USA

AND

JANET BAKER – President, Chair of Saras Institute, Independent Researcher, Guest Lecturer in Entrepreneurship, Maitland, FL, USA

"For fundamental contributions to the theory and practice of automatic speech recognition."

6. **IEEE ANDREW S. GROVE AWARD**—recognizes outstanding contributions to solid-state devices and technology — sponsored by the *IEEE Electron Devices Society*

JEAN-PIERRE COLINGE – Professor and Head of the Microelectronics Centre, University of Cork, Cork, Ireland

"For contributions to silicon-on-insulator devices and technology."

7. **IEEE HERMAN HALPERIN ELECTRIC TRANSMISSION AND DISTRIBUTION AWARD**—recognizes outstanding contributions to electric transmission and distribution — sponsored by the *Robert and Ruth Halperin Foundation, in memory of Herman and Edna Halperin*, and the *IEEE Power & Energy Society*

MICHEL DUVAL – Senior Research

Scientist, Hydro Quebec Institute of Research (IREQ), Quebec, Canada

"For development and leadership in the condition monitoring of high-voltage power transformers and related equipment."

8. **IEEE MASARU IBUKA CONSUMER ELECTRONICS AWARD**—recognizes outstanding contributions in the field of consumer electronics technology— sponsored by *Sony Corporation*

CO-RECIPIENTS

GISLE BJØNTEGAARD – Chief Scientist, Tandberg Telecom, Lysaker Norway

GARY J. SULLIVAN – Video and Image Technology Architect, Microsoft Corporation, Redmond, WA, USA
THOMAS WIEGAND – Chair Image Communication, Fraunhofer Institute for Telecommunications – Heinrich Hertz Institute, Head Image Processing Department & Berlin University of Technology, Berlin, Germany

"For leadership and technical contributions to the development of the globally deployed video coding standard H.264/MPEG4-AVC."

9. **IEEE INTERNET AWARD**—recognizes exceptional contributions to the advancement of Internet technology for network architecture, mobility and/or end-use- applications—sponsored by *Nokia Corporation*

MARK HANDLEY – Professor of Networked Systems, Department of Computer Science, University College London, London, United Kingdom

"For contributions to Internet multicast, telephony, congestion control, and the shaping of open Internet standards and open-source systems in all these areas."

10. **IEEE REYNOLD B. JOHNSON INFORMATION STORAGE SYSTEMS AWARD** - for outstanding contributions to information storage systems with emphasis on computer storage systems – sponsored by *Hitachi Data Systems*

NAOYA TAKAHASHI – Representative Executive Officer, Executive Vice President, Executive Officer, Hitachi Ltd, Tokyo, Japan

"For leadership in the development of innovative storage systems for heterogeneous open and mainframe servers, business continuity solutions, and virtualization of heterogeneous storage systems."

11. **IEEE RICHARD HAROLD KAUFMANN AWARD**—recognizes outstanding contributions in industrial systems engineering—sponsored by the *IEEE Industry Applications Society*

JOHN P. NELSON – Chief Executive Officer, NEI Electric Power Engineering, Inc., Arvada, CO, USA

"For leadership in grounding and protection design and the advancement of the electrical safety culture."

12. **IEEE JOSEPH F. KEITHLEY AWARD IN INSTRUMENTATION AND MEASUREMENT** — recognizes outstanding contributions in electrical measurements — sponsored by *Keithley Instruments, Inc.*

RIK PINTELON - Professor, Vrije Universiteit Brussel, Brussels, Belgium

"For the development of innovative system identification methods for measurement applications."

13. **IEEE GUSTAV ROBERT KIRCHHOFF AWARD** — recognizes outstanding contributions to the fundamentals of any aspect of electronic circuits and systems

that has a long-term significance or impact — sponsored by the *IEEE Circuits and Systems Society*

RONALD A. ROHRER - Vice President, Advanced R&D (Retired), Cadence Design Systems, Bend, OR, USA

"For fundamental contributions to circuit simulation, circuit design optimizations and electronic design automation."

14. **IEEE KOJI KOBAYASHI COMPUTERS AND COMMUNICATIONS AWARD** — recognizes outstanding contributions to the integration of computers and communications — sponsored by *NEC Corporation*

JEAN WALRAND - Professor of Electrical Engineering and Computer Sciences, University of California at Berkeley, Berkeley, CA, USA

"For contributions to the theory and algorithms for high-speed switching and network resource allocation."

15. **IEEE WILLIAM E. NEWELL POWER ELECTRONICS AWARD** — recognizes outstanding contribution(s) to the advancement of power electronics — sponsored by the *IEEE Power Electronics Society*

LEO LORENZ – Senior Principal, Infineon Technologies, Neubiberg, Germany

"For contributions to the development of power semiconductor devices and integrated power modules."

16. **IEEE DANIEL E. NOBLE AWARD FOR EMERGING TECHNOLOGIES** — recognizes outstanding contributions to emerging technologies recognized within recent years — sponsored by *Motorola Foundation*

SUBRAMANIAN S. IYER – Distinguished

Engineer & Chief Technologist, Semiconductor Research & Development Center, IBM Systems & Technology Group

"For the development and implementation of embedded DRAM technologies."

17. **IEEE DONALD O. PEDERSON AWARD IN SOLID-STATE CIRCUITS** — recognizes outstanding contributions to solid-state circuits — sponsored by the *IEEE Solid-State Circuits Society*

BEHZAD RAZAVI – Professor, University of California, Los Angeles, CA, USA

"For pioneering contributions to the design of high-speed CMOS communication circuits."

18. **IEEE FREDERIK PHILIPS AWARD** — recognizes outstanding accomplishments in the management of research and development resulting in effective innovation in the electrical and electronics industry —sponsored by *Philips Electronics NV*

CHIH-YUAN (C.Y.) LU – President, Macronix International Co., Ltd., Hsin-Chu, Taiwan

"For leadership and contributions to research , development, and industrial alliances in semiconductor technology."

19. **IEEE PHOTONICS AWARD** — recognizes outstanding achievements in photonics — sponsored by the *IEEE Photonics Society*

ELI YABLONOVITCH - Professor, Electrical Engineering & Computer Sciences Department, University of California Berkeley, Berkeley, CA USA

"For pioneering contributions to photonic crystals, the photonic bandgap, and photonic bandgap engineering."

20. **IEEE EMANUEL R. PIORE AWARD** — recognizes outstanding contributions in the field of information processing in relation to computer science — sponsored by the *IEEE Emanuel R. Piore Award Fund*

FRED B. SCHNEIDER – Samuel B. Eckert Professor of Computer Science, Cornell University, Ithaca, NY, USA

"For contributions to trustworthy computing through novel approaches to security, fault tolerance, and formal methods for concurrent and distributed systems."

21. **IEEE JUDITH A. RESNIK AWARD** — recognizes outstanding contributions to space engineering, within the fields of interest of the IEEE — sponsored by the *IEEE Aerospace and Electronic Systems, IEEE Control Systems,* and *IEEE Engineering in Medicine and Biology Societies*

PRAMOD KUMAR VARSHNEY – Distinguished Professor, Syracuse University, Syracuse, NY, USA

"For contributions to and leadership in the theory and practice of multisensor data fusion for aerospace and bioengineering applications."

22. **IEEE ROBOTICS AND AUTOMATION AWARD** — recognizes outstanding contributions in the field of robotics and automation — sponsored by the *IEEE Robotics and Automation Society*

BERNARD ROTH - Professor, Stanford University, Stanford, CA, USA

"For fundamental contributions to robot kinematics, manipulation, and design."

23. **IEEE FRANK ROSENBLATT AWARD** — recognizes outstanding contributions to the advancement of the design, practice, techniques, or theory in biologically and linguistically motivated

computational paradigms, including but not limited to neural networks, connectionist systems, evolutionary computation, fuzzy systems, and hybrid intelligent systems in which these paradigms are contained — sponsored by the *IEEE Computational Intelligence Society*

VLADIMIR VAPNIK – Professor, Columbia University, New York, NY, USA

"For development of support vector machines and statistical learning theory as a foundation of biologically inspired learning."

