



Message from Chairman

Dear Members,

As we all know, that IEEE members are volunteers to serve the professional community with high ethical values. Some of the recent incidents within the IEEE community of the India Council are disturbing and posing threats to the unity and integrity. Sending mails through anonymous email IDs, sending mails to the political leaders and not responding to the rightful demands of the Council by the ex-office bearers of the Council are some to quote. My humble request to the dignified IEEE members is very simple; try to solve the problems if any arises, between the members concerned only and not to spread it outside, spoiling reputations of the individuals and that of IEEE; and try to respect the noble cause of the Council and help the Council executives to perform their volunteer services without tension. Please remember that we are supposed to serve as leaders with qualities like Ethics, Integrity and Trust as foundations. For any problem there is a solution; either convince the other party or get convinced and there is no third way. United approach is the key for success. The IEEE community is one family and unity is its strength.

I am happy to inform you that R10 is soliciting application for a new award, to recognize outstanding membership activities organized by the sections. Up to 20 activities will be recognized in 2013. I would like to encourage you to submit application for this award. The prize is a certificate and a cash reward of \$250. The deadline for submission is 30th June 2013.

Nominations are called for the R10 Outstanding Volunteer Award which aims to recognize those volunteers who have made outstanding contributions to a particular R10 Section. Submit the Nomination Form on time. The nomination deadline is 31st Aug 2013.

I am happy to note that the R10 EXECOM has decided to ask IEEE Madras Section to host the R10-HTC2014. I am confident that IEEE Madras Section will do its best for the successful conduct of the same. I am also happy that the AISC -2013 will also be organized by the IEEE Madras Section. I appeal to all the Sections to cooperate with Madras Section for the successful conduct of these events.

Dr. Preeti Bajaj, Vice Chair Student Activities, India Council, has taken the lead to organize the M. V. Chauhan Contest with the SAC committee. It is a prestigious event of the India Council. Detailed announcement on this contest appears elsewhere in this issue of the newsletter. As you all know India Council is in a poor financial state, since the funds from the past Executive Committee has not been transferred yet to the new EC of the IC. I appeal to all the Sections to help Dr. Preeti financially for the successful conduct of the event.

I would like to end my message by thanking all of you for your support to the IEEE initiatives and activities and looking forward to your continued support and inputs.

With kind regards,

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Message from Editor

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Dear readers,

The India Council Chairman, in his message has provided a high-level view of the activities being planned under India Council. He has suggested the Sections to compete for the R10 awards for the outstanding membership activities. He had also appealed the members to work together and carry on with voluntary spirit for achieving the objectives of IEEE.

Prof. San Murugesan of BRITE Professional Services and University of Western Sydney, Australia has volunteered to write regularly on current interest topics in the IC NL. His first article on “Green IT: Good for Business, the Environment and Everyone” appears in this issue. You may recall that we had carried the review of his book *Harnessing Green IT: Principles and Practices*, published by Wiley India & IEEE CS in the Apr issue of the NL.

The second article, in the series dealing with the skill development for engineering graduates by Mr. Ballav Sahoo, Co-Founder & CEO of Victory Mind Educare Services appears in this issue of the NL and deals with the “Importance of Professional Guidance for the engineering students in their Career-Path development through Career Counseling”.

Linked In, started about 10 years back, has become the largest Social Network in the professional space and has second largest no. of members from India. Mr. Raghunath Ramaswamy, Founder & CEO, Spectrum Consulting, Chennai, a seasoned IT/HR professional who had addressed the members of IEEE in one of the recent monthly technical meetings jointly organized by the IEEE CS, IEEE PCS & IEEE TMC has written an article titled “Leveraging Linked In” which provided some basic guidelines to get best out of this social network. We are sure the readers find this useful and take advantage by following the guidelines.

In this issue under the column “News from Sections”, our coverage is limited to the extent of few events for which the details came from Kerala, Madras and UP sections. We are not receiving reports from other Section on the events being held there. We urge the OUs (Sections, Student Branches and Society Chapters and Affinity Groups) to send brief reports on their activities for publication in the newsletter as per the guidelines available at <http://goo.gl/dzSIJ>

The reporting on “Eyes Free Science Camp for the Blind” from Kerala deserves a special appreciation as it has provided the first one t-hand experience for the Garden, the visually challenged visited. Further, it is interesting note about the long-term benefits of investing few lakhs of in providing accessible equipment at laboratories so that blind student could take up science-based education and excel. We are sure that this activity could compete for the humanitarian project award of R10.

We draw the attention of readers to the long list of forth coming events, few CFP announcements and request them to make use of the opportunity in enriching their knowledge. Faculty members and experienced professionals may find an opportunity to share their knowledge by publishing their works through the Universities Press. Pl. see their appeal.

“IT in May 2013”, the round up on important happenings by Prof. S. Sadagopan, Director, IIIT-Bangalore makes one to get an overall picture. While it is quite interesting to note about “Esha Khare winning the Intel Science fair for inventing a phone charger that can charge in 20 seconds”; “India-born Ajay Bhatt of Intel for receiving European Inventor Award 2013 for inventing USB”; “Arunima Sinha is the first woman amputee to scale the world’s tallest mountain Mt Everest” and “N Shivakumar, a Bangalore boy who worked as newspaper vendor, makes it to IIM”, it is sad to note that “Dr. N Seshagiri, one of the architects of Indian IT Policy and creator of NIC passing away”; “SIFY, one of the earlier Internet Service Provider (ISP) shutting down”; “Issues of poor corporate governance by pharmaceutical companies Ranbaxy and Wockhardt hurting India”.

