Message from Chairman

Dear Members,

I am sure that you would have enjoyed reading the January issue of the Newsletter of India Council. I congratulate Mr.H.R.Mohan, the Newsletter Chair for having brought the issue in an excellent manner with a lot of information to the members.

India Council is planning to serve the IEEE community in India through more meaningful programs and activities. As you all are aware the Mission of IEEE is to foster technological innovation and excellence for the benefit of humanity. It is time for us to understand the issues prevailing in India and to think how India Coucil could provide solutions to such issues for the benefit of humanity.

In India, as per NASSCOM survey, only about 25% of Engineering Graduates are employable. There is a wide skill gap among the graduates between what they learn in the Institution and what the Industry needs. We should think in what way IEEE India Council and the local Sections could help in addressing this issue. The real problem in India is that there is no good collaboration between the Industries and Institutions. As we all are aware, the India Council and the Sections have a number of Technical Society chapters involving Industries. I strongly believe that IEEE Technical Societies could adopt Institutions in their areas of specilisation and involve Industries to provide skill based training to the students in a planned manner. I appeal to the India Council Vice-Chairs responsible for the Student Activities, Professional Activities, Technical Activities, Educational Activities and Industry Relations, and the Section Chairs to take initiatives in this direction and encourage the IEEE Societiy Chapters operating in their respective zones.

There is another problem in the Education sector in India. Only about 13% of those pass out in +2 go for higher education. The rest 87% are left on the streets with no skills/education for employment. In an era of IT, if these students are given training in IT based skills during their school education say, from the 5th to 12th standards,. they will be able to take up jobs in the IT Enabled Services sector, even if they cannot go for higher education. I introduced computer based courses in the name "SUITS" in Bharathidasan University and in the name "SUCCESS" in SRM University. The International Institute for Career Development (IICD) is offering a similar course in the name "ITSUITS". I believe that such courses with IEEE Certification will add value for gaining employment. I have already discussed about this with the Director, IEEE India Operations. If this scheme comes through, I request the Chairs of Sections and Society chapters to adopt the same for implemetation.

I have been requesting the Section Chairs to provide me with the latest membership details of their Sctions. While some have given, many have not. I again appeal to all the Section Chairs to provide such details in their respective Section websites. I have also requested the India Council Chair for Website Administration to update the IEEE membership details in India in the India Council website. I request all to cooperate in making the websites of India Council and the Sections more infomative.

I thank you all for the support to the IEEE activities and looking forward to your continued support and inputs.

With kind regards,

M. Ponnavaikko

Message from Editor

H.R. Mohan
hrmohan.ieee@gmail.com
Blog: http://infoforuse.blogspot.com

IC Newsletter, IEEE India Info (III) thanks the readers for their encouraging feedback on the contents and the format of the newsletter. The response for the TechQuiz was overwhelming. Soon we will have more prizes as quite a few sponsors have come forward to offer additional prizes. Dr. Krishna V. Prasad, one of our senior members has suggested for a sleek and hyperlinked newsletter. We will, from the current issue onwards, will provide a web interface for the contents so that one need not download the full newsletter to read an item of his interest.

Our Chairman, Dr. Ponnaviakko in his message has highlighted about the employability issues and re-emphasized the need for skill development. Let us work on a priority basis to address the employability of our members, in particular student members.

III congratulates our Fellow Dr. Sankar K Pal, former Director of ISI Kolkata for being selected for the "Padma Shri" award. We are sure many of our members would have received awards and recognitions. Pl. share the information with us to inform others.

III seeks contributions from members of IEEE OUs to share it among larger readership of our India Council members numbering about 47,500. Broad guidelines to submit matter for publication in III is available at http://goo.gl/dzSIJ Pl. send the matter by email to ieeeindiainfo@gmail.com on or before 7th of each month for inclusion in the same month newsletter. In this issue, event reports from Kolkata and Madras Sections appear. We look forward to receive inputs from other Sections.

This issue of III has contributions from eminent educationalists. Dr. Ilango, former VC of Bharathiar University has written a poem on "The Art of Lecturing" and Prof. L.N. Mittal, former Professor & Head, Curriculum Development Centre, TTTI, Chandigarh and current Director QIP, Geeta Institute of Management and Technology, in his article, has highlighted the improvements needed in the Technical Education.

The regular columns -- Prof. Sadagopan's monthly summary of IT related happenings and the compilations under "Information Resources' will interest our members. We request our readers who come across interesting resources to share them with us so that we can include them in this compilation to reach more members.

Many of our technical institutions do not have experienced and qualified staff to the extent needed. Experienced industry professionals who have liking to teaching can bridge this gap. In this context, we wish to enlarge the existing list of Distinguished Speakers. Volunteers for this initiative are welcome. Also, we request the industry professionals to share their experiences in the form of case studies which would be useful to the young engineers and student members.

The announcements column has a no. of items which would interest our members. There is a contest announcement from Google which promises attractive prizes. Limited time free offer of a guide book from IEEE-USA. Nominations for MGA positions & GOLD awards.

We draw the attention of our readers to a long list of IEEE & IEEE Societies supported events being held in the near future. Pl. make use of the opportunity to present papers and to participate and get updated with the developments in the event theme areas. If you are involved in organizing an event and interested in getting listed, pl. provide us the

The Art of Lecturing

Dr. B. Ilango
Former Vice Chancellor
Bharathiar University
Coimbatore

Step in time and step in style,
    Bearing all the while a beguiling smile;
Dresses neat and nicely pressed,
    But your mind fully obsessed;
With only the subject of the day,
    To keep all doubts at bay;
Stand tall and trim in the hall,
    And survey at once students all;

As you speak and move,
    Let your eyeballs rove,
So every student feels noticed,
    All through the lecture practiced.
Let high pitched be your voice,
    To suspend the surrounding noise;
Blessed by the sublime soul of Socrates,
    Ask searching questions, to test and tease;

Wandering and ogling eyes beware,
    To refrain listening and escape your stare;
Check them all with questions galore,
    To make them all, ponder and pore;
Stand not a statue on the stage,
    Nor pace like a panther in a cage;
Appear smart and neatly dressed,
    Bear a smile and be not depressed;

A dull and melancholy mood,
    Makes no teaching good;
Write on board with clarity,
    Albeit with many, it is a rarity;
With many a joke to please the folk,
    Now and then let a humour stroke;
Let your lecture be lovable as a song,
    And your notes, a treasure for long;

Speak the language with a flawless flow,
    Unto the audience a countenance glow;
Raised and noble is thy rendition,
    Trade not that high tradition;
Ordained by Almighty to teach,
    Is a chance to empower and preach;
Nothing better is there to beseech,
    Allow not people to impeach;

With your pedagogy profound,
    And knowledge deep and sound;
Struck with an awe extreme,
    Let them develop great esteem;
Give the calling a Godly grace,
    And desist from a mercenary race;
With will and pleasure, bring light and cheer,
    To all the students, Oh young and dear!