24. **IEEE DAVID SARNOFF AWARD** — recognizes exceptional contributions to electronics — sponsored by *SRI International*

HIDEO OHNO - Professor at Laboratory for Nanoelectronics and Spintronics, Research Institute of Electrical Communication and Director of Center for Spintronics Integrated Systems, Tohoku University, Sendai, Japan

"For seminal contributions and leadership in bridging semiconductor electronics with magnetism and spintronics."

25. **IEEE MARIE SKLODOWSKA-CURIE AWARD** — recognizes outstanding contributions to the field of nuclear and plasma sciences and engineering – sponsored by *IEEE Nuclear and Plasma Sciences Society*

GENNADY ANDREEVICH MESYATS – Director, Lebedev Physics Institute, Russian Academy of Sciences and Vice President, Russian Academy of Sciences, Moscow, Russia

"For founding the field of nanosecond pulsed power and for seminal contributions to the physics of vacuum breakdown at high power levels."

26. **IEEE CHARLES PROTEUS STEINMETZ AWARD** — recognizes exceptional contributions to the development and/or advancement of standards in electrical and electronics engineering — sponsored by the *IEEE Standards Association*

DALEEP C. MOHLA - Principal Consultant, DCM Electrical Consulting Services, Inc., Missouri City, TX, USA

"For contributions to the preparation, dissemination, and advocacy of consensus safety standards for operation and maintenance of industrial and commercial power systems."

27. **IEEE ERIC E. SUMNER AWARD** — recognizes outstanding contributions to communications technology – sponsored by *Alcatel-Lucent Bell Labs*
CO-RECIPIENTS
JACK H. WINTERS – Managing Member, Jack Winters Communications, LLC, Middletown, NJ, USA
and

ANDREAS F. MOLISCH - Full Professor, University of Southern California, Dept. of Electrical Engineering, Los Angeles, CA, USA

"For contributions to the theory and application of multiple-antenna systems in wireless communications."

28. **IEEE NIKOLA TESLA AWARD** — recognizes outstanding contributions to the generation and utilization of electric power — sponsored by *The Grainger Foundation* and the *IEEE Power & Energy Society*

MANOJ R. SHAH – Senior Engineer, General Electric Company, Niskayuna, NY, USA

"For advancements in electromagnetic design and analysis of electrical machines."

29. **IEEE KIYO TOMIYASU AWARD** — recognizes outstanding early to mid-career contributions to technologies holding the promise of innovative applications — sponsored by *Dr. Kiyo Tomiyasu*, *IEEE Geoscience & Remote Sensing Society*, *IEEE Microwave Theory and Techniques Society,* and *KDDI R&D Laboratories, Inc.*

MUNG CHIANG – Associate Professor of Electrical Engineering, Princeton University, Princeton, NJ, USA

"For demonstrating the practicability of a new theoretical foundation for the analysis and design of communication networks."

30. **IEEE LEON K. KIRCHMAYER GRADUATE TEACHING AWARD** — recognizes inspirational teaching of graduate students in the IEEE fields of interest — sponsored by the *Leon K. Kirchmayer Memorial Fund*

ANTHONY G. CONSTANTINIDES - Emeritus Professor, Imperial College, London England

"For educating, inspiring, and mentoring generations of graduate students in digital signal processing and communications throughout the world."

31. **IEEE UNDERGRADUATE TEACHING AWARD** — recognizes inspirational teaching of undergraduate students in the fields of interest of the IEEE — sponsored by *IEEE Education Society*

SANTOSH K. KURINEC - Professor, Electrical & Microelectronic Engineering, Rochester Institute of Technology, Rochester, NY, USA

"For distinguished contributions integrating research into undergraduate engineering education to develop microelectronic engineers well prepared for future challenges."

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(September 28, 2011)
Total: 3850

Affiliate	Active	26
Associate Member	Active	59
Fellow	Active	6
Graduate Student Member	Active	262
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	5
Life Senior	Active	15
Member	Active	1071
Senior Member	Active	164
Student Member	Active	2236

vol 11 no 10
October 2011

From the desk of ECC

My dear esteemed Members,

Good news; yes now we have crossed *four thousand* in membership strength this year. Rest is as usual with the info in addition that IEEE ComSoc President-Elect Prof. Vijay K. Bhargava is in Delhi in the first week of November. As detailed subsequently he will be delivering a lecture on Nov 04, 2011 (*Friday*) at IIT Delhi.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
October 27, 2011 (*Thursday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf [IEEE vTools Meeting System](#), then login with User Name and Password, and [View Existing Meetings / View Published Meetings](#) for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

However, for your direct & short-term info-

IEEE AES COM LEO SOCIETY
CHAPTER INDIA
&
IEEE DELHI SECTION COMMUNICATION
SOCIRTY CHAPTER,
&
INDIAN INSTITUTE OF TECNOLOGY, NEW
DELHI
and
INSTITUTION OF ELECTRONIC DATA
PROCESSING
Organizing a Lecture
On
Green Cellular Networks: A Survey, Some Research Issues and Challenges
By
**Vijay K. Bhargava
University of British Columbia
Vancouver, Canada
President-Elect, IEEE Communications
Society**
On
November 4, 2011 at 14:30 hours
At
Bharti School of Telecom, Indian Institute of
Technology Delhi, Hauz Khas, New Delhi

Reminder on Call for Articles

Prospective authors are invited to submit article not exceeding 2500 words for publication in the next issue of Beacon - a magazine published by IEEE Delhi Section. Authors should avoid 'copy and paste' material from published papers. The paper/article would not have been published elsewhere.

The last date of receiving articles is Oct. 30, 2011.

Please visit http://www.ieee.org/portal/cms_docs_iportals/iportals/publications/authors/transjnl/auinfo07.pdf to see guidelines for author.

Articles can be send to rgsasthana@gmail.com with subject line, "Articles for the IEEE Beacon Delhi Section".

SCOOP

(*extract from September 2011 issue as received on 2nd October*)

IEEE Sections Congress

2011: Presentations and [IEEE.TV](#)

Coverage Available

[IEEE Sections Congress 2011](#) (SC2011) was held 19 - 22 August 2011, in San Francisco, California, USA. This event brought together over 1,100 attendees from 92 countries to collaborate, educate, and provide input on IEEE programs and projects. The PowerPoint presentations from the various [SC2011 Breakout Sessions](#) are available.

[IEEE.tv](#) captured key moments of SC2011, including speeches by Vint Cerf, Google Vice President and Chief Internet Evangelist; Jim Fruchterman, President, CEO, and Founder of Benetech; and Dr. Sehat Sutardja, Chairman, President, and CEO of Marvell Technology Group Ltd. Members also shared their IEEE experiences with IEEE.tv through member testimonials.

- Watch the IEEE Sections Congress highlights video
- Watch full IEEE Sections Congress coverage
- View the IEEE Solutionists video: "Engineers, Inspiring a New Generation of What If"

IEEEXtreme Programming Competition 5.0

Think your students can code? Let them prove it! The IEEEXtreme Programming Competition 5.0 is an innovative global online programming competition in which a team of up to three IEEE Student members test their collective coding expertise against other IEEE Student programmers around the world. But they won't just be competing head-to-head against others; they'll also be competing against the clock. They must test their wit and stamina with only 24 hours to solve IEEEXtreme 5.0!

- Registration deadline: Friday, 7 October 2011, 00:00:00 UTC
- Competition date: Saturday, 22 October 2011, 00:00:00 UTC

To help increase participation and the spirit of the competition, please forward this information and communicate the registration deadline to each Student Branch. Additional information, registration,

and promotional material is available.

IEEE Xplore Digital Library Reaches Three Million Documents

The IEEE Xplore digital library, one of the world's largest collections of high quality technical literature in engineering and technology, added its three millionth article on 30 August. The milestone paper, titled "Protecting Smart Grid Automation Systems Against Cyberattacks," appears in the current issue of IEEE Transactions on Smart Grid and reflects a sample of the diverse technical disciplines represented in the collection. It took five years to grow the IEEE Xplore repository from one million to two million documents; and less than two-and-a-half years to reach this latest milestone. Read the full news release.