In the “Information Resources”, we had covered few interesting videos, free books and software which would interest our readers. You may find the no. of books reviewed in this issue have gone up from usual two to four and so the prizes for the TechQuiz. In the future issues, we propose to review more engineering and management related books. We request our readers to share interesting information they come across and provide feedback on the newsletter coverage, by emailing them to ieeeindiainfo@gmail.com

Green IT: Good for Business, the Environment and Everyone



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IT has a new role to play, helping to create a greener, more sustainable environment while offering economic benefits and social value. IT professionals and the IT industry are now called upon not only to make IT systems and their work practices greener but also to harness IT's power to address the growing environmental and social problems we face.

Whilst many people consider IT to be part of the problem to environmental pollution, it can be its saviour too. In other words, IT is both a solution and a problem for environmental sustainability. We can exploit the power of IT in innovative ways to address mounting environmental issues and make our IT systems – and their use – greener.

What is Green IT?

Green IT refers computer and information systems and IT applications and practices that help to improve our environment and enhance the environmental sustainability. Green IT is an enabler. Beyond creating energy-efficient IT systems, green IT is also about applying IT to create energy-efficient, environmentally sustainable business processes and practices, as well as transportation and buildings.

Green IT encompasses three complementary approaches:

1. **Greening of IT** -- efficient and effective design, manufacture, operation, use, and disposal of computer and communication systems (including hardware, software, storage, and networks) aiming for minimal or zero impact on the environment;
2. **Greening by IT** -- using IT and information systems to support, assist, and leverage applications and initiatives in multiple domains and industry sectors to reduce energy, resource consumption, and carbon footprint; and
3. Harnessing IT to help create awareness among stakeholders and promote green initiatives.

Green IT benefits the environment by improving energy efficiency, lowering GHG emissions, using less harmful materials, reducing resource consumption and encouraging reuse and recycling.

In addition to being green itself, IT can help create a more sustainable environment by

- coordinating, reengineering and optimizing the supply chain, manufacturing activities and organizational workflows to minimize their environmental impact;
- making business operations, buildings and other systems energy efficient;
- helping decision making by analysing, modelling and simulating environmental impacts;
- providing platforms for eco-management and emissions trading;
- auditing and reporting energy consumption and savings; and
- offering environmental knowledge management systems and decision support systems.

Green Prospects

New technologies and systems such as RFID (Radio Frequency Identification), Internet of Things, sensor networks, smart phones, ubiquitous computing, cloud computing, context-aware systems, environmental intelligence and smart systems present new opportunities to address resource (energy and water) consumption and improve environmental sustainability.

IT professionals, educators, researchers, and businesses can make a difference by harnessing IT's power to create a sustainable environment for the benefit of current and future generations. Smart companies are adopting innovative environmental strategies to innovate, create value, and build a competitive advantage.

Enterprises and individuals can -- and should -- work both independently and collaboratively to accelerate the adoption of green IT and help speed the world's transition to a low-carbon economy. A few universities and training institutes have taken the lead and started offering courses on green IT and green computing, and others are expected to follow suit.

For a comprehensive overview on Green IT, refer to book chapter, "Green IT: An Overview" in the new book [*Harnessing Green IT: Principles and Practices*](#), San Murugesan and GR Gangadharan (Editors), Wiley-India and IEEE Computer Society, 2013 – free download at: <http://bitly.com/10oxNjW>

Related Articles

- Green IT: a saviour for a better planet, Sation, 2011. <http://bitly.com/13A3F9V> In this interview with SATION online magazine, Dr San Murugesan shares his experience in the field of green computing and takes us through the various advancements in this field, in India and across the globe.
- Third Angle: On Harnessing Green IT and Cloud Computing, Infosys Labs Briefings (Formerly SETLabs Briefings), Vol.9, No.1, 2011. <http://bit.ly/nQws4l> In this Interview, Professor Murugesan shares his views on the current state of green IT and suggests ways to reuse, refurbish and recycle if corporates are to sustain and prosper in the wake of green demands. His expert take on the issue suggests changes at the grass roots level that will create a major impact in the long run.
- Special issue on Green IT, SETLab Briefings, 2011. <http://infy.com/19BhaG4> This issue presents a collection of article on Green IT.

CCEM: IEEE International Conference on Cloud Computing in Emerging Markets

This second edition of the IEEE International Conference on Cloud Computing in Emerging Markets (CCEM) will be held 16 – 18 October 2013 in Bangalore. The goal of the conference is to address the unique challenges and opportunities of cloud computing in emerging markets in a high quality event that brings together industry, government, and academic leaders in cloud computing from around the world, particularly from emerging markets. The conference will be a three-day event that spans invited talks, tutorials, peer reviewed paper presentations, a panel, a startup showcase, and industry exhibits. The conference will also present progress of the National Cloud Innovation Council for India that was launched at the end of CCEM in October 2012.