Technical Education Needs Improvement

Professor L. N. Mittal
Director QIP
Geeta Institute of Management & Technology
Kanipla, Kurukshetra

After 2001, expansion of Technical Education particularly at the under-graduate level is continuing, throughout the country. There are about 3393 Engineering colleges with an intake capacity of 14.86 lacs students annually. This is causing a mismatch between supply and demand of technical manpower. The graduating Engineers are not getting jobs.

AICTE, Universities and Engineering colleges need to take corrective actions for rectifying the below mentioned flaws in the existing system of Technical Education. Ministry of Labor, through Director General Employment & Training needs to introduce mandatory non-formal Skill Development Programmes on a war footing in all Engineering colleges for providing employable skills to community youth.

This author collected feedback from 1250 engineering teachers, regarding the current status of Technical Education. Majority of students join engineering colleges because of the glamour attached to degree in our country. It has been revealed that there is increasing absenteeism and indiscipline in most of the Engineering colleges. Over 40% students do not attend classes on a regular basis. Further**,** 50-60 % students joining B.Tech programmes are of lower merit.

The study further reveals that teaching-learning process in a majority of Engineering colleges is theoretical and bookish, devoid of its linkages with field practices. Practical work in laboratories and workshops is not given desired seriousness because the system of examination is primarily paper-pencil test with lot of emphasis on rote learning asking students to 'solve five questions out of eight' like the practice prevailing in Arts colleges. Majority of the students are not serious about practical training and they bring fake certificates of having undergone such training. The same is the case with project work, which is repeated year after year and in many cases, it is based on the information downloaded from the internet. It is also not feasible to provide project assignments for an intake of 120 students in majority of disciplines.

This unprecedented expansion has created a staff deficiency resulting in deteriorating the quality of Technical Education. A majority of graduates coming out from the system are deficient in conceptual understanding of concepts and principles, design and drawing skills, estimating and costing skills, analytical abilities and managerial/soft skills. This author interacted with number of experienced professionals in the field of Academia and Corporate world to ascertain their opinion regarding revamping technical education system. Some of the suggestions which have come to light are given below:

1. The mushroom growth of engineering colleges purely being opened/run for commercial motives should be stopped. The focus should be to stabilize the system with specific reference to availability of students, faculty and quality of technical manpower required. To consider limiting the intake of 60 students in each discipline with at least 60% marks at 10+2 level. This is being suggested so because industry, by enlarge, do not hire graduates below this level for employment.

2. The quality of M.Tech. & Ph.D. programs being offered by several institutions should be evaluated with specific reference to faculty teaching these courses and type of research work being done by such institutions.

3. There is a need to revise the curricula of engineering programmes making these industry-oriented and practice based. While revising the curricula, it should be kept in mind that laboratory and workshop experiences may match with the professional life of engineers and avoid routine type of experiments which are mostly the verification of laws which have already been established.

4. It is also essential that the faculty working in the engineering colleges should be exposed to industry in a phased manner so that they are able to relate the instruction with actual work-bench requirements. The faculty should also be given induction training and continued exposure in pedagogy for logical and chronological delivery of instructions.

5. Teaching-learning process in the engineering colleges should lay greater emphasis on graded laboratory and workshop experiences, discovery learning, research work, prototype development, developing processes and systems, disassembly-assembly experiences, provide live and meaningful project work to the students to develop their problem-solving skills. Computer aided learning packages, virtual/simulated laboratory experiences etc. can also help a great deal to avoid boredom and making teaching-learning process more students centered.

6. In the absence of senior faculty with requisite qualification and experience at the Professors and Associate Professor levels, the system is being managed by fresh graduates / post graduates. To combat this problem extend faculty retirement age to 70. Waive PhD qualification requirement in case of professionals from the Corporate world for senior faculty positions in the Engineering colleges.

7. Current system of examination consumes lot of time and is also dominated by paper-pencil type examination. Appoint a working group to deliberate on the issue of bringing improvements in the system of examination at the under-graduate level to develop desired competence in the students.

8. Each engineering college should mandatorily offer non-formal skill development program for the benefit of the community and the weaker sections of society.

9. For better long-term planning, the State Governments may consider appointing Secretaries/Directors of Technical Education for a minimum term of five years

IT in January 2013

Prof. S. Sadagopan
Director
IIIT-Bangalore
s.sadagopan@gmail.com

General

- *Kumbh Mela* started on January 14 at Allahabad with 84 lakhs (8.4 million) visitors on a single day; the world's largest congregating event will go for another couple of months
- India manages two years (2011 & 2012) of no polio incidence!
- Noted Carnatic musician Bombay Jayashri composed lullaby in "Story of Pi" gets eleven Oscar nominations
- Railway fares go up after decades on January 9
- US President Obama begins his second teem on January 20; US gets past the "fiscal cliff" on January 1 helping markets globally
- Pakistan Supreme Court orders arrest of Pakistan Prime Minister on January 15; Pakistan Army kills Indian soldiers on January 8
- Sri Lanka decides to impeach Chief Justice on January 12

Products

- RIM (Research In Motion), the company that makes BlackBerry phones becomes "BlackBerry" in January and launches BlackBerry OS 10 powered smart phones (both "touch" and "keyboard" models) and hopes to arrest its slide in market share in the past five years
- Facebook launched "graph search" on January 15
- Intel (along with Queens University and Plastic Logic) announces "Paper Tablet" in CES (Consumer Electronic Show) held during January 8-11, that is likely to change our view of tablet and notebook computers in the next decade
- Nokia launched Lumia 920, 820 and 620 in India on January 10; Nokia's Symbian operating system is officially dead on January 24
- Microsoft launches Office 365 (Cloud-based Office with yearly subscription of Rs 4,199) in India on January 30

Markets

- India's stock exchange index, Sensex touches 20,000 on January 15 after a gap of 2 years
- TCS posts great results; 26% profit growth and quarterly revenue of $2.95 billion; the company plans to add 60,000 people (50,000 added in 9 months and 10,000 more in the next 3 months (January March)
- Infosys posts good results for the quarter and stock markets rallied by 4% on January 14 soon after results; gains $4 billion in market capitalization on January 11
- Global PC shipments in Q3 fall 5%; HP regains No 1 position from Lenovo

- Galaxy S Phones from Samsung cross 100 million mark
- Apple posted revenue of $54.5 billion and quarterly net profit of $13.1 billion for the October December 2012 quarter with sales of 22.9 million iPad, 47.8 million iPhones, 4.1 million Macs and 5.3 million iPods
- Philips decides to exit TV & audio business

Indian IT companies

- Satyam ex Directors win "class action suit" in USA

MNC Companies in India

- Nokia transfers nearly 800 employees to HCL and TCS on January 18
- Ford India to hire 5,000 for its Gujarat plant

Applications

- Karnataka Government launches "mobile governance" on January 10
- IMD (India Meteorology Department) launched its "Weather App" on Android phones on January 15

People

- Dr. Ved Prakash becomes full time UGC Chairman on January 18
- IBM India gets a new head; Vanitha Narayanan takes over from Shanker Annasamy on January 1
- Rajiv Bansal is the new CFO of Infosys
- Dr. Urjit Patel takes over as Dy. Governor of RBI from Dr. Subir Gokarn on January 15

Education & Research

- HP bags the Rs 2,800 crores supply of laptops and tablets to school children in UP on January 23

Telecom

- Mobile service providers Bharti Airtel and IDEA start the trend of raising telecom tariff from January 25, unprecedented for a decade!