IEEE Standards Education: New e-Magazine and Student Grants

This month, the IEEE Standards Education Committee launched a new free quarterly publication, "IEEE Standards Education eZine," for those who learn, teach, use, deploy, develop, and enjoy standards. Serving the community of students, educators, practitioners, developers, and standards users, IEEE is building a community of standards education for the benefit of humanity.

The IEEE Standards Education Committee also offers grants of US$500 for students and US$300 for faculty mentors to help with graduate and capstone design projects that include an industry standards component. Students report the results of their projects by writing and submitting Student Application Papers. The next deadline for applications is 15 October 2011. For more information and to apply, please visit the Student Application Papers web page or the new IEEE Standards Education eZine for articles and FAQs about the student grants. IEEE's Standards Education Program is committed to:

- promoting the importance of standards in meeting technical, economic, environmental, and societal challenges;
- disseminating learning materials on the application of standards in the design and development aspects of educational programs;
- actively promoting the integration of standards into academic programs;
- providing short courses about standards needed in the design and development phases of professional practice.

IEEE Members Benefit from Media Coverage through IEEE Public Visibility

Initiative

As an IEEE member benefit, the IEEE Public Visibility Initiative, a global and multi-year communications program seeking to raise IEEE's visibility and increase public interest in the engineering profession, recently secured media interviews and bylined articles for IEEE members. These IEEE references build on IEEE's credible reputation with the public, while simultaneously positioning IEEE members as industry experts and enhancing their reputation with industry and local peers. For a complete listing of recent IEEE media coverage, visit IEEE in the News. Please also be sure to visit the new IEEE blog, IEEE Insights, on Forbes.com. This month features advice for Innovators from IEEE Fellow John Cioffi: Never Give Up.

Recent global coverage member highlights include:

- 14 September 2011, AOL Energy.com: Massoud Amin, IEEE Member and Chair of the IEEE Smart Grid Newsletter, contributed this bylined article, "We Are Not In Kansas Anymore," on creating a smarter and more secure critical infrastructure through a more

secure, resilient, and smarter grid.

- 15 September 2011, Express Healthcare: In a recent interview with a top-tier India publication, Dinesh Bindiganavale, IEEE Member, discusses how "Innovation across the Value Chain Will Help Medical Technology Players Create [a] New Market."

- 7 September 2011, Techeye.net: IEEE Member Antonio Espingardeiro studies the ethics associated with healthcare robots and the management policies for implementing these devices into future societies. In this article, "Advanced Technology Rakes In Dollars During Recession," he discusses that while we are still living difficult times, history tells us that after a great depression there's a new set of opportunities, making now a critical time for research. In economic terms, investment in advanced technologies should get stronger support in a weak economy, and conducting research now may yield infinite profits.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(October 27, 2011)
Total: 4090

Affiliate	Active	26
Associate Member	Active	62
Fellow	Active	6
Graduate Student Member	Active	294
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	5
Life Senior	Active	15
Member	Active	1072
Senior Member	Active	170
Student Member	Active	2434

vol 11 no 11
November 2011

From the desk of ECC

My dear esteemed Members,

With lots of info this edition is being released almost at the end of month of November 2011 for your consumption, congratulating specifically Prof. Raghunath K. Shevgaonkar, Director, & Prof. Ranjan K Mallik of EE Dept, IIT Delhi for becoming Fellow of IEEE with effect from January 01, 2012 and also, Dr Ram Gopal Gupta, IEEE India Council Chair & former Chair of IEEE Delhi Section for getting IEEE MGA Leadership Award for 2011.

Best regards.

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section

November 28, 2011 (*Monday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

However, for your direct & short-term info-
On Dec 01, 2011 (*Thursday*) at 1800 Hours, a lecture on 'Design of Generation Tariffs' by Mr. Bhanu Bhushan at Committee Room, Electrical Engineering Department, IIT Delhi (by Consultants Network Affinity Group)
On Dec 08, 2011 (*Thursday*) an invited talk on 'Green Computing' by Prof. Sartaj Sahni of University of Florida, USA, at Jamia Millia Islamia (Committee Room, Faculty of Engg. and Technology)
On Dec 16, 2012 (*Friday*) a talk on 'Storing Your Life Your Part of the Zetabyte Future' by Dr. Thomas Coughlin, Vice President Operations and Planning, IEEE Consumer Electronics Society at IIT Delhi at Committee Room of CARE or EE Dept
December 23, 2011 (*Friday*) at 10-00 hours in the Committee Room of Electrical Engineering Dept, IIT Delhi (Block II-241, 1st Floor) - A seminar by Dr. Kalyan K. Sen, IEEE Distinguished Lecturer, USA on "FACTS Controllers and Their Modeling Techniques Part-I"
January 03, 2012 (*Tuesday*) at 17-00 hours in the Committee Room of Electrical Engineering Dept, IIT Delhi (Block II-241, 1st Floor) - A seminar by Dr. Kalyan K. Sen, IEEE PES Distinguished Lecturer, USA on "FACTS Controllers and Their Modeling Techniques Part-II"

Reminder on Call for Articles
From:
Dr R G S Asthana
(rgsasthana@gmail.com)
on Nov 26, 2011

This is to appreciate the effort of Chairman, IEEE, Delhi Section in help extended in getting articles for Beacon. I take this opportunity to convey revised deadline for articles for Beacon which now is Dec 15, 2011.

This communication is particularly addressed to all those members of Execom held yesterday who had kindly confirmed to either give or arrange articles for the Beacon:

1. Dr. Sukumar Mishra
2. Dr. Rachna Garg [At least two student papers]
3. Dr. Prerna Gaur
4. Mr. Ravindra Joshi
5. Ms. Shabana Urooj

In addition, I would also request following members to send a paper for Beacon or use their influence to arrange one:

1. Mr. Daman Dev Sood
2. Prof. K. Subramanian
3. Dr Deepak Garg
4. Prof. Sharbani Bhattacharya
5. All committee members of PR&PSC

I am reproducing call for articles notice here again for your ready reference and also with a request to Prof. (Dr.) Subrata Mukhopadhyay to recirculate it to IEEE members.

Call For Articles

Prospective authors are invited to submit articles not exceeding 2500 words for publication in the **forthcoming** issue of Beacon - **The Annual M**agazine of the IEEE Delhi Section.
The last date of receiving articles is Dec. 15, 2011.

Please visit
http://www.ieee.org/portal/cms_docs_iportals/iportals/publications/authors/transjnl/auin

[fo07.pdf](fo07.pdf)
to see guidelines for author.

Thanks,

Dr RGS Asthana
Chairman
PR&PSC

At the request of Daman on Nov 15, 2011
Electronics Bazaar -
How to enter solar grid business
(http://www.electronicsb2b.com/home-
page-splash/how-to-enter-solar-grid-
business/)
Posted On November 11th, 2011
By Richa Chakravarty
The launch of the Jawaharlal Nehru National Solar Mission (JNNSM), which envisages the generation of 20 GW of power by 2022, has given a big impetus to the solar energy market in India. To accomplish this, the government is taking all necessary steps to boost both grid and off-grid solar segments.

By December 2010, 30 companies were granted permission to generate 5 MW each, adding up to a total of 150 MW of grid connected solar PV power. An additional 350 MW of solar PV power projects will be allotted during 2011-12. For Stage II of the Mission, the minimum capacity of a single PV plant is restricted to 5 MW while the maximum capacity has been raised to 20 MW. To tap the potential of this technology, there needs to be a combined effort on the part of the solar power players and the government. While, on one hand, the government needs to create an ecosystem to develop the segment, the players need to

develop the right technology to ensure financial returns, while maintaining quality.
As a result of the Mission and the successful completion of the first stage, it is expected that solar PV-based power plants will become an exciting business opportunity. Building a solar grid connected plant and selling energy to 'obligated entities' as defined by the Central Electricity Regulatory Commission under the Renewable Power Obligation (RPO) rules, is fast emerging as a good investment option.