Topics of interest: We invite submissions of technical papers, tutorial proposals, startup showcase proposals, industrial exhibits, as well as sponsoring companies! Technical paper submissions should be on relevant topics, including but not limited to:

- Design of Cloud Computing services, especially for emerging markets
- XaaS paradigms and architectures including Infrastructure, Platform, Software, and Business Process as a Service
- Advances in virtualization of hardware and software services
- Security, privacy, and compliance issues
- Networking issues in Cloud Computing
- Programming models for Cloud Computing
- Monitoring, management, and maintenance in Cloud Computing environments
- Performance optimization in Cloud Computing
- Innovative applications and experiences in Cloud Computing for Emerging Markets

For more information about submission, please visit the conference website at www.cloudcomputing.ieee.org/ccem

Importance of Professional Guidance for the engineering students in their Career-Path development through Career Counselling



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The 21st century has come about on the tails of globalization. Driven by the phenomenon of globalization of services, organizations have leveraged India's value proposition to enhance their competitiveness, blurring the boundaries of off shoring, and outsourcing towards global sourcing. Companies rely on technology that provides immediate results to carry out their day-to-day business transactions, from their office to anywhere in the world, with an Internet connection. Products and services are readily transported and traded with overseas partners set on achieving a worldwide goal of sustaining or developing a strong economy. There is a growing interdependence on world markets. Technology is constantly changing to make everything we do more efficient, time-wise and money-wise. These changes have drastic implications on the economy and the types and number of jobs available at any given time. In the 21st century, we are competing among ourselves, with others, in particular with citizens of China, Indonesia and others. Outsourcing is common with major corporations around the world. Jobs are sent to companies overseas, where people will work for less money and perform just as well as their counterparts anywhere in the world.

Employees need to be versatile, having a wide array of skills that can be adapted to a wider array of job opportunities and tasks. These kinds of people, called "versatilists," are unique individuals. They can apply a greater depth of skills to a variety of situations and experiences. They have creative thinking to come up with new solutions to problems and new ideas to make the world run more efficiently and effectively. Overall, companies want employees that can improve the way that work is being done while effectively carrying out the overall goals of the organization. This is what the technologically, ever-changing Indian society is coming to be in the future.

The origin of the field of career counseling can be traced to the beginning of the 20th century with Frank Parson's approach to helping clients develop an understanding of self and the world of work. Parson's largely intuitive and experiential foundation of career counseling formed the basis for his establishing the Vocation Bureau at Civic Service House in Boston in 1908. This was the first institutionalization of career counseling in the United States (Ginzberg, 1971). The terms career counseling and career

development came into more common usage in the 1950s through the work of Donald Super and were institutionalized when the name of the National Vocational Guidance Association (1913-1983) was changed to the National Career Development Association in 1984 (Pope, 2000). The field of career counseling as a specialty area has been recognized since the early 1980s with the establishment of career counseling competencies, credentials, and preparation and ethical standards.

College life can be challenging and often is stressful. Students experience those challenges in a number of different ways: difficulties adjusting to college, confusion in deciding on a major or career path, or struggles in relationships, or making friends or getting along with a roommate. Many students feel anxious, depressed, confused, or overwhelmed at some point during their college experience and need help dealing with feelings and problems that seem beyond their control deciding a career path.

For college students, deciding a career-path..... that help may come from friends, family members, significant others, etc., but in many cases considering the current situation, help is needed from a trained professional in ways of professional guidance. Career counselling is processes that can help students identify effective strategies to identify real path, to cope with difficult situations and to achieve their goals in future. Some people who seek career counselling too have difficulties deciding a good career path.

Most of the students think, "Finding a JOB" after completing the degree is the end of the journey, rather it is just beginning. Though its necessity to be locked into certain position after education for the livelihood, in reality it is just a chapter or point in anyone's career. Majority of the people may not think and feel the urgency to know or understand the need for next step about an exciting career path. Most of the aspirants for the job fulfilled stopping where they are on the JOB.

Career counselling is defined as a series of general and specific interventions throughout the life span, dealing with such concerns as self-understanding; broadening one's horizons; work selection, challenge, satisfaction, and other interpersonal matters; work site behaviour, communication, and other interpersonal phenomena; and lifestyle issues,

such as balancing work, family, and leisure (Engels, Minor, Sampson, & Splete, 1995).

The Career-Path development through Career Counselling program provides high quality, career exploration and planning. The Program encourages students to explore a wide variety of careers, rather than limiting their exploration by telling them what they can or should do. The Program gives students the opportunity to explore a variety of careers using knowledge they have gained about their interests and skills through assessment components and structured activities. Students explore occupations in line with interests and skills, and develop strategies to realize career goals. Career guidance experts support students to explore their interest areas carefully and make them to understand pros and cons of each career and facilitate them understand their real passion and based on that they show proper path towards reaching their career goal.

Professional guidance on Career-Path focuses on specific careers program. Students need to complete the Personality Profile through which they identify and confirm their personality types, and then they explore occupations in career clusters commonly preferred by their personality types. This career exploration component culminates in the creation of two reports. First report: Discover strengths that direct students to information about their personality types and work that should be satisfying to them. In second report: Finding Own Way, students match their personality types to career clusters, clarify their values and interests, identify transferable skills, develop a career focus, and learn about training and education needed for their identified careers. Both the reports determine the Employability Profile of the individual. Finally an additional report: Getting the Job, provides information about using personality strengths to obtain jobs through the campus placement services or directly applying to companies with their skills and competencies.

Career-Path development will encourage students to explore a wide variety of careers, rather than limiting their exploration by telling them what they can or should do. It gives students the opportunity to explore a variety of careers using knowledge they have gained about their interests and skills through assessment components and structured activities.