Infrastructure

- Kolkata Internationl Airport terminal opened for public on January 20 by President Pranab Mukherjee; Vice President Ansari opened the Chennai Airport terminal on January 31

Some interesting numbers

- Telecom subscriber base on December 31, 2012 stood at 895.51 million with 864.72 million mobile subscribers and 30.79 million wire-line subscribers (with net reduction of 25.88 million mobile subscribers and 0.08 million wire-line subscribers in December 2012) (TRAI Press Release No. 28 dated February 7, 2013)
- India's Foreign Exchange on February 1 at $295.1 billion (RBI)
- Indian Rupee stood at 53.22 against USD on January 31 (RBI)
- Sensex (India's stock market index) on January 31 stood at 19,895 (Moneycontrol)
- 4th quarter (October - December 2012) PC sales; HP 14.6 million, Lenovo 13.9 million, Dell 9.2 million, Acer 8.6 million, Asus 6.5 million and others 37.3 million units
- Apple AppStore had 40 billion downloads with 20 billion in 2012 and 2 billion in December 2012 alone!

News from Sections

Kolkata Section

DIE Society Distinguished Lecture Program

Prof. Markus Zahn, MIT, USA delivered the lecture at the DIE Chapter at **Jadavpur University,** Kolkata on "Ferrohydrodynamic and Electrohydrodynamic Flow Phenomena" on 3rd Jan 2013 to a gathering of 108 students and professionals.

IEEE PES Kolkata Chapter

The Power & Energy Chapter of IEEE Kolkata Section had organized a technical lecture meeting on 30th January 2013 in which Dipl. Ing. (FH) Anton Gerblinger, Research Assistant, Faculty of Electrical Engineering, (Electrical Energy Systems), University of Applied Sciences, Augsburg, Germany, delivered a on "The research works at the University of Applied Sciences, Augsburg, Germany". 34 participants including 8 IEEE members participated in the lecture and benefited.

Tutorial on "Emerging Topics on Communication Systems"

A One-Day Educational /Tutorial Program was held on 2nd Feb 2013 on the theme: Emerging Topics on Communication Systems. Prof. R. Nandi, COMSOC Chapter Chair welcomed the gathering following which Prof. D .Guha, Kolkata Section Chair and Prof. Subir Kr. Sarkar, HOD-ETCE, JU addressed the participants.

The tutorial had the following talks in two sessions chaired by Prof. Subir Kr. Sarkar & Prof. D. Patranabis.

- A Dynamic Agreement Framework for Trading of Wireless Services by Mr. Ayan Paul, Sub Divisional Engineer (SDE), BSNL, Kolkata

- Green Wireless Commmunication by Dr. Aniruddha Chandra, Asst. Prof., Dept. of ECE, NIT, Durgapur.

- Learning and Experiences from Practical RFID Implementations by Mr. Jayanta Nandy, RFID & Sensors Division, TCS, Kolkata

- Intelligent Networks - An Overview by Mr. Satyajit Brahma, Specialist Support Intelligent Networks, Ericsson India

Madras Section

INCOSET-2012

An International Conference on Emerging Trends in Science, Engineering and Technology (INCOSET-2012) was conducted at J.J. College of Engineering and Technology during 13th & 14th December 2012 covering 5 themes -- Integrated Information, Communication and Computing Technology; Engineering disciplines of Production, Aeronautical, Mechanical, Material Science and Energy; Environmental and Civil Engineering; Electrical Power Drives and Controls, Instrumentation, Automation and Robotics; and Science and Management. The INCOSET-2012 conference papers are published in IEEE and Springer proceedings.

Around 250 scientific researchers and academicians attended the conf. in which 160 papers, carefully selected from 700 received were presented in 20 technical sessions. Video conferencing facilitated the keynote speakers and few registered authors who could not attend in person to present their ideas and methods in a lively and accessible way.

Dr. Yukio Tamura, Director, Global Center of Excellence Program, Tokyo Polytechnic University, Japan inaugurated the conference and addressed on "Recent topics in wind engineering and building aerodynamics special reference to 634m high Tokyo Sky Tree". The keynotes include the following:

- Dr. Mohd Zaid Bin Abdullah, USM's School of EEE, Malaysia on "Microwave Technology".

- Dr. S. G. Ponnambalam, Monash University, Malaysia on "Evolutionary Algorithm for Flexible Assembly Line Scheduling"

- Dr. Shen-En-Chen, Associate Professor, University of North Carolina, Charlotte, USA on "Network-Wide Transportation Infrastructure Monitoring Strategies and Enabling Technologies".

- Dr. Samavedham Lakshmi Narayanan, National University of Singapore, Singapore on Mathematical Modeling and its Relevance to the Management of Epidemics/ Infectious Disease.

- Dr. S. R. S. Prabaharan, Manipal International University, Malaysia on "Will NANO Technology Dominate 21Century and Beyond?"

Dr. M. Ponnavaikko, Vice-Chancellor, SRM University, Chennai, was the Chief Guest and delivered the Valedictory Address on the second day of the conference.

Presentation on "The Future of the Internet"

On 24th Jan 2013, at a joint public lecture programme organized by the IEEE Computer Society Madras Chapter along with the ACM Chennai Chapter, Computer Society of India Chennai Chapter and IIT Madras Alumni Association at IIT Madras, Dr. Vinton G Cerf addressed a gathering of over 400 IT professionals and academic and student community on the Future of Internet.

Mr. H.R. Mohan, Chairman of IEEE CS, in his welcome address stated that the TCP/IP protocol co-developed by Dr. Vint Cerf paved the way for the modern Internet on 1st Jan 1983 and it had revolutionized our day-to-day life. He added that it is a great opportunity for us to learn about the future of the Internet from one of the fathers of Internet Vint Cerf.