SCOOP

(*extract from October 2011 issue as received on 31st October*)

IEEE Members Select Peter W. Staecker as 2012 President-Elect

Peter W. Staecker, AMP M/A-COM (retired), has been selected as 2012 IEEE President-Elect. Pending acceptance of the Tellers Committee report by the IEEE Board of Directors on 20-21 November 2011, Staecker will begin serving as IEEE president on 1 January 2013. He will succeed 2012 IEEE President Gordon Day, National Institute of Standards and Technology (retired), Boulder, Colorado, USA.

The other candidate for 2012 IEEE President-Elect was Roger D. Pollard, The University of Leeds, UK, Agilent Technologies, Santa Rosa, California, USA. Both candidates were nominated by the IEEE Board of Directors.

The following individuals were elected to the Office of IEEE Region Delegate-

Elect/Director-Elect, 2012-2013:

- Region 1 - Vincent P. Socci
- Region 3 - Mary Ellen Randall
- Region 5 - J. Derald Morgan
- Region 7 - Amir G. Aghdam
- Region 9 - Norberto M. Lerendegui

Review the complete 2011 IEEE Annual Election results.

Enhanced Senior Member Application Launched

Effective 29 July 2011, IEEE Admission and Advancement launched a new Senior Member Application. The new application includes numerous enhancements, based on feedback from volunteers and members, including:

- New user friendly format / design
- Secure environment (need IEEE Web account)
- Ability to save application in "dra! ft" form
- Ability to upload resume or Curriculum Vitae (up to 3 MB)
- Applicant can view application online
- Applicant can view status of requested reference forms
- References will be notified by email to provide applicant reference

- References will have the ability to view their completed reference form(s)
- Real time application status

The goal is to provide prospective Senior Members with an easy to use and intuitive interface, while streamlining internal operations at the same time. View the new Senior Member application.

IEEE Awards Program Announces Call for 2013 Nominations

For almost a century, IEEE has bestowed technical field awards on individuals in recognition of their contributions and leadership in specific fields of interest to IEEE.

Nominations for the 2013 IEEE Technical Field Awards can be initiated by any individual who can clearly describe the work of the nominee and its significance. An award candidate need not be an IEEE member, but the nomination must meet specific criteria and describe an important contribution to the field of interest covered by the award. Submissions will be accepted through 31 January 2012. Learn more about the IEEE Technical Field Awards.

IEEE Publication Services and Products Board (PSPB) Newsletter

The third 2011 issue of the IEEE Publication Services and Products Board (PSPB) Quarterly Newsletter is available. It

was created to help better serve editors of IEEE periodicals, Society officers, and staff. Each issue communicates timely information related to IEEE PSPB initiatives and general business to help you stay abreast of progress being made. It will also let you know in which areas your attention, assistance, and support may be helpful. This issue's headlines include:

- IEEE Publications & IEEE PSPB presence at IEEE Sections Congress 2011
- Over three million documents found in IEEE Xplore® as pace of technical contributions accelerates
- Tsinghua science and technology now distributed through IEEE Xplore®
- New and improved The Institute Online is released
- Understand how to get published

October IEEE Smart Grid Newsletter Published and IEEE Smart Grid Web Portal Re-launched

The IEEE Smart Grid Newsletter, in conjunction with the newly redesigned IEEE Smart Grid Web Portal, are valuable communications vehicles for highlighting the IEEE Smart Grid initiative and disseminating knowledge to a broad, international audience. The October issue of the IEEE Smart Grid newsletter addresses the consumer side of the grid and surprisingly far-reaching implications of communications on grid stability.

The new conception of the IEEE Smart Grid Web Portal delivers fresh, engaging information and views from IEEE experts across the broad Smart Grid plane. Stay current on Smart Grid developments. Access October and earlier issues of the IEEE Smart Grid Newsletter or subscribe to the RSS feed.

IEEE Members Benefit from Media Coverage through IEEE Public Visibility Initiative!

As an IEEE member benefit, the IEEE Public Visibility Initiative, a global and multi-year communications program seeking to raise IEEE's visibility and increase public interest in the engineering profession, recently secured media interviews and bylined articles for IEEE members. These IEEE references build on IEEE's credible reputation with the public, while simultaneously positioning IEEE members as industry experts and enhancing their reputation with industry and local peers. For a listing of recent IEEE media coverage, go to IEEE in the News.

Recent global coverage member highlights include:

- 9 October 2011, IT Web, Brazil: IEEE Senior Member Joao Antonio Zuffo, engineer, teacher and researcher at Polytechnic University of Sao Paulo, discusses How Nanoscience Could

Change Technology with Its Newest Applications. (Portuguese version)

- 7 October 2011, Women in Technology, UK: Teresa Schofield, WIE Coordinator IEEE UK&RI Section, discusses the need for governments to do more to encourage further opportunities for women in engineering.
- 4 October 2011, Electronic Payments International, UK: Professor Steve Furnell, Senior Member of IEEE, contributes to an article on Multi-Payment Platforms and Security, noting that consumers are making purchases via non-traditional channels like mobile phones, so user verifications at the front end of a transaction are now becoming standard.
- 3 October 2011, Nikkei Electronics, Japan: President-Elect Gordon Day, IEEE President-Elect, discusses the association's global strategic vision and activities in Japan in this interview. Read the Japanese version or English version.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE

(November 28, 2011)
Total: 4396

Affiliate	Active	27
Associate Member	Active	61
Fellow	Active	6
Graduate Student Member	Active	329
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	5
Life Senior	Active	15
Member	Active	1084
Senior Member	Active	172
Student Member	Active	2691

◆IEEE

vol 11 no 12
December 2011

From the desk of ECC

My dear esteemed Members,
With the joyous note we are welcoming new year 2012 with strength over 4600 and promises for more and more quality activities in the coming year. Section Exec Com Slate for 2012 has already been circulated on Dec 14, 2011. The concerned notice has been repeated here too. We are going to have our Annual General Meeting of the Section on Feb 05, 2012 (*Sunday*) at India International Center (Annexe), detailed agenda of which will be circulated definitely by mid-January 2012. So keep that date reserved for your participation.

With best regards and wishing all very happy and prosperous new year,

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
December 31, 2011 (*Saturday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System, then login with User Name and Password, and View Existing Meetings / View Published Meetings for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

However, for your direct & short-term info- January 03, 2012 (*Tuesday*) at 17-00 hours in the Committee Room of Electrical Engineering Dept, IIT Delhi (Block II-241, 1st Floor) - A seminar by Dr. Kalyan K. Sen, IEEE PES Distinguished Lecturer, USA on "FACTS Controllers and Their Modeling Techniques Part-II"

Forthcoming Conferences

This is the First Announcement for the *Joint Science Academies Lecture Workshop On Frontiers in Science & Engineering - Opportunities for Graduates* organized jointly by Deen Dayal Upadhyaya College, University of Delhi, New Delhi and IEEE EDS Delhi Chapter, New Delhi.

The Lecture workshop is sponsored by Indian National Science Academy (INSA), New Delhi, Indian Academy of Sciences (IASc), Bangalore and National Academy of Sciences India, (NASI), Allahabad.

The workshop is scheduled during **February 17-18, 2012** at **SP Jain Centre Auditorium, University of Delhi South Campus, Benito Juarez Road, Dhaula Kuan, New Delhi.**

There is no Registration Fees for attending the workshop.

As the seats are limited i.e. 200 only so interested students/ faculty members are requested to pre-register for the workshop by sending the information in the attached EXCEL file to me **latest by January 07, 2012.**

Dr. Manoj Saxena
Coordinator - Workshop
(msaxena@ieee.org)

*2012 IEEE Fifth India International Conference on Power Electronics (IICPE 2012)
December 06-08, 2012
Delhi Technological University, Delhi, India
(Co-sponsored by IEEE PELS-IES Delhi Chapter & IEEE PES-IAS Delhi Chapter,)
(*subject to approval of IEEE*)

2012 IEEE Fifth POWER INDIA Conference (PICONF)
December 19-22, 2012
Deenbandhu Chhotu Ram University of Science & Technology, Murthal Delhi-National Capital Region, India
(Co-sponsored by IEEE PES-IAS Delhi Chapter, & IEEE PELS-IES Delhi Chapter)
(reference: IEEE Record # 20339)

Repeated Announcement of IEEE Delhi Section Exec Com Slate for 2012 as per IEEE DELHI SECTION BYLAWS ARTICLE- VI: para 6.2 (http://ewh.ieee.org/r10/delhi/bylaw.html)

No. IEEE/Delhi-11/32

December 14, 2011 (*Wednesday*)

My dear esteemed Members of IEEE Delhi Section,

I am glad to inform you that the Section Nomination Committee headed by Dr V R Singh and with Prof S C Dutta Roy, and Er

Harbans L Bajaj as Members recommended the IEEE Delhi Section Exec Com Slate for 2012 as attached. The same was reported by Dr Singh in the Section Exec Com Meeting of the day that took place in the Committee Room of CARE at IIT Delhi. In this context referring to the **IEEE DELHI SECTION BYLAWS ARTICLE- VI: Nomination and Election of Section Executive Committee**, your attention is being drawn to *the following text*.