- Learn about themselves and the world of work
- Find out what they need to do to meet career goals
- Take steps toward getting skills and qualifications for various occupations
- Designed specific programs, regardless of future career or educational plans
- Knowledge and importance of current career plans

Career-Path development in academic planning is to identify the academic skills, preferences, learning styles, cognitive abilities, and educational challenges of individual youth. It tries to focus on the things that the individuals are good at, their talents, the things they are passionate about, rather than worrying too much about the things they do not do well. The professional guidance can be provided to the students establishing a dedicated career-path through career counselling with

- Individual guidance interviews
- Careers resources--up-to-date reference materials, information booklets
- Guidance system 'Prospects Planner', to help generate career ideas for students.
- Listings of graduate job vacancies
- Access to employers via lectures, workshops etc. and through interviews arranged with experts
- Psychometric testing and information on Assessment and selection process
- Annual careers events--fairs, conferences--in conjunction with academic departments and the Students.
- Dedicated Careers Guidance Centre as per the request of the schedule of individuals.
- Daily open access session when students can discuss career plans with a Careers Consultant.
- Alternatively, students may use the e-guidance service, accessible through the website, to communicate with a Career Counselor and Consultant at a time and place to suit them.

Career planner experts do not provide academic advising, but rather guide students through an information-gathering process about self and the world of work to determine which academic programs or careers might be a good match for them. For example, experts can assist students with clarifying values, examining interests, identifying skills, resolving chronic indecision, developing insight into personality type, and communicating with parents about career decisions. The career counselling process begins with a confidential, one-on-one appointment with an expert, and culminates in the identification of a career goal and the selection of an academic program to support that goal.

There are many benefits of career-path development through career counselling to consider. It is easy to feel confused when it comes to what type of career path to choose. With so many choices in jobs today, career counselling can be a step in the right direction as far as pinpointing what career to focus on. Having a professional advisor to assist with deciding what strengths and talents can be developed into a solid career is the role that a career counsellor plays. Career-path development through career counselling has many benefits for anyone who is starting out with a new career.

Leveraging Linked In



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Most of the organizations use Linked In today to find the right suppliers/vendors/employees for their needs.

Having a Linked In presence is therefore of paramount importance to getting noticed by the right people who need you.

Being a Linked In user and being Tech Savvy automatically does not guarantee that you are using Linked In effectively.

Linked In presence is not just about having a profile or a resume on Linked In. It automatically does not help you get noticed.

It is easy to create a Linked In account. It is also easy to add connections. However understanding the science behind the design of a social media platform can enhance the usage of any social media platform.

To help you understand the principles behind the design of a social media platform it is important to understand the seven building blocks of social media.

1. Identity
2. Sharing
3. Groups
4. Conversations.
5. Presence
6. Reputation
7. Relationships

The user creates an **identity** by creating a Linked In profile. **Reputation** and Social Media **Presence** are established by participating in **groups**, **sharing** updates and **conversing** intelligently. The process of creating a **reputation** and social media **presence** helps the user to develop **relationships** through connections.

While the user could be happy, that he has a Linked In presence and happy about the quantity of contacts, he will benefit from introspecting if these connections do translate into real time relationships.

In the final analysis, it may just not be enough if the user has a great Linked In profile, it may also not be enough, If the user has a lot of connections, the user has to arrive at right blend of engagement on Linked In which will enable converting connections into relationships.

Here is a check list for the Individual and the Organization

As an individual, are you leveraging Linked In effectively?

1. Am I clear about what I want Linked In to do for me?
2. Have I identified the target segment I want to be noticed by?
3. Have I leveraged the elements in Linked In that can maximize my noticeability?
4. Do I know the value and quality of my network today?
5. Do I know the extent to which I am able to draw mileage from my network today?
6. Do I know how to track, analyse and improve my 'Visibility quotient'?
7. Do I know how to grow the frequency of my appearance in my search results?
8. Do I know the features of Linked In that enhances the quality of my network?
9. Can I showcase myself as the model user of Linked In as a weapon for strategic professional presence?
10. How can I detect room for getting more from my investment in Linked In?

As an organization, are you leveraging Linked In effectively?

1. You could have a social media policy in place. However, you may want to check if the implementation is effective.
2. Has your company highlighted the products and services on Linked In? Is it being properly managed? Is the credibility and reputation of your organization properly captured? Are the multiple stakeholders in your organization really leveraging the power of you company page?
3. With the features that Linked In provides, have you redesigned and optimized your processes?
4. Are all your employees who are supposed to use Linked In for official purposes, use it in a consistent way?
5. Do they follow Social media Guidelines and etiquette that enhances the social quotient and the reputation of the company?
6. Have your employee's (who are supposed to use Linked In for official purposes) profiles, been configured keeping in mind the needs of the company?

For the individuals desirous of improving the Social Media presence in general and Linked In presence in particular, additional details on how to improve the presentation of the following Linked In profile elements are explained in the document at <http://spectrumconsultingindia.com/bpmjs.pdf>

- Professional photograph
- Professional Elements of the Headline
- Profile Summary
- Skills and Expertise

RAICS-2013: International Conference on Recent Advances in Computational Systems

About RAICS: The 2nd IEEE International Conference on Recent Advances in Computational Systems (RAICS-2013) is a high quality technical forum organized by IEEE and scheduled to be held in Trivandrum, India during 19-21, December 2013. IEEE RAICS 2013 focuses on a special theme "Technologies for Bridging Cyber Physical Divide" bringing together researchers, developers and practitioners across the world. Organized into six technical tracks, IEEE RAICS 2013 features a host of highly relevant and cutting edge events including Keynote addresses, Panel sessions, Tutorials, Vendor Exhibits and Ph.D forum besides having a high quality technical program prepared by a world-wide Technical Program Committee.