Dr. Janakiram, Chairman, ACM Chennai Chapter, in his formal introduction stated that Dr. Vint Cerf, the current president of Association for Computing Machinery is a great visionary and has been working on Internet right from its early days when it was a project of DARPA. Dr. Cerf, apart from being a Turing Award (considered as Nobel Prize in Computing) winner has received the U.S. National Medal of Technology and Presidential Medal of Freedom, the country's highest civilian award. Dr. Cerf has received several awards and has served and serving in the boards of many organizations associated with the Internet. Dr. Cerf, a doctorate in Computer Science from UCLA, has been awarded honorary doctorate by over 30 universities all over the world and is also a fellow of major computer and technical societies and associations such as ACM, IEEE, BCS, American Association for the Advancement of Science, International Engineering Consortium, Swedish Royal Academy of Engineering and many more. He also serves as the Vice President and Chief Internet Evangelist at Google, USA.

Dr. Vint Cerf, started his talk, outlining the global & regional statistics on Internet and then highlighted the status in India and briefed on the steps to be taken to increase the access in India. While speaking on the recent changes in the Internet scenario, he briefed on IPv6 to co-exist with the current IPV4, International Domain Naming, new gTLDs, Domain Name System Security, Digitally Signed Address Registration,

Sensor Networks, Smart Grid, Mobile Devices and Internet enabled devices. He added that the following are some of the technology challenges the Internet is facing: Scaling issues to avoid centralization and information latency, Border gateway protocol for Openflow networks, issues beyond addressing, Configuration management and access control in the Internet of Things, issues in certificates and Certification, Role of trusted computing modules in hardware and software design, paranoid browsers and sandboxes, Inter clod protocols and architecture, and Delay and disruption tolerant networking and public safety Nets. He said that Smart Grid is the way to look into the future by highlighting Smart Grid Interoperability Panel, Smart Energy Profile, Configuration, Control & Reporting, Safety and Security, Production vs Consumption, Anayltics and Loosely Coupled Power Grids.

In the area of Internet Policy Challenges, Dr. Cerf spoke about the Internet Governance, Role of ITU, Privacy, Safety and Security, Digital Signatures, Intellectual Property and Digital Vellum focusing on preservation of data and software. He concluded his talk outlining on The Inter Planetary Networking Special Interest Group (IPNSIG) which seeks to promote effective data communications over interplanetary distances. He said that communicating over those vast distances and in the challenging (for data communications) environment of space requires a really different approach to networking than that ubiquitous networking environment we are most used to. His one hour 20 minutes uninterrupted streaming like talk was enjoyed by everyone. He spared his time to answer a no. of queries from the audience.

At the time of vote of thanks, standing ovation was given to Dr. Cerf. Mementos were presented to him by. Mr. A. Chandrasekaran, Chairman of CSI Chennai and Mr. K. Bhaskaran, President of IITMAA.

Student Skill Development Programme on "Soft Computing Tools in Engineering"

The IEEE Madras Section in association with the SB of Sona College of Technology, Salem organized a Student Skill Development Programme (SSDP) on "Soft Computing Tools in Engineering" on 24th and 25th January 2013. This Second SSDP program was attended by 63 students from various colleges and universities all over Tamil Nadu.

At the inaugural session, Dr. S. Padma, prof. EE welcomed the gathering and Dr. C. Easwarlal, SB counselor and HoD/EEE

delivered the presidential address. Following this, Dr. N. Kumarappan, IEEE MS EAC & Excom Member delivered the inaugural address.

During the SSDP, technical lectures were delivered by the eminent resource persons such as Dr.N.Kumarappan, Prof. of EE., Annamalai Univ.; Er. S. Anbazhagan, Asst. Prof. of EE, Annamalai Univ.; Er. M. Venkatesh Kumar, Asst. Prof. of EE, Saveetha Univ. The topics covered included: Artificial Neural Network Introduction and BPN, Fuzzy Logic, Load Frequency Control-Simulation, Hybrid Intelligence Approach. The participants were also given hands-on training in all topics covered. The program ended with a valedictory function in which, certificates were presented to the participants.

Distinguished Lecture Programmes

The IEEE Computer Society Madras Chapter supported ACM Distinguished Lecture Programmes by Dr. V. Lakshmi Narasimhan (Dr. VLN), Professor, Computer Science, East Carolina University, USA were held different IEEE Student Branches as detailed below. Dr. VLN is also selected by the IEEE Computer Society for the Distinguished Visitors Program for the period 2013-2015.

- At Dr. N. G. P. Institute of Technology on "Embedded Computing Systems" on 30th Jan 2013. The program received overwhelming response and was attended and appreciated by over 300 participants with representation from 17 academic institutions all over Tamil Nadu.

- On 25th Jan 2013, the Dept. of Software Engineering, Periyar Maniammai University organized a DLP on the topic" Genderization issues in Software Development Life Cycle".

- At Knowledge Institute of Technology, on 28th Jan 2013, the DLP was held "Cloud Computing" which dealt on the cloud computing-challenges and opportunities, underlying issues in cloud computing and dark side of cloud computing.

Student Skill Development Program on "Get wired to the wireless world"

The IEEE Control System Society in association with MIT and BSNL conducted a one day Student Development Program on "Get wired to the wireless world" for the benefit of under graduate engineering students, on 6th Feb 2013 at MIT, Chromepet.

The lectures included the following:

- Evolution of Wireless Communication by Shri. A. Vetrivel, SDE/RGMTTC

- 4G by Smt. P. G. Viswa Bharathi, JTO/RGMTTC

- Telecom Diet Rich in Fibre by Shri. T. Senthilkumar, JTO/RGMTTC

- Useful tips to do project work by Dr. T. Thyagarajan, Prof/IE, MIT

- Introduction to Wireless Sensor Networks by Dr. Sabitha Ramakrishnan, AP/IE, MIT

- Demo on Broadband by Shri. Aravind Kannan, JTO / RGMTTC

Around 330 engineering students from various parts of Tamil Nadu, Pondicherry and Andhra Pradesh participated in the workshop and stated in the feedback that lectures were very relevant and useful to them. The program ended with distribution certificates for all the participants.

Dr. T. Thyagarajan, Chairman IEEE Control Systems Society and Dr. Sabitha Ramkrishnan EC member of IEEE Madras Section coordinated the program. Dr. S. Shanmugavel, Professor, ECE and Former Registrar, AU was the chief guest for the inaugural function and delivered an overview of Wireless Networks. Dr. S. Thamarai Selvi, Dean, MIT presided over the function and Mr. R. Babu Srinivasa Kumar, DGM, BSNL was the guest of honour. Special guests include the Mr Major Chandrasekaran, Secretary, IEEE MAS and Dr. Hari, Secretary, IEEE-CSS.

Section AGM for the year 2012

The IEEE Madras Section AGM for the year 2012 was held on 9th Feb 2012 at the Conf. hall at the Alumni Centre, College of Engineering, Anna University. About 100 members attended the AGM.