6.2 The nominations of the Nomination Committee will be announced to the Section Membership and, following this, a minimum of 28 days allowed for additional nominations by petition. To be valid, the petition must be signed by 25 or more voting members.

For the said purpose please consider the current message as the concerned announcement. However, it may be repeated through various media subsequently in the form of reminder along with the indication of exact date of next **Annual General Meeting**. The latter as of now has been decided to be **on 05-Feb-2012 (Sunday) at IIC** (India International Center, 40 Max Mueller Marg, New Delhi – 110003), subject to availability of the concerned venue.

Thanks & warm regards / best wishes.
Subrata

IEEE Delhi section: EC-Slate for 2012

   Position   Name
1. **Chairperson** Prof . Siban K. Koul
2. **Exec Vice Chairperson** Prof. Bhim Singh
3. **Vice Chairperson** Prof. Mini S. Thomas
4. **Secretary** Dr. Sukumar Mishra
5. **Jt. Secretary** Mr. Piyush K. Gupta
6. **Treasurer** Dr. Prerna Gaur
7. **Past Chairperson** Dr. V R Singh
8 **Member** Mr. Daman Dev Sood
9. **Member** Mrs. Rachana Garg
10. **Member** Mr. Ravindra Joshi
11. **Member** Prof. Abdul Q. Ansari
12 **Member** Dr. Shabana Urooj
13. **Member** Dr R. G. S. Asthana
14. **Member** Prof M N Hoda

15. **Member** Mr. Nitendra Rajput
16. **Member** Mr. Ayush Jain

Dr. V R Singh Prof. S. C. Dutta Roy H.L.Bajaj
Chair   Member   Member

Nomination Standing Committee

Report for Inaugural Program of IEEE MITS Student Branch

The inaugural Ceremony of IEEE MITS Student Branch was held on 29th November'2011 at faculty of Engineering and Technology, Mody Institute of Technology and Science(MITS). This was organized by Faculty of Engineering and Technology,MITS and IEEE MITS student branch. IEEE MITS Student branch was inaugurated by *Prof. V.R.Singh, Distinguished Professor of NPL New Delhi,Ex. Chairman of IEEE Delhi Section and Vice Presidentof Ultrasonic Society of India. Vice-chancellor of MITS and Dean of Faculty of Engineering & Technology was also present during the inaugural program.The theme of this program is for* General awareness of IEEE for Technological research, innovations, and ideas among the girls

engineering students of MITS. *More than 100 UG and PG students and 25 nos faculties have joined this program. This program was started by Saraswati Vandana and then followed by lighting of lamps and cake cutting ceremony by Chief Guest, Prof. V. R. Singh. Then he delivered a very impressive technical lecture. He has addressed mainly the importance if IEEE ,benefits of IEEE student membership and IEEE quick facts. He has also delivered a technical lecture on technological development in advanced sensors and the design of sensing materials. MITS students were very inspired by his valuable speech and innovative research. Vice- chancellor of MITS, Prof. N. V. Subba Reddy also highlighted to our students the importance of IEEE and how to use IEEE as a platform for career development in engineering. Prof. P. K. Das, Dean MITS also addressed the students regarding the rules and member resources of IEEEE and how to proceed in the right direction for technological development and innovative research. Then two Members of IEEE MITS Student branch also presented a PPT regarding an Insight of IEEE and its MITS Student branch. Then it was concluded by Vote of thanks by Prof. Alok Kole.*

Prof. Alok Kole
Vice-chairman,IEEE MITS Studentsbranch
Faculty of Engg. & Technology
Mody Institute of Technology and Science (Deemed University)
Lakshmangarh,Di-Sikar
Rajssthan
Dec 2, 2011

Through Daman

On TECS Week 2012 - Registrations open 6th Dec'11

The 2012 TCS Excellence in Computer Sciences Week (TECS Week) will be held from January 9 -13 January 2012 at the Tata Research Development and Design Centre in Pune, India. **TECS Week** is organized to bring the highest quality education in Computer Science to the most gifted young computer scientists in developing countries.

The topic for TECS Week 2012 is:
Cyber-Physical Systems.

Cyber-Physical Systems is the focus of this year's TECS Week. Cyber-physical systems integrate traditional information and computation with physical entities and processes such as buildings and cars. Although cyber-physical systems have always existed, e.g., machine assembly robots in automobile industry, what is emerging is a world in which cyber-physical systems are moving beyond niche areas and laboratories, and becoming complex, pervasive, personalized, and dependable. In this course world-class researchers will introduce some areas in which new CPSs are being conceived and developed, the drivers for development, emerging challenges and opportunities, and approaches being proposed. In particular, it will cover research in mobility (autonomous vehicles and personal robots), energy (smartgrid), and living spaces (smart buildings and cities). The course will also feature invited lecturers who will cover progress in Indian academics and industry in this broad area.

We have an excellent set of speakers for this event from across the globe. The speakers include:

Guruduth Banavar, IBM Research, USA
Vijay Kumar, Univ. of Pennsylvania, USA
Prashant Shenoy, University of Massachusetts, USA

We invite you and others in your organization to participate* in TECS Week 2012. TECS Week is targeted at young postgraduate and research students, faculty and young professionals from research institutions and industry. There are **no fees** for participation in TECS Week.

(*Total no. of attendants are limited to 75. The selection committee will review and shortlist the final list of attendants)

IMPORTANT DATES:
Deadline for submitting an on-line application for participation in TECS Week: December 18 2011
Notification of acceptance: December, 21 2011

I have enclosed a leaflet that gives an overview of TECS Week 2012. For further details of TECS Week 2012 and to submit an application for participation, please visit: http://www.tcs-trddc.com/

TECS Week is brought to you by the TCS' Co Innovation Network (CoIN)™ and TCS Innovation Lab – TRDDC.

We look forward to active participation from your team in TECS Week 2012

With best wishes,
Yours sincerely,
Prof. Harrick Vin
TECS Week 2012 Committee

As reported by Daman on Nov 30, 2011

(extract from BCSWomen report on the EU

Gender Summit)

The GENSET conference in Brussels last week was the first to be held on an European basis and looked at all aspects of support for women in the STEM (Science, Technology, Engineering and Maths) professions, both in academia and in business, although the focus was clearly on the careers and prospects of women working in Universities and research institutions.

The quality and intellect of the women delegates and speakers was clear to see, and it was really a pleasure to be amongst a group of people who have the same aims and aspirations for women as we do. We include here some of the key statistics and facts that struck us as new or meaningful, and a short writeup of the breakout sessions that we attended. Please bear in mind that our notes were rushed, so we hope to be accurate on what we report here but there are probably a few errors!

Keynote

Marje Markarow, the director of the European Science foundation, gave a keynote which left us with some startling figures; this was followed by EU Commissioner for Research and Innovation Máire Geoghegan-Quinn speaking via video link.

Stats, Facts and soundbites

❍ Marie Curie was awarded 2 Nobel Prizes and they would not let her into the French Academie of Sciences!! Also, she managed all that with two kids!!
❍ Of 813 Nobels, only 25 were women.
❍ In 2010 only 9% of EU Advanced Grants for research were to women.
❍ Today, greater than 50% of PHDs in the EU are women
❍ Finland insists on quotas, and they achieve a handsome 20% publicly funded research going to women with 23% female professors
❍ If the EU is to see 50% female professors, it is estimated it will take 400 years to get there at the rate we are going
❍ Women make up 59% of graduates in the EU, 78% in Poland, and 56% in Norway
❍ The Dutch are trialling courses in self esteem for school children
❍ 45% of EU PhD Grads are women, but only 30% of those in a research career.[1]
❍ Gender should cut across research, not be "in a box in the corner"

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1 Turns out the most recent stats on PhD grads say 47.5% are women so the two keynotes disagreed but we can put it down to a rounding error!