Conference Theme: Cyber Physical Systems (CPSs) focus on technologies and solutions that can integrate the cyber and physical worlds. Today, an increasingly larger number of cyber systems interact with physical world entities. However, a much closer coordination between Cyber and Physical systems is critical to achieve a smarter planet, more efficient transportation, and to solve increasingly complex problems the world faces in 21st century. Many of the CPSs have to diligently mine through humongous datasets to make key decisions thus making Big Data analysis an important area of research for future CPSs. In some CPSs, the input, in physical form, is processed and transferred over a cyber-infrastructure, and produced as physical output. Hence the time sensitiveness required for the decision making in a CPS is highly critical in such applications. Therefore, network that supports a CPS must ensure critically time-sensitive traffic support, and high reliability. Further, it is expected that as many as 50 Billion physical things may be connected to the Internet by 2020, thereby, making Internet of Things (IoT) another research direction in CPSs. Complex computer communication techniques, architectures, algorithms, and addressing mechanisms are required to support such an enormously large heterogeneous network. Reconfigurable computing and communication platforms, advanced signal processing techniques, control system design, and system design for smart environments add to the areas where new innovations are critically required for effective CPS design.

Call for Papers: Consistent with above theme, we invite participation and contribution of original research works in the myriad of topics listed below as well as from related areas:

- Cyber Physical Systems • Big Data • Reconfigurable Computing • Internet of Things • Smart Systems
- Contemporary Signal Processing

For more details visit www.raics.in

Dates to remember

Last date for submission of full paper: 15-Jul-2013

Intimation of acceptance of papers: 01-Oct-2013

Camera Ready Paper and Author Registration: 01-Nov-2013

IT in May 2013



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General

- Chinese Premier Li Keqiang visits India; significant, as it is his first visit abroad after taking over in March 2013
- Honda commissioned its third plant in Kolar in Karnataka to produce 2-wheelers on May 28
- Europe cuts interest rates to boost economy; Indian Central Bank (RBI) cuts Repo rate by 25 bps on May 3
- Karnataka gets new Chief Minister with a Congress government after nearly a decade on May 8
- Scams continue to plague the Nation; Supreme Court finds fault with Government handling of coal-gate scam; Law Minister Ashwini Kumar and Railway Minister PK Bansal had to resign; Cricket lovers in India had the shock of IPL betting scandal; arrests and resignations hit the headlines throughout the month; Ranbaxy and Wockhardt muddle might cost the Indian pharmaceutical companies upwards of \$1 billion; damaging the reputation of Indian industry further
- US train accident injures many on May 18; Maoist violence in Chhattisgarh claims the life of Congress Chief Nand Patel on May 26

Technology

- India-born Ajay Bhatt of Intel and his team were honored by European Union (Patent Office) for USB invention on May 28 with European Inventor Award 2013
- University of Illinois researchers design a camera that can click photos with “180 degrees view angle” (taking a cue from Nature)
- Samsung announced on May 12 its “5G” that can transmit data at 1 Gbps speed up to a distance of 2 km, using millimeter-wave technology; expects this technology to be ready by 2020
- Indian government formally allowed quadri-cycle trial by amending the Commercial Vehicles Act on May 21; Bajaj expected to produce the first set of vehicles

Markets

- Yahoo acquires Tumblr on May 19 for a whopping \$1.1 billion
- Amidst the IPO drought, JustDial IPO on May 15 was a hit
- PC shipments in India in I quarter (Apr – Jun) touch 2.71 million (IDC)
- For markets in India, there was bad news throughout the month; by May 31, Indian stock market indices BSE Sensex and NSE Nifty fell the highest in 14 months; Indian Rupee closed at the lowest in the past 11 months; GDP growth was reported at less than 5%, lowest in a decade; gold price crashed for the second time in the year on May 15

Products

- Nokia launches its first low-cost (\$ 99) feature phone with smart phone features, Nokia Asha 501 for the global markets from Delhi in India on May 9; it also launched Nokia Lumia 925 on May 14 and Nokia Lumia 928 with Pureview camera on May 16 in Helsinki, for the global markets
- Adobe moved all products to cloud-based SaaS (no “shrink-wrapped software”)
- Google adds features to Gmail on May 27
- Samsung unveils Galaxy S4 Mini on May 30
- Panasonic launches mobile phone P51 in the Indian market on May 16
- Google Nexus Phone was launched by LG as LG Nexus 4 at Rs 25,999 in the Indian market on May 16
- Asus launched its dual OS (Windows 8 / Android) PC Transformer AIO in India

Indian IT companies

- Wipro is investing \$30 million in NJ-based “Opera”, a “big data” and “analytics” company
- Golomt Bank, the Largest private bank in Mongolia, decides to go for Finacle (core banking from Infosys) on May 1
- SIFY, one of the earlier Internet Service Provider (ISP) shuts down
- Flipkart decides to shut down its MP3 store Flyte in May (effective June)
- Issues of poor corporate governance by pharmaceutical companies Ranbaxy and Wockhardt starting to hurt India

MNC IT companies in India

- US-based storage major NetApp lays off more than 300 professionals in Bangalore on May 17