Mr. T.S. Rangarajan, Section Chairman, welcomed the gathering and provided an overview and the highlights of the Section activities during the year 2012. He thanked all the members and the execom for extending their support in carrying out the activities of the Section. He added that during this year, our Section members received a no. of awards from the HQ and then presented those awards to the recipients. He then presented certificates of appreciation to the Section and student volunteers.

Mr. H. R. Mohan, Vice Chairman and the Editor of IEEE MAS LINK, then announced and presented the cash awards & certificates of appreciation to the best performing Student Branches (St. Xavier's Catholic stood first, followed by Kongu & Jeppiaar), Technical Society Chapters (IEEE CS topped, followed by WIE & PCS) and the Student Branches with largest no. of members (Satyabama Univ. topped, followed by Velammal & Kongu).

After the confirmation of the minutes of the AGM 2011, Secretary Major V.V. Chandrasekharan, presented the Secretary's Report for the year 2012 detailing out the section, society, student branch activities, membership status and development etc., The report was approved by the general body. The full report is available at the Section website for reference.

Ms. S. Hemamalini, Treasurer, then presented the Audited Accounts for the year 2012 which was also approved by the GB. The current auditors Kumar & Raj were re-appointed for one more year by the approval of AGM.

Dr. T. Thyagarajan, on behalf of the Nominations Committee, presented the report on the Execom slate of the Madras Section for the year 2013 and inducted the new Execom with Mr. T.S. Rangarajan as the chairman. The other newly elected members of the execom were introduced to the general body. The List of Office Bearers, Execom Members and their contact details are provided for reference elsewhere in this month newsletter.

After the outgoing and the incoming execom members & senior members of the Section were honoured, Secretary, Major. V.V. Chandrasekharan proposed the vote of thanks.

New Student Branches & Society Chapters

The following new student branches & society chapters in Madras Section were approved by the IEEE HQ

- Erode Builder Educational Trust Group of Inst. SB

- Ponjesly College of Engineering SB

- Arulmigu Meenakshi Amman College of Engineering SB

- Chennai Institute of Technology SB

- Srinivasan Engineering College SB

- SCSVMV University SB

- Jeppiaar Engineering College PES SB Chapter

- Saveetha School of Engineering PES SB Chapter

- Sri Eshwar College of Engineering SPS SB Chapter

- Sri Eshwar College of Engineering CS SB Chapter

Forthcoming Events

National Symposium and Technology Exhibition 2013. Micro-Grids: Laboratories to Real Markets. February 22-23, 2013 at Hyderabad. Website: http://pes.ieeehyd.org/nste13

NCICSAT-2013: National Conference on Intelligent Control Systems and Automation. February 28, 2013 at SRI Sairam Engineering College, Chennai. Contact: renganathan.ice@sairam.edu.in

NSATSE-13: National Seminar on Architectural Thinking for Software Engineers. March 4-5, 2013 at SRM University, Chennai. Contact: nsatse2013@gmail.com

NCACTA-2013: National Conference on Advance Computing Technologies and Applications. March 8, 2013 at Sri Muthukumaran Institute of Technology, Chennai. Contact: Dr. S.K.Muthusundar, ncacta2013@gmail.com Ph: +91 94449809746. Webiste: http://www.ncactasmit.com/

NCISE-2013:5th National Conference on Information and Software Engineering. March 22-23, **2013 at Aarupadai Veedu Institute of Technology, Chennai. C**ontact**: Dr. A. Anthony Irudhayaraj,** ncise2013@gmail.com Website: www.ieeecs-ncise.com

INCOS'13: 4th National Conference on "Intelligent Techniques in Control, Optimization and Signal Processing". March 22-23, 2013 at Kalasalingam University, Krishnankoil, Tamilnadu, India. Contact: Dr D. Devaraj, ieee.klu.studentbranch@gmail.com Website: www.kalasalingam.ac.in

Skill Development Programme on "Artificial Intelligence Methods in Engineering". March 27-28, 2013 at M. P. Nachimuthu M. Jaganathan Engineering College, Chennimalai, Erode, India. Contact: ieeemas@airtelmail.in / ieeemas@gmail.com

NCVESCOM 2013: 6th National Conference on VLSI, Embedded Systems, Signal Processing & Communication Technologies. April 3, 2013 at Aarupadai Veedu Institute of Technology, Chennai. Last Date for Paper Submission : 23/02/2013. C*ontact:* Prof. D. Vijendra Babu, ncvescom@gmail.com Website: www.avit.ac.in

Workshop on Mobile Cloud Computing. April 4, 2013 at Velammal Engineering College, Chennai. Contact: tifacore.ganesan@velammal.edu.in or tifacore.anithajulian@velammal.edu.in Website: http://tifac.velammal.org/

Texas Instruments India Educators' Conference 2013: Industry-Academia Confluence for Education & Innovation. April 4-6, 2013 at NIMHANS Convention Center, Bangalore. Dr. C.P. Ravikumar, Ph: +91 80 25099727, Email:

tiiec2003@list.ti.com Website: http://ieee-cas-bangalore.org/activities/tiiec2013/tiiec2003.html

ICT-2013: IEEE Conf. on Information and Communication Technologies. April 11-12, 2013 at Noorul Islam University, Kumaracoil, Thuckalay, Kanyakumari district, Tamil Nadu, India. Contact: icict2013@gmail.com Website: www.icict.in

ICCPEIC-2013: International Conference on Computation of Power, Energy, Information and Communication. April 17-18, 2013 at Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India. Website: http://adhiparasakthi.in/sites/eee/iccpeic/

ICHCI'13: IEEE International Conference on Human Computer Interactions. August 23-24, 2013 at Saveetha University, Chennai, India. Website: http://www.ichci.in/

R10-HTC2013: IEEE Region10 Humanitarian Technology Conference 2013. August 26-29, 2013, at Tohoku University Kawauchi-North Campus, Sendai, Japan. Website: http://www.r10-htc2013.org/

LCN-2013: The 38th Annual IEEE Conference on Local Computer Networks (LCN). October 21-24, 2013 at Citigate Central, Sydney, Australia. Paper registration: April 5, 2013. Website: http://www.ieeelcn.org

CCEM-2013: IEEE International Conference on Cloud Computing for Emerging Markets. October 16-18, 2013 at Bangalore, India. Website: https://ewh.ieee.org/ieee/ccem/

ICGCE-2013: International Conference on Green Computing, Communication and Conservation of Energy. December 12-14, 2013 at Chennai, India. Website: http://www.rmd.ac.in/icgce2013/

ANTS-2013: 2013 IEEE International Conference on Advanced Networks and Telecommuncations Systems. December 15-18, 2013 at SRM University, Chennai, India. Contact: hod.itce@ktr.srmuniv.ac.in

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IEEE OU's organizing or supporting events, to get their events listed in the "Forthcoming Events" column in the IEEE India Council newsletter, may send the event details by email to ieeeindiainfo@gmail.com

Pl. provide the following details (to match the format of the listing)

Event name

Dates of the event

Place of the event (institute & city)

Contact details (name, phone)

Email

Website

Please DO NOT send brochure files in pdf / jpg. The above details are adequate.