Breakout: Collaborative Strength – Working Better as Teams [GA]

The session had three speakers, the first an exec from Unilever, the second two being academics.

The woman from Unilever talked about how the company was convinced that there was better productivity and creativity from diverse teams and said that in Latin America where there was a far better gender mix on the research teams, they found that they were more creative and more able to give what the customer wanted. In fact, it was stressed that since 83% of purchasing decisions were from women, it was imperative to have women on the teams to ensure that they could reflect the customer requirements. Unilever were clear that they lost professional women between the ages of 30-39 and therefore before they reach Director level. The reasons they gave were

> Family and Social Pressures
> Work Pressures
> Poor Career Support
> Isolation and lack of role models

They have therefore worked hard over the last decade to remedy this situation adding career support at the critical ages to stop 'self selection out'. They have initiatives to; gather insight on women, mentor women, support neworking, help women to own their own career, and make sure that all employees understand the importance of diversity.

Of the two academics, the last one, was, for me – the best of the pair. He covered the economic benefits of having women in the workplace. He had a figure which suggested that the drop off of highly trained women in the labour market resulted in the loss of between 1.3-2% of GDP for a country! He was also an advocate of 'Hard Edged Targets' and suggested that we need to agitate strongly and make sure we have tight targets and quotas because things are just taking too long! One of the bright spots of his talk was the fact that one of the UK's medical research bodies (one which awards grants for research) has agreed that they will not award research funding to a

university unless it has reached Silver level on the Athena Swan standard – which is great news. I think I am going to have to go and see the Technology Strategy Board about this!!!
http://www.athenaswan.org.uk/html/athena-swan/

Breakout: Leveraging Policies and Legislation – The Norwegian Experience [GA]

This session included lots on the 40% target for women's participation on publicly listed company's boards. They are now starting a debate about whether privately owned limited companies should come under the same target. Fathers in Norway are entitled to 12 weeks paid leave when a child is born. Because they lose it if they do not take it, lots of men are taking the leave. The outcome of this is that employers are no longer worried about whether a woman will take time off for having a baby, because men do too! This means that employers are more inclined to look at both sexes more equally for recruitment purposes.

Norway has a charter which ensures that all institutions which receive research funding must lay out how they meet the code (on diversity) and there are targets to meet on this before funding is given.   Finland has a new program called VINMER which aims to increase the competition and engagement and support for senior positions for under-represented genders (that is for both sides – but will depend on the subject). Individuals on the scheme are supported throughout their research career on a given project and the aim is to get them to the higher career levels.

The bit I really liked was the Norwegian Minister saying that you couldn't just start and stop on these programmes – that they had to be funded whatever the administration or no progress would be made.

Breakout: Scientific Leadership – equally valuing the talent of women and men

[HD]

Anders Flodström from European Institute of Innovation and Technology and KTH, Sweden talked about collective leadership development and how we could move from fairness to excellence. What we ask of students today is not what we asked for 15-20 years ago – now we want skills, knowledge, creativity and entrepreneurship, but before we just wanted knowledge. This is a big change. Can we be fair to new researchers coming out of this new regime? Can we be fair to women and to other "non-traditional" (i.e. not white male) groups? There has been a change, turning universities from hotels for researchers into "Knowledge hubs". This seems to be making a difference, in Sweden at least.

Next up was Kevin Dunbar from the University of Maryland who gave a fascinating talk about problem solving strategies in research teams; what Prof Dunbar's team have done is to look at real teams of real scientists doing real science; videoing their weekly meetings, and working out how scientific discovery actually comes about in the real world. The kinds of reasoning that scientists do fall into three broad types – causal, analogical, and collaborative. It's the collaborative reasoning that's interesting, as this is where scientific discovery happens and is distributed over individuals. Dunbar's team found **no difference** in women's' and men's' reasoning when it came to analogical and distributed reasoning. In particular, they'd expected to find that in discussions women might be less likely to challenge, but this was not the case in the teams under investigation. They did find that **there were differences** in the way the genders handled unexpected findings, however. The best performing teams? Well, they were the diverse teams.

Prof. Teresa Rees of Cardiff university was up next, who's a social scientist studying women in science and who's been PVC (director) of research at Cardiff. She talked about diverse leadership styles and the way in which situations can change the appropriate styles. What you used to have to do was to be a lean mean and aggressive leader, but now things are more relaxed, and there are opportunities for women to lead without aping the style of men. One question that is key (and that we returned to time and time again over the course of the conference) is **who decides what constitutes excellence in science?** Rees describes interdisciplinary research as being a good place for breaking down hierarchies and existing structures; if the various discipline representatives have to listen to and respect each other then this can really help. Don't concentrate on what you can do to the women to make them better suited for science, concentrate instead on changing the situation.

Breakout: Excellence and responsibility of Science: gender as a scientific quality value [HD]

Dr Ingrid Wünning Tschol, Senior Vice President and Head of Department "Health and Science", Robert Bosch Foundation spoke about academia-net. Academia-net is a new website in Germany that maps successful women in research, and is set up to challenge the low percentage of women in top research positions. Right now, there are 13% in unis and 9% in research institutions. Whilst Ingrid did not directly support the idea of a quota, she did support the idea of "corridors" of (say) 40-60% [editorial note: I am not sure about the semantic distinction here, surely that's the same as a 40% quota?]. Academia-net is only available in Germany now but it is expanding in the new year across Europe.

Next up was Prof Ineke Klinge, Associate Professor of Gender Medicine, Maastricht University - Gender, Biomedicine and Health. The question here is about making *the gender* question central to all scientific research – particularly health. If all of your lab-rats are male, and your human testers... She talked about the issues surrounding sex & gender actually *in* research, as between 1997 and 2000 10 drugs were withdrawn, 8 of which showed more severity in women.

It's not enough to just identify bias, we actually have to work differently.

Prof Elke Anklam, Director, JRC (Joint Research Centre), IHCP (Institute for Health and Consumer Protection) - Gender Equality in customer driven research based policy support. Elke described the gender position in the JRC, which is a cross-Europe research centre with many organisations, providing technical support to the European commission.

Prof Martina Schraudner, Fraunhofer & Technical University Berlin talked about Involving Industry and markets in the research we do and involving gender at all levels. Many typologies of innovation have "young men" in their enthusiast/early-adopter categories, and women, particularly older women, are seen as being anti-innovation and resistant to change. Investigation of what people actually want shows that women are not resistant to change and innovation – we need to insure that they're involved in the process. Perhaps unsurprisingly, young men are strongly attached to things made by young men.

Other bits about the conference

The poster session was fascinating – there were over 50 posters, describing interventions and policies and all sorts of stuff. You can find the full list with abstracts here http://www.gender-summit.eu/index.php?option=com_content&view=category&layout=blog&id=17&Itemid=30

There was also a "Tweetup" enabling those who'd been contributing to the twitter feed during the conference to put some names to faces; this really helped with networking and it's something I'd like to see more conferences do.

[GA] Hannah did a poster about the Lovelace Colloquium and its objectives, history and successes. She seemed pretty busy chatting with all and sundry, and had to be fetched a beer from time to time!

Conclusions

These are some sentiments that came out again and again throughout the conference, and that we think are take-home messages

- Diverse teams perform better than teams of all men. This is true in business, in innovation, in science, and in management. The gender question affects not only equality but excellence.

- It would have been good to see more men there; the event was about 20% male, and if *the gender question* is only ever addressed by women-dominated groups we're going to stay marginalised in science.

- There are a lack of women at the top: on boards, in committees, in parliament, in decision making roles.

- The serious question is *who defines excellence*. There's a serious risk right now of producing a fantastic piece of research within the gender domain and having it dismissed because it's all about the women – we need to change the structures and get on the boards and committees so we can influence this.