People

- 25-year old Arunima Sinha is the first woman amputee to scale the world's tallest mountain Mt Everest on May 21, demonstrating the indomitable human spirit
- Microsoft Founder Bill Gates is back to No 1 position as the world's richest man with \$ 74 billion worth (first time after after 2007) (Bloomberg)
- Intel gets a new CEO; Brian Krzanich takes charge on May 16
- Srikant "Sri" Srinivasan becomes the first US Judge from South Asia in May 23
- Chinese Premier Li Keqiang visits India, the first foreign country he visited after becoming the Premier in March 2013
- Nawaz Sharif becomes Prime Minister of Pakistan for the third time on May 30
- Siddaramaiah becomes the 22nd Chief Minister of Karnataka on May 13
- Dr. Vijay Saraswat retired as DRDO Chief on May 30
- SK Shrama is the new CAG of India; Vinod Rai retired on May 31
- Mittu Chandilya appointed as Air Asia India CEO on May 15
- Kapil Sibal and CP Joshi become Law and Railways Minister respectively, on May 11; Ashwani Kumar & PK Bansal get sacked
- Phanish Murthy of iGate gets sacked for sexual harassment case on May 21
- Dr. N Seshagiri, one of the architects of Indian IT Policy and creator of NIC, passed away on May 29

Education & Research

- N Shivakumar, a Bangalore boy who worked as newspaper vendor, makes it to IIM Calcutta after clearing CAT exam
- IAS results were out on May 6; Haritha Kumar from Kerala is the topper (first topper from Kerala after 22 years)
- JEE results on May 7; Anagh Prasad from Ranchi is the JEE Main 2013 topper
- NRI teens led by Esha Khare won the Intel Science fair for inventing a phone charger that can charge in 20 seconds
- Rajasthan Government hands over Rs 6,000 cheque to 3,50,000 students in 35,819 schools

Infrastructure

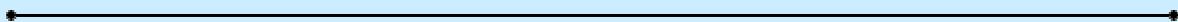
- Bangalore International Airport (BIAL), the first greenfield private sector airport in India, completed 5 years of operation on May 21
- Kerala starts sea plane service to connect tourist spots on May 30

Applications

- UIDAI launches 3 authentication services

Some interesting numbers

- Telecom subscriber base on March 31 stood at 898.02 million with 867.80 million mobile subscribers and 30.22 million wire-line subscribers (with net addition of 6.14 million mobile subscribers and -0.15 million wire-line subscribers in March 2013) (TRAI Press Release No. 38/2013 dated May 29, 2013)
- India's Foreign Exchange on May 31 at \$ 287.90 billion (RBI)
- Indian Rupee stood at 56.50 against USD on May 31 (RBI)
- Sensex (India's stock market index) on March 31 stood at 20,215 (Reuters)
- Fastest average Internet speeds in different countries - Canada with 4.529 Mbps, US with 2.469 Mbps, Australia with 2.384 Mbps, Japan with 2.074 Mbps and South Korea with 1.962 Mbps; India is way behind with 0.099 Mbps in 2012 (Cisco study)
- Apple AppStore downloads crossed 50 billion on May 18
- Apple iPhone sales touch 400,000 per month (from 40,000, thanks to monthly payment option in place of outright purchase)
- OECD claims that Indian economy has become the third largest (after US and China - moving past Japan)
- Rs 1,000 crore fund created by PMO for cyber security
- Bangalore broke the 145-year record of 91 mm rain on May 31
- As per Census 2011 released on May 23, Karnataka population is 6.1 crores and Bangalore population is 96 Lakhs



News From Sections

Kerala Section

St. Joseph's College of Engineering and Technology, Palai: iMAC 4s 2013



The International Multi-conference on Automation, Computing, Control, Communication and Compressed Sensing (iMAC 4s 2013) was organized by IEEE Kerala Section and St. Joseph's College of Engineering and Technology at Palai during 22-23, Mar 2013. The conference was intended to bring about a rendezvous where scholars and researchers from around the world could share their ideas in order to open up an opportunity for multi-disciplinary research. In the recent years, the growth of scientific and technical knowledge has promoted scientist and researchers from various discipline to join together to address complex problems which require deep seated knowledge from different perspective. This venture did bring in a wide perspective on upcoming researches going on various

fields in engineering to scholars and researcher.

The conference was inaugurated by Dr. A.V George, Vice Chancellor, M.G University, Mr. M.M Jacob, former governor of Meghalaya, His Excellency Mar Joseph Kallarangatt, Patron, St. Joseph's College of Engineering and Technology and His Excellency Mar Joseph Pallickaparambil,

In a keynote address, Dr. Delmar Marshall, spoke about the various phenomenon's that occur during lightening and detailed on the topic "Fire from ICE". The session was well received from audience and marked a perfect opening for the conference. Dr. M.V. Rajesh, Vice Chair, Educational Activities Committee, IEEE Kerala Section, gave a talk on Non-linear signal processing, its scope and research issues.

Dr. Roberto Saracco, Director of Future Center, Venice delivered an inspiring talk on "Future telecommunication networks: issues and challenges" highlighting the need of semantics network which promises to bring about a better solution on existing network technology. He encouraged the researchers to promote entrepreneurship in technology where researcher can put forward their ideas and to convert it to products that will be available in market.

Dr. K.P. Soman gave an invited talk on how to bring about a revolution that will make commodities available in abundance at a cheaper rate. He spoke on the necessity crowd funding which encourages entrepreneurs to bring about better and cheaper products. He also spoke about aqua phonics and its benefits.

Out of 634 papers received from 15 countries, 204 were selected after expert review. 175 papers were registered of which 152 were presented which will be indexed in IEEE Xplore. 40 technical experts from various leading universities in India and Abroad chaired the sessions.



The first day of the conference was ornamented by a cultural night, which included various events like dance and music. Awards were distributed to all the organizers of the conference as token of appreciation.