Information Resources

H.R. Mohan
AVP-Systems
The Hindu
Chennai
hrmohan.ieee@gmail.com
http://infoforuse.blogspot.com

Engineers of the New Millennium: Life in 2030: Robots that fight fires, cars that drive themselves, clothes that prevent illnessare they the stuff of science fiction? Or are they more likely than we think? "Life in 2030," a one-hour special from the radio series Engineers of the New Millennium, explores the latest discoveries to give listeners an idea of how technology will shape our lives in the not-too-distant future. Segments include: How Will Humans and Robots Coexist?; Engineering Textiles to Keep Us Healthier and Happier; Solar Power From Space; Danish Island Tests Smart Grid; Self-driving Cars Heading Our Way; and The Impact of the Invisible. Visit: http://goo.gl/M2bq4

Catching them young: Every year, the Indian Science Congress Association awards young scientists of the country. Down To Earth spoke to some of the winners about their work and how it can shape the country's future. More at http://goo.gl/0bH5r

The Seven Types of Power Problems: Many of the mysteries of equipment failure, downtime, software and data corruption, are often the result of a problematic supply of power. There is also a common problem with describing power problems in a standard way. This white paper will describe the most common types of power disturbances, what can cause them, what they can do to your critical equipment, and how to safeguard your equipment, using the IEEE standards for describing power quality problems. Read it at http://goo.gl/iHHfv

Smartphone pictures pose privacy risks: Pictures you've e-mailed or uploaded from your smartphone could leak information that can threaten your safety or that of your children. Watch this video at http://goo.gl/OVotO

Let solar shine: Census 2011 throws light on the darkness across India. Of the 246 million households, 67 per cent get electricity from the grid, while 31 per cent have no option but to use kerosene lamps. In 2001, government initiated a nationwide programme to provide off-grid, clean alternatives, mostly solar, in remote areas. Solar has now lit up more than a million homes a 100 per cent increase since 2001though the programme has its share of loopholes. This situation presents both challenges and opportunities. The answer to the country's energy poverty could lie in decentralised solar. Joel Kumar, who assessed the programme's performance, says the case for off-grid solar is clear and urgent. Ankur Paliwal carries out a reality check in Uttarakhand, Bihar and Uttar Pradesh, and Sayantan Bera in Assam. Read the news analysis at http://goo.gl/iHf5z

A New Mindset in Product Design: 3D Printing Can Help Bring Better Products to Market Faster: The terms "3D printing" and "additive manufacturing" refer to processes that automatically build objects layer by layer from computer data. The technology is already well-used in many sectors including transportation, health care, military and education. Uses include building concept models, functional prototypes, factory tooling (such as molds and robot-arm ends), and even finished goods (such as aircraft internal components). Read the white paper at http://goo.gl/Q1OUi

Delay- and Disruption-Tolerant Networks (DTNs): A DTN is a network of smaller networks. It is an overlay on top of special-purpose networks, including the Internet. DTNs support interoperability of other networks by accommodating long disruptions and delays between and within those networks, and by translating between the communication protocols of those networks. In providing these functions, DTNs accommodate the mobility and limited power of evolving wireless communication devices. DTNs were originally developed for interplanetary use, where the speed of light can seem slow and delay-tolerance is the greatest need. However, DTNs may have far more diverse applications on Earth, where disruption-tolerance is the greatest need. The potential Earth applications span a broad range of commercial, scientific, military, and public-service applications. Read the primer at http://goo.gl/8cDFv More detailed version at http://goo.gl/I3P5G

Research for Practitioners: How Expert Designers Design: Sometimes, by virtue of subject matter expertise, people find themselves placed in a position to develop training without the benefit of understanding instructional design. These are instructional designers "by assignment" rather than by training. So for those in such a position, how do we help them to at least understand how instructional designers design? "The contexts of academic and corporate designers are differentthe cultures are different, and the organizational goals and objectives are different. While prioritization of design principles for successful projects in academic versus corporate setting may differ, the actual principles are quite consistent across both." Read the article at http://goo.gl/Cce3U

Converting Text to Speech Free Resources: The power of audio in e-learning is undisputed. Studies have proven that the inclusion of multimedia including audio increases the adoption of basic skills in learners by 21 percentile and of higher order skills by 20 percentile. With the advent of mobile learning and its popularity, audio continues to be one of the most sought-after tools for making learning effective. Audio is

used as an able accompaniment with text, or even as a stand-alone module, delivering just-in-time learning to the learner. Text-to-speech converters have been available for the past few years, and they have evolved tremendously to keep up with the demands of the latest technology and emerging platforms of learning delivery. For a list of useful resources see http://goo.gl/PBXew

Digital Commons Network: The Digital Commons Network brings together scholarship from hundreds of universities and colleges, providing open access to peer-reviewed journal articles, book chapters, dissertations, working papers, conference proceedings, and other original scholarly work. This constantly growing body of publications is curated by university librarians and their supporting institutions, and represents thousands of disciplines and subject areasfrom Architecture to Zoology. The intuitive interface invites you to explore discipline-specific Commons, where you can view and follow popular authors, institutions, and publications in your field. And you'll never run into pay walls or empty records, because only full-text, open-access research and scholarship are included in the network. This network of research commons continues to grow thanks to the contributions of researchers, librarians, faculty, and students who believe that scholarship is a community enterprise. Pl. visit http://network.bepress.com/

Auto Revolution: A Promising Future for Self-Driving Cars: The technology needed for driverless cars is here and could be ready for the market in less than a decade. Automation holds the promise of revolutionizing the automobile industry and making our streets safer, but will it spell the end of Fahrvergnügen? More at http://goo.gl/5Yy6n

Acting responsibly with a focus on the future: Serigraph's Journey to ISO 14001: By utilizing ISO 14001 and Lean Six Sigma as templates for continuous environmental improvement, a variety of actions are taken to become a socially responsible organization (SRO) and minimize Serigraph's environmental footprint. Serigraph Which prints forms and molds plastic decorative components for the original equipment manufacturers (OEM) and point-of-purchase (POP) advertising industries. Read the full article at http://goo.gl/mLpmZ

IEEE Computer Society Announces 13 Technology Trends for 2013: In the coming year, the Internet of Things will change how consumers and enterprises use technology, interactive displays will become common in public spaces, robots will be used to rehabilitate patients, and visualization will help solve the big data problem. Those are just some of the technological advances that experts from the IEEE Computer Society, a membership organization for technology leaders, foresee in 2013. http://goo.gl/rTKuL