- There are tons of initiatives to support women in male-dominated fields, but finding them all is really hard!

- The power to change things in the Universities comes from the funders (like the research councils) who can grant or deny research funding to universities who do not exhibit gender equal policy adherence (for example – not signing up to Athena Swan would suggest a certain reluctance).

(Gillian Arnold & Hannah Dee, November 2011)

SCOOP

(*extract from November 2011 issue as received on 1ˢᵗ December*)

IEEE Assembly Announces 2012 Corporate Officers/MGA Assembly Selections

The IEEE Assembly annually selects the following five Corporate Officers: IEEE Secretary, IEEE Treasurer, IEEE Vice President, Educational Activities, IEEE Vice President, Member and Geographic Activities, and IEEE Vice President, Publication Services and Products. All are one year terms.

Howard E. Michel was selected as 2012 IEEE Vice President, Member and Geographic Activities. Learn more about the selected Corporate Officers.

vTools.Voting: Online Voting Tool Availability Reminder

Are you planning for your Section, Chapter, or Affinity Group election? The vTools.Voting tool is ready to support your election. Officers can use their IEEE Web Account ID and password to sign in and quickly setup an election. A tutorial is also available. Note that, based on feedback, elections typically have twice the participation when conducted electronically.

vTools News: New Tools, New User Community

A beta version of the new tool to report new geographic organizational unit officers or officer changes has been released. vTools.OfficerReporting enables authorized geographic organizational unit volunteers to submit officer reporting online, providing automatic validation and updates to the central IEEE database. Volunteers can also view existing officers, enter new officers, and remove or replace existing officers. A detailed audit log tracks changes per volunteer and per organizational unit. Should you experience any issues using the beta version of the vTools.OfficerReporting, please report your issue and use the existing officer reporting form (requires Web Account) to complete your officer report.

Brand new vTools user forums have been created to provide a user support engine where vTools users can post questions and receive answers, and learn best practices, tips, and tricks.

WebEx has replaced DimDim as the Web Conferencing service to geographic organizational units for online meetings, webinars, training, demos, and presentations. The WebEx service is available to MGA Board members and MGA Board Committees, as well as Region and Section Executive Committee officers. Register today to use WebEx for your next IEEE event.

IEEE President's Change the World Competition

IEEE President's Change the World Competition started in 2009 as part of the IEEE 125th anniversary celebration. The competition recognizes students who develop unique solutions to real-world problems using engineering, science, computing, and leadership skills to benefit their community and humanity. Over the course of several months, teams submit entries identifying a real world problem and how their project will offer a solution which positively impacts humanity. Winners will receive awards ranging from the grand prize of US$10,000 and the distinction of being

named "IEEE Student Humanitarian Supreme," to runner-up prizes of US$5,000, US$2,500, and US$1,000. Winners of the grand prize will also be invited to accept their awards in-person at the IEEE Honors Ceremony in June 2012. More information on eligibility, rules, promotional material, and a link to registration are available. Registration will close 31 January 2012.

IEEE Life Members Fund - Westinghouse Atom Smasher Milestone Commemorative Coaster

In commemoration of the many engineering feats our members helped make possible, and to recognize donors to the IEEE Life Members Fund (LMF), the IEEE Life Members Committee is offering the Westinghouse Atom Smasher commemorative coaster. This IEEE Milestone was dedicated May 1985, in Pittsburgh, Pennsylvania, USA.

This is the fifth in a series of six limited edition pewter coasters commemorating various historic IEEE Electrical Engineering Milestones. The coasters are available to individuals who donate US$100+ specifically to the IEEE Foundation - Life Members Fund (LMF) from October 2011 to September 2012.

If you do not yet have your IEEE Life Member pin, a gift of US$150 to the LMF entitles you to both the pin and the coaster. One coaster will be given per donor, per year.

The LMF provides grants to new and ongoing projects that benefit potential engineers and engineering students. Your gift will both preserve the memory of the Atom Smasher engineering achievement, and support future technological innovations. Individuals may donate to the LMF when they confirm their annual membership profile or donate online anytime.

IEEE Foundation Elects New President and Officers

Dr. Leah H. Jamieson, IEEE Fellow, was elected to serve as 2012 IEEE Foundation President. The IEEE Foundation Board of Directors met on Tuesday, 15 November 2011, at which time the 2012 officers were elected. Serving with Jamieson are the same slate of officers as 2011, with Arthur W. Winston as Vice President of Development & 1st Vice President, Antonio C. Bastos as Vice President of Grants, Joseph V. Lillie as Treasurer, and Kristi J. Brooks as Secretary.

Dr. Jamieson joined the IEEE Foundation Board in 2009. When asked about her level of commitment, she responds, "IEEE has the

potential to change people's lives, from creating the forums where new ideas are sparked to encouraging young people to become the innovators of the future. I'm grateful for all that IEEE has done for me, and I'm glad to have a chance to give back for all I've gained."

Due to term restrictions, the Foundation Board had to elect a new president for 2012. The IEEE Foundationhas experienced both enhanced stability and growth during Dr. Richard J. Gowen's seven years as president. Dr. Gowen will assist in the transition of leadership by serving one year as Past President. The entire Board will continue to work tirelessly to meet the philanthropic expectations of IEEE and its members with compassion and professionalism; ensuring donations are well invested in providing technological solutions worldwide.

MoUs Required Prior to Conference Approval in 2012

Starting 1 January 2012, all newly submitted conferences requiring a Memorandum of Understanding (MoU) will not be approved (initialized) until the MoU is completed and executed. This applies to financial co-sponsorship and technical co-sponsorship. IEEE Conference Services will perform data reviews, sponsor validation and other

checks, but cannot approve the conference without the MoU. As a result, the conference will not be searchable in Call for Papers or Conference Search features. Please email Conference Services with questions or comments.

Conference Contract Process Change

Effective 1 November 2011, all conference related contracts with a value of US$25,000 and greater will only be executed by IEEE Strategic Sourcing after the conference has been approved by IEEE Conference Services. The standard process for obtaining conference approval with IEEE is as follows:

- A Conference Information Schedule (CIS) is submitted.
- Staff validates and verifies sponsorship (including receipt of an approved MOU, if applicable) and brand use.

Reminder:

- Contracts with a value greater than US$25,000 must be reviewed and executed by IEEE Strategic Sourcing.
- Contracts under US$25,000 must be submitted to Conference Contracts for retention once executed by organizer.

If you have any questions, please e-mail Conference Contracts.

PES Scholarship Plus Award Recipients Announced

The IEEE Power & Energy Society (PES) is pleased to announce the inaugural IEEE PES Scholarship Plus Initiative award recipients. Ninety-Three (93) PES Scholarship recipients have been selected from 51 U.S. universities in 40 IEEE Sections for the 2011-12 Academic year. These scholarships are being distributed through the IEEE Power & Energy Scholarship Fund, which is being used to support the IEEE PES Scholarship Plus Initiative.

These undergraduate students were selected by industry and academic representatives based primarily upon: academic preparation; extra-curricular activities and leadership; interest in engineering in general, and power and energy engineering in particular; and overall assessment of student's potential for a successful power and energy engineering career.

If you have a PES Scholar in your Section please recognize them at a local event. The 2012 Scholarship application will be available in April 2012.

November IEEE Smart Grid Newsletter

Now Available on IEEE Smart Grid Web Portal

The IEEE Smart Grid Newsletter, in conjunction with the IEEE Smart Grid Web Portal, are valuable communications vehicles for highlighting the IEEE Smart Grid initiative and disseminating knowledge to a broad, international audience. The November edition of the IEEE Smart Grid Newsletter shows how superconductor and data analytics technologies will play in the future grid. It also looks at the world's first consensus standard for safety, charging control, and connectors to charge electric vehicles – results of the joint work of IEEE and SAE; and the six driving forces of the next-generation power grid. Access November and earlier issues of the IEEE Smart Grid Newsletter.