Eyes Free Science Camp for the Blind

Eyes Free Science Camp for the Blind & Low Vision Students – A 10 Day Summer program was held from 19th to 28th April 2013, at Kanthari, Trivandrum. The camp, organized by Chakshumathi and supported by Allianz, Technopark Thiruvananthapuram and IEEE Gold Affinity Group of the Kerala Section ended with renewed confidence on why not blind and low vision students study science and mathematics. In India and especially in Kerala, education authorities and system deny admissions for the blind and low vision students in the Science subjects in Higher Secondary level even though they obtain A+ score in these subjects in their 10th grade examinations.



This is the second year Chakshumathi is organising the camp and noted science and mathematics teachers and writers took classes in the camp along with hands on experiments. This year's camp has seen Prof. V.K. Damodaran, Prof. S. Sivasdas, Prof. M. K. Prasad, Prof. C. P. Aravindhakshan, assistive technology specialist Sarala Ram Kamal, Mathematical wizard S. Sudhakaran, IEEE Gold Chairman Er. Ranjit, Dr. Fuad Jaleel and Paul Kornenberg, Bibin Parukoor Thomas and his team of young engineers from IEEE Gold taking classes along with noted blind teachers Sabriya Tenberken, Bruce Sexton, Dr. Suresh Kumar, T. P. Vineesh kumar, Sathyaseelan, Sunny P. O., Akhil P., Manoj Kumar, Abubaker Pathanapuram, Narayanan and Lal Jose.

The campers had a chance to make windmills and see how it works with the guidance of the young engineers of the IEEE GOLD. According to Prof. V. K. Damodaran, "two teams of these visually impaired students made their model 10 minutes earlier than the TISP programme of school teachers conducted few months ago. Here the barriers are in the mind of sighted, not in the ability of these smart blind children".

On the seventh day of the ten days camp, participants camped overnight at the Jawaharlal Nehru Tropical Botanical Garden & Research Institute located at the foothills of Sahya Mountains. Students had a first-hand experience to learn on various kinds of plants and trees through, touch, smell and feel. Dr. P. G. Latha, Director and Dr. Mohanan Nair of the Garden was astonished to see the knowledge hunger of these students and said, this is a first-hand experience for the Garden to deal with blind visitors and we wonder why this invisible minority of bright people are marginalized by the sighted society? Campers who were undergoing intense mobility training in the camp did their mobility skill tests at the trekking paths of the Garden climbing uneven slopes, steps and crossing single log footbridges across streams using their white canes only. Expertise in mobility and technology is the keyword to success for the blind in the present day world.

In the ten days camp along with interesting science and mathematical lessons students were also trained thoroughly on computers, production of DAISY (Digitally Accessible Information System) books, chess games and swimming. A world record was broken at the camp by camp's youngest participant Manav Sujith (12), when he single handily converted a Malayalam version of Leo Tolstoy's book "How much land does a man need" to a DAISY book. Manav is the youngest Daisy editor in the world now. May edition of Daisy planet magazine will feature him. Daisy, the mother of e-pub is an open source publishing protocol to be used while producing books for print, so that the digital file of the print book can be accessible by the blind through Braille Displays, large font reading or printing for the low vision or as a programmed audio book with features to book mark and to navigate line by line, paragraph by paragraph, page by page or chapter by chapter by a blind person with one or two key strokes in his computer, mobile phone or in a custom Daisy player.

The best participants were presented with Angel Daisy players by Ms. Deepa Ramachandran of Allianz. This year, eight students of the 1st Eyes Free Science Camp completed their 10th examinations with excellent grades in Science and Mathematics. Five of these eight participants have opted to take computer science in their higher education. The major reason de-motivating these students from science learning is their school laboratories, which are not accessible to the blind. With few hundred thousand rupees, government can add accessible equipment to these laboratories. A budget estimate of Rs. two million is enough for converting 14 higher secondary schools where blind students are studying in Kerala, into accessible laboratories. But, as a first step, this year Chakshumathi is planning to own a mobile accessible laboratory of their own and visit schools where blind students study in the State to give them a chance to do tests and practical essential for their studies, said Ram Kamal Manoj, Director of Chakshumathi.

For video, log on to: <http://on.fb.me/1avq3BB>

For More Photos please log on to: <http://sites.ieee.org/kerala-gold/gallery/>

Report by: Bibin Parukoor Thomas

IEEE Kerala Section List of activities & achievements during March to June 2013

IEEE Kerala Section coordinated a myriad of activities to improve the membership experience of its members, promoting IEEE and its mission in the section. List of few of activities held during March to June 2013 and achievements of Kerala Section are reported here.