Clash of the cyberworlds: In an increasingly digital world, the issue of Internet freedom and governance has become hugely contested. Censorship and denial of access occur across the political spectrum of nations, even in liberal democracies. In the run-up to the just-concluded World Conference on International Telecommunications in Dubai, there was a frenzied campaign to ensure that governments kept their hands off the Internet. It was feared the International Telecommunications Union, a UN body, was aiming to take control of the Internet. That hasn't happened. But the outcome in Dubai has highlighted once again the double speak on freedom by countries that claim to espouse it and by corporations interested in protecting their interests, says Latha Jishnu, who warns that the major threat to the Internet freedom comes from the wide-ranging surveillance measures that all governments are quietly adopting. Dinsa Sachan speaks to institutions and officials to highlight the primacy of cyber security for nations, while Moyna tracks landmark cases that will have a bearing on how free the Net remains in India. Read the news analysis at http://goo.gl/WXz2Q

The CS Cloud Computing Special Technical Community (CS CCSTC): This STC focuses on cloud activities across the IEEE Computer Society, involving both CS members and nonmembers. The STC's work is complimentary to the IEEE Cloud Computing Initiative (IEEE CCI), a three-year project to promote cloud efforts across IEEE. For details or to join the STC, visit http://computer.org/cc

Anywhere! Anytime!: There are three things every engineer needs for success today: 1) the knowledge gained through schooling, 2) the attitude to be successful in his/her career, and 3) a passport. A passport? Yes, a passport. In the future it will be one of the most important documents in your possession when it comes to achieving success in your chosen career. http://goo.gl/536Yt

Undergraduate Research: A Step Toward Innovative and Creative Solutions in Engineering: An undergraduate research project provides the future engineer with extensive skills and knowledge related to the theme of the developed project and to the scientific methodology used to plan and perform it. Moreover, it introduces the student into the research world, putting him in contact with experienced researchers and scientific literature. In addition, the student has the opportunity to present to the academic community the results of his work through seminars, lectures, and papers, also developing his skills of reading, writing, and oral communication. In this context, the methodology proposed in this article to plan and execute an undergraduate research project is of paramount importance for engineering students. Read it at http://goo.gl/qNAI7

The 1 Hour Plan For Growth

How a Single Sheet of Paper Can Take Your Business to the Next Level

Author: Joe Calhoon. Published by: John Wiley & Sons. Paperback, 194 pages.

It's easy to become extremely busy and yet ultimately unproductive because all you do is spin your wheels but get nowhere. To avoid that, you need to plan how to move things forward or more accurately, you need a simple and fast planning process that works.

Most planning processes are too complicated to be of much use in the real world. A better approach is to set aside one hour for developing your business growth plan and the strategy you want to use. On a single sheet of paper, you want to answer the only three questions that count when it comes to planning growth in any endeavor:

1. Where do you want to go?
2. Where are you now?
3. How will you get from here to there?

Once you learn how to run a 1-hour planning session and produce a 1-page plan for growth, you're then equipped with everything you need to take your business to the next level again and again. The process is breathtakingly simple:

1. Plan for an hour and set your priorities for next 30 - 90 days
2. Get to work over the next 30 90 days doing what you've planned
3. After 30 - 90 days, pause and evaluate how you've performed
4. Celebrate your progress in a meaningful way and start again

"An effective growth planning system is the best indicator of whether your business will grow. It's time to develop your plan and learn a system that will serve you for the rest of your life. No matter where your business is today, you can grow it through this system. You'll also develop your own leadership skills, not through classroom training, but through the process of setting, achieving and celebrating progress on your priorities." Joe Calhoon

Download the summary of this interesting book at http://goo.gl/Ek5lm

Seven Habits of Highly Effective People

Author: Stephen R. Covey. Publisher: Free Press. Pages: 172

Seven Habits of Highly Effective People by Stephen R. **Covey** is an excellent book that probably almost everyone has heard of. Millions of people have read it, but unfortunately many people don't make the commitment to actually apply the habits in their everyday life. If they did, it's a "can't miss" success formula. However, it is not an "instant fix" formula that is the rub for many.

List of Habits

Habits 1 - 3 focus on the move from dependence to independence.

Habit 1: Be Proactive

Habit 2: Begin with the End in Mind

Habit 3: Put First Things First

Habits 4 - 6 focus on the move from independence to interdependence

Habit 4: Think Win-Win

Habit 5: Seek First to Understand, Then to be Understood

Habit 6: Synergize

The last habit focuses on the need to continually rejuvenate yourself.

Habit 7: Sharpen the Saw

For a summary of the habits & details: http://goo.gl/evp1w

Listen to the 1 hr 13 min podcast by the author Steven Covey at http://goo.gl/UUFm9

Discussion Notes at http://goo.gl/ZM63H

Books

Signals and Systems

Author: V. Krishnaveni & A. Rajeswari, Published by Wiley India, pages: 664. Price Rs. 449/=

This book presents the theory and concepts of Signals and Systems through analytical examples in a simple and lucid manner. This book is designed for a one-semester UG level course in Signals and Systems, for students in Electronics and Communication, Electrical and Electronics and Computer Science & Engineering, Information Technology, Instrumentation & Controls and Biomedical Engineering programs.

The book is also valuable for PG students and practicing engineers for reviewing the basics of signals and systems. This textbook covers topics ranging from Introduction to signals and systems, Continuous-time (CT) and discrete-time (DT) signals and systems, Analysis of linear and time-invariant systems, Continuous-time Fourier series, Continuous-time Fourier transform, Discrete-time Fourier series, Discrete-time Fourier transform, Sampling and quantization, Laplace transform and z-Transform. MATLAB codes for all the chapters are given along with a brief introduction to MATLAB.

Paths of Innovators (Volume 2)

Author: Dr. R Parthasarathy. Published by: Universities Press. Pages: 554. Price: Rs. 450/=

This is the second volume of a set of two volumes. It comprises a collection of about 165 scientists' lives, their struggles, their achievements and their laurels. The scientists have been grouped under five disciplines Engineering (35), Physics (42), Mathematics (35), Chemistry (24) and Life Sciences (24).

The reader meets people from various backgrounds - those with insufficient schooling, those with little money, those born into aristocracy, those with science in their blood, those battling with grave illnesses, those who moved from one discipline to another (as different as possible from each other); ultimately culminating in path-breaking scientific discoveries. The aim of these brief biographical sketches is to inspire a wider audience to take up the noble pursuit of pure sciences.

This is a compilation of the weekly feature appeared in the newspaper *The Hindu*. An ideal reference source to be included in libraries of engineering & science institutions. Students and professionals will find this publication useful in motivating them in their academic and career aspirations.