IEEE Members Benefit from Media Coverage through IEEE Public Visibility Initiative

As an IEEE member benefit, the IEEE Public Visibility Initiative, a global and multi-year communications program seeking to raise IEEE's visibility and increase public interest in the engineering profession, recently secured media interviews and bylined articles for IEEE members. These IEEE references build on IEEE's credible reputation with the public, while simultaneously positioning IEEE members as industry experts and enhancing their reputation with industry and local peers. For a listing of recent IEEE media coverage, go to IEEE in the News.

Recent global coverage member highlights include:

- 1 November 2011, Chosun Ilbo, South Korea: IEEE Member Cho Kyu-Jin, Professor at Seoul National University's School of Mechanical and Aerospace Engineering, discusses possibilities for advancements in healthcare with his demonstration of a carbon-fiber flycatcher robot. Researchers suggest the metal body could be implanted in a patient with facial paralysis, allowing the recipient to make facial expressions. (Korean version)
- 2 November 2011, FierceSmartGrid, US: IEEE Life Senior Dr. Chuck Adams, Chair of the IEEE Public Visibility Committee and Past President of IEEE SA, shares his vision of new business models that will emerge with Smart Grid.
- 11 November 2011, CIO Insights, US: IEEE Senior Member and IEEE CIO Alexander Pasik weighs in on Cloud Computing's Pros and Cons, particularly between the three cloud service models, IaaS, PaaS and SaaS.
- 14 November 2011, Forbes, US: Vint Cerf, IEEE Fellow and Internet Evangelist, Google, shares his thoughts on what we can do

to encourage students to be excited about science and engineering through interactive programs such as IEEE's tryengineering.org. This is part of a series of articles that will appear on the IEEE-branded Forbes blog. Check out the other IEEE technical experts on the site, and share the page.

SCOOP

(extract from December 2011 issue as received on 31st December)

2011 Annual Reporting and! Rebate Requirements

The 2011 Annual Reporting and Rebate cycle has begun. All Section Officers and Chapter/Affinity Group Chairs have been contacted with a reminder that the following annual reports are required to be eligible for a rebate:

- Meeting Report Form (L31)
- Officer Report Form
- 2011 Financial Report (L50)
  - The L50 financial reporting process should be completed within the new financial reporting tool, NetSuite. Additionally, units that maintain a local bank account (i.e., not an IEEE Concentration Bank

Account) must also submit the Bank Account Disclosure Form.

Forms should be completed and submitted as soon as possible, but no later than 31 March 2012. A 10% rebate bonus will be made to units that complete the reporting requirements by 17 February 2012. Additional information on the 2012 Rebate Schedule is available. Please e-mail MGA Staff with questions.

2011 MGA Award Recipients Announced

At its 19 November 2011 meeting, the IEEE Member and Geographic Activities Board selected the following 2011 MGA Award recipients:

- **MGA Larry K. Wilson Transnational Award**
  o Roland J. Saam (R8 - U.K. & Rep. of Ireland Section): "For exemplary service and significant contributions over many years, particularly developing and maintaining the distinctive IEEE Region 8 News, which fosters collaboration and

engagement across three continents."

- **MGA Innovation Award**
  o Jesus Daniel Sanchez Ruiz (R9 - Peru Section): "For outstanding efforts towards IEEE student engagement in Latin America through the development of the MORE IEEE."

Also selected were recipients for the MGA Leadership, Achievement, and GOLD Achievement Awards. For a complete list of recipients and additional information, visit the MGA Awards Web page.

IEEE Honors 2012 Class of Fellows

The IEEE Board of Directors has elevated 329 IEEE Senior Members to Fellow grade effective 1 January 2012. The IEEE Grade of Fellow is conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest. The total number selected in any one year cannot exceed one-tenth percent of the total voting membership. IEEE Fellow is the highest grade of membership and is recognized by the technical community as a prestigious honor and an important career achievement. View the 2012 Fellow Class and other past classes.

The nomination period for the 2013 Fellow Class is now open and will continue through 1 March 2012. Nominee eligibility, requirements, steps to becoming an IEEE Fellow, and nomination instructions can be found on the Fellow Web page.

Reminder: Important Conference Changes

Several important revisions to conference processes will take effect and impact conference organizers:

- Conference related contracts with a value of US$25,000 and greater will not be executed by IEEE Strategic Sourcing until the conference has been approved by IEEE Conference Services.
- All conferences requiring a Memorandum of Understanding (MoU) that are submitted in 2012 will not be approved until the MoU is completed and executed.
- Approval required for MGA OUs co-sponsoring with non-IEEE entities, starting 1 January 2012. Subsections, Chapters, Affinity Groups, and Student organizations must obtain approval from their Section prior to granting financial co-sponsorship or technical co-sponsorship to conferences involving non-IEEE entities. Geographic Councils must seek approval from their Region.

Please e-mail Conference Services with questions or comments.

2012 POCO Location and Dates Announced

During the November IEEE Meeting Series, the IEEE Conferences Committee selected Budapest, Hungary, as the location of the 7th Panel of Conference Organizers (POCO). Budapest, known as Paris of the East and The Pearl on the Danube, will be a wonderful host city. The team is looking forward to returning to Region 8 and having the opportunity to meet many new conference organizers, share new developments, and learn from you. Please hold 19-21 July 2012 on your calendars and watch for more information on registration and program. If you have suggestion on topics or speakers, please e-mail Susan Root.

December IEEE Smart Grid Newsletter Now Available on IEEE Smart Grid Web Portal

The December edition of the IEEE Smart Grid Newsletter is now available on the IEEE Smart Grid Web Portal, and it marks the last issue of its inaugural year. This 12th issue features the University of Minnesota's "Smart Grid Sandbox" microgrid and highlights the Kentucky Smart Grid Roadmap Initiative. It also includes articles on Broadband over Power Line and optimizing the power system's technical and management layers. Access December and

earlier issues of the IEEE Smart Grid Newsletter or subscribe to the RSS feed.

IEEE Members Benefit from Media Coverage through IEEE Public Visibility Initiative

As an IEEE member benefit, the IEEE Public Visibility Initiative, a global and multi-year communications program seeking to raise IEEE's visibility and increase public interest in the engineering profession, recently secured media interviews and bylined articles for IEEE members. These IEEE references build on IEEE's credible reputation with the public, while simultaneously positioning IEEE members as industry experts and enhancing their reputation with industry and local peers. For a listing of recent IEEE media coverage, go to IEEE in the News.

Recent global coverage member highlights include:

- 28 November 2011, It Web / IEEE Blog: Talking about Technology, Brazil: IEEE member Anderson Rocha writes about the advancements made in digital forensics in the 21st century. The low cost and the advancement in technology for current image-capturing devices, combined with more interconnectivity capabilities, brings benefits never before seen in our society. However, they also come with negative consequences such as an increase in the circulation of falsified documents. (Brazilian version)

- 29 November 2011, Bank Info Security, UK: Jeffrey Voas, IEEE Fellow and a computer scientist at the National Institute of Standards, Kevin Curran, IEEE Senior Member and head of the School of Computing and Intelligence Systems at the University of Ulster in Londonderry, and Madjid Merabti, IEEE Senior Member and professor of networked systems at Britain's Liverpool John Moores University, share their insights in the Government Information Security Blogs regarding the prediction that 2012 will be a disruptive year of widespread mobile hacking.

- 30 November 2011, China5e.com, China: IEEE Senior Member Professor Mei Sheng Wei shares insights on how Green Innovation and Low Carbon Development are driving global economic development. The article reviews new trends in low carbon development, namely that it is becoming a cross-industrial as well as collaborative effort across countries. (Chinese version)

- November/December 2011, Forbes Blog, US: Vint Cerf, IEEE Fellow and vice president and chief Internet evangelist for Google, provides his thoughts on what we can do to encourage students to be excited about science and engineering through interactive programs such as IEEE's tryengineering.org. Other blog posts by IEEE members can be viewed at the IEEE Insights web page.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE
(December 31, 2011)
Total: 4649

Affiliate	Active	26
Associate Member	Active	61
Fellow	Active	7
Graduate Student Member	Active	351
Honorary Member	Active	3
Life Fellow	Active	3
Life Member	Active	5
Life Senior	Active	15
Member	Active	1109
Senior Member	Active	175
Student Member	Active	2894