TechQuiz 2013-02

(Two Prizes to win Books reviewed will be presented to the winners)

1. Which one of these four countries has the dubious distinction of having 16 out of 20 most polluting cities? US, China, UK, India.

2. Mechatronics is a design process that includes a combination of Mechanical engineering, Electrical engineering, Control engineering and Computer engineering. Who had coined the term "mechatronics"?

3. ------ is the new MPEG video compression standard introduced recently and this will be twice as efficient as the current standards.

4. What is the tagline/slogan of IEEE?

5. Who had devised or introduced the "Three Laws of Robotics"?

Email your answers by **15ᵗʰ Mar 2013** to ieee.techquiz@gmail.com **with subject "techquiz-2013-02".** Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. There are TWO prizes to win. Two prizes will be in the form of books which are briefly reviewed in this edition of the newsletter. They are being offered by **Wiley India Pvt. Ltd** (www.wileyindia.com) and **Universities Press** (www.universitiespress.com). Answers along with the winners' info will be published in the next issue.

Answers & Winners of TechQuiz-2013-01

Lithium-Ion Batteries, France, TCP/IP, IRE, Čapek, Karel

"Electromagnetic Field Theory and Transmission Lines" from WileyIndia to Sumit Soman (Delhi)

"Paths of Innovators (Volume I)" from Universities Press to Roshan U. Hamza, (Calicut)

Announcements

Contributions

IEEE India Info, the newsletter of the IEEE India Council welcomes contributions from Sections and members.

The Section Chairs may pl. send brief reports on conferences, workshops and other major events held in the section along with info on news student & society branches added, honours & recognition to the members of the Section.

Call for papers & participation in national & international conferences organized or supported by IEEE Sections or Societies are also welcome.

While sending the matter, pl. ensure that they are in MS WORD doc / rft format. Pl. avoid matter in pdf / jpg format. For guidelines on submitting matter pl. visit http://goo.gl/dzSIJ

Pl. send the matter by email to ieeeindiainfo@gmail.com or before 7ᵗʰ of each month for getting published in the same month issue of the newsletter.

Congrats to Dr. Sankar K. Pal

IEEE India Info congratulates Dr. Sankar K. Pal, the Fellow of IEEE and a Distinguished Scientist of the Indian Statistical Institute and its former Director for being selected for the "Padma Shri" award. More about Dr. Sankar at http://goo.gl/kysyI

MGA Nominations and Appointments

The IEEE Member and Geographic Activities (MGA) Nominations and Appointments (N&A) Committee is soliciting nominations for the following 2014 leadership positions:

MGA Vice President/Board Chair

MGA Treasurer

MGA Vice Chairs

- Geographic Unit Operations
- Information Management
- Member Development
- Strategic Management and Analysis

Committee Chairs

- Admission and Advancement (IEEE)
- Awards and Recognition
- Center for Leadership Excellence (IEEE)
- Graduates of the Last Decade (GOLD)
- ieee.tv Advisory
- Individual Benefits and Services
- Life Members (IEEE)
- Membership Recruitment and Recovery
- Potentials Editorial Board
- Students Activities
- vTools
- Women in Engineering (IEEE)

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. Self-nominations are encouraged.

The deadline to submit nominations is 1st April 2013. More details at http://goo.gl/ZSoCV

2013 MGA GOLD Affinity Group Hall of Fame Award

This award recognizes outstanding GOLD Affinity groups for their achievements and includes a cash prize of USD 500 and plaque for its winners.

As the deadline for submitting the nomination is nearby, please complete the "GOLD Hall of Fame Screening Questions" form and send it by email rayees.nishad@gmail.com by 11.59pm (GMT), Tuesday 5th March 2013 if your GOLD Affinity Group would like to be considered for this opportunity. No late applications can be accepted.

The email should have the subject line "GOLD Affinity Group Hall of Fame Award Nomination [Your GOLD Affinity Group]". For example, "GOLD Affinity Group Hall of Fame Award Nomination XYZ Affinity Group". For clarifications, pl. contact Region 10 GOLD Coordinator, Rayees Amar Nishad at rayees.nishad@gmail.com

Issues with IEEE?

Complete an online inquiry form at http://goo.gl/1JpoJ

- assistance with the IEEE Web site;
- help with electronic access and services;
- information on membership, benefits, or services;
- publications, standards, copyright, and logo information;
- careers, education, or student information;
- questions about IEEE society or section events and conferences;
- other general inquiries.

IEEE Support Center & FAQs

Get answers to Frequently Asked Questions (FAQs) like the following at http://goo.gl/Rxasb

- How do I change my password?
- How do I recover my username and password?
- How do I renew my annual membership?
- Will I receive a separate receipt after renewing online?
- How do I unlock my IEEE Account?
- What can I access with my IEEE Account?
- How can I report copyright and trademark infringement to IEEE?
- How can I print a Member Certificate from my IEEE?
- Where do I find my membership number?
- Was my IEEE account impacted by the recent Security Incident?
- What is IEEE?
- Have the winners of the 2013 early renewal drawing for the Apple® iPad® 2 been notified?

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Participate in standards development efforts

Getting involved in IEEE standards provides you with opportunities to network with industry peers and broaden your understanding of your industry and technology, as well as gain familiarity with the content of standards in which you are involvedfacilitating early

compliance and anticipating market requirements. Pl. visit http://goo.gl/kk0Ek

IEEE Sitemap & Websites

Select from the links from the page featuring the sitemap at http://goo.gl/VvtGM to visit a section in the IEEE Main Site (IEEE.org) or more IEEE Web sites within the overall IEEE Web presence.

"Strategic Thinking: A High-Tech Strategy Guidebook"

This how-to guide, by IEEE senior member Jim Blakley, provides the language and process of strategy, with the basic tools needed to understand and implement it. It intends to make an accessible guide to strategy available for non-strategists in high-tech companies. It may also supply enough guidance to set non-strategists on the road to becoming effective strategists. The guidebook's goal is not to furnish answers to what good strategy looks like, but rather to show the processes and frameworks that enable strategists to create and implement good strategy. Free download for members until end Feb 2013 from http://goo.gl/HgSdT

Google Maps Mapathon 2013 - Contest

Mapping can save lives. Finding a nearby hospital or fire station sometimes can be a matter of life and death. Your mapping can help people during a time of need and possibly even save lives. Mapping can save time. Become a shortcut guru among your friends by adding your favorite routes and shortcuts and help others save time. Participate in Google's India-wide mapping contest to make a difference. Add hospitals, clinics, blood banks, storm shelters, police stations that you know about. The contest is open to just about anybody who lives in India. Open from Feb 12th till March 25th. Only edits made in India count. Win Android tablets, phones and more. The top 1000 contestants by number of published edits will receive cool prizes. To participate visit http://goo.gl/j9mFS

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Address for communication

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