Wednesday Talks

IEEE Kerala Section has been organizing Wednesday Tech Talks for the benefit of its members. A list of talks organized is attached here-in.

| Date | Events | Speakers |
|------------|---|--|
| 13-03-2013 | Human Error and System Safety | Er.R.B.K.Menon, Group Head, PPEG (Retd.), VSSC, Thiruvananthapuram |
| 27-03-2013 | How to Make Projects Click in Kerala | Mr.Anilkumar Pandala, Vice President, Thiruvananthapuram Road Development Company Ltd. |
| 8-05-2013 | Green Supply Chain Management | Ms. Nidhi M.B., Assistant Professor, Department of Mechanical Engineering, Mar Baslios College of Engineering & Technology, Thiruvananthapuram |
| 15-05-2013 | ICTs and Improving Road Safety | Mr.G.Ravikumar, Scientist-F, National Transportation Planning & Research Centre (NATPAC), Thiruvananthapuram |
| 22-05-2013 | 5 S Methodologies | Mr. K.R.Mohan Ananthanarayanan, DGM-QCE, VSSC, Thiruvananthapuram |
| 29-05-2013 | Technology Evolution from Industrial Revolution to the Present Resource Limited World | Dr. Padmanabha S. Pillai, Director (Technology), M. T. I. Associates, Ohio, U.S.A. |

Achievements and Honors

A brief account of IEEE Kerala Section's achievements and honors are given below:

- The Kerala section SIGHT activity has been published in The Institute February 2013 edition <http://theinstitute.ieee.org/benefits/humanitarian-efforts/getting-a-handle-on-projects-that-serve-the-underserved>
- Model Engineering College received a grant of USD4000, from IEEE Foundation Life Member Fund for a project IBETO
- Ten volunteers from Kerala Section got selected to IEEE India Computer Society
- All three winners of the COMSOC 60th anniversary Video Contest are from Kerala Section.
 - Bibin Mathew Joseph – SJCET, Palai
 - Jibu James – SJCET, Palai
 - Joyal John Peter – SJCET, Palai

- Representation at 2013 R10 Meet at Chiang Mai, Thailand; Prof. V K Damodaran, Mr. Satish Babu, Mr. Ranjith Nair, Mr. Sabarinath Pillai
 - Prof. V K D received the IEEE Historic Life time Achievement Award
 - Mr. Ranjith received the MGA GOLD Hall of Fame award, and the MGA GOLD Individual achievement award and the R10 GOLD Award
 - Mr. Satish Babu presented SIGHT activities in R10
 - Mr. Sabarinath Pillai presented the sections expression of interest to host the 2014 R10 meet at Kerala Section
- Two students from Kerala Section announced as winners of the Richard E Merwin Scholarship for 2013
 - Mr. Pavin Prasad Abraham from RIT, Pampady
 - Mr. Rahul Ravindranath from CET, Trivandrum
- IEEE Global Appointments from Kerala Section
 - Ranjith Nair selected to the Faculty and Departments Committee of the IEEE Educational Activities Board
 - Mr. Bibin Mathew (SR) selected to the IEEE Extreme 7.0 Global Team
- PES Chapter received the R10 Small Chapter Award for 2012.
- Kerala Section Bags the IB& SC Award for the Section with the best proposals for local benefit schemes 2013.
- Kerala Student Activities organized KITES, a Technical workshop series bags the R10 Darell Chong Student Activity Award. Congratulations to MBCET and CET, the host institutions of KITES and all student/professional volunteers who worked towards this.
- Kerala IAS Chapter bags the following IAS Awards.
 - Outstanding SB Chapter – RIT, Pampady.
 - Outstanding New SB Chapter – Amrita, Kollam.
 - Chapter Web Contest – Amrita, RIT
 - Graduate Student Theses Contest – RIT (2 awards)
- Kerala Gold receives 650USD of R10 funds for the conduct of
 - Drupal and FOSS Tech Meet
 - Outbound Management Workshop for Professionals
- Amrita Vishwa Vidyapeedam SB receives IEEE Region10 Humanitarian Technology Activities (HTA) fund for its project “Wheeled Patient Monitoring System” submitted by Prof. Rajesh Kannan.

Madras Section

Faculty Development Programme on “Embedded System and its Applications to Power Systems, Power Electronics”



The IEEE Madras Section in association with IEEE SB of Arunai College of Engineering, Thiruvannamalai organized a Faculty Development Programme (FDP) on “Embedded System and its Applications to Power Systems, Power Electronics ” on 31st May and 1st June 2013. This was the 24th FDP in a series of programs aimed at improving the quality of teaching in Engineering Colleges in Tamil Nadu.

This FDP was attended by 41 faculty members of colleges and universities from all over Tamil Nadu. The coordinators of the program were Dr. N. Kumarappan, Professor of EEE, Annamalai University and IEEE Madras Section Educational Activity Chair, Treasurer, Execom Member; Dr. T. S. Sivakumaran, Dean (PG Studies), Arunai College of Engineering and Prof. J. S. Sathiyarayanan, Professor and Head of EEE, Arunai College of Engineering.

The Programme was started with an inaugural function. Dr. E. V. Kamban, Managing Director, Arunai College of Engineering has presided over the function. Dr. N. Kumarappan, delivered the inaugural address.

The resource persons for this FDP were: Dr. N. Kumarappan, Professor of Electrical Engineering, Annamalai University; Dr. S. Poornima, Principal, Hosur Institute of Technology; Dr. S. Sharmila, Professor of EEE, CEG, Anna University, Chennai; Dr. T. S. Sivakumaran, Dean (PG Studies), Arunai College of Engineering.

The topics covered include: Embedded applications in power electronics -- Introduction to embedded systems, Need for embedded systems, Designing of microcontroller based embedded system for motor control, Designing of FPGA based embedded system for motor control, A hybrid concept for real-time embedded systems controlling power electronics applications, Hybrid electric vehicle applications and electric traction. Embedded applications in power systems -- Designing of embedded system controllers for electric systems, Power control, Power inverters, Embedded operating systems for real time applications, Dynamic power management in an embedded system.

At the valedictory, Mr. R. Selvaraj, Secretary, Arunai College of Engineering distributed the Certificates to the participants. The FDP received an excellent feedback from all the participants and provided an opportunity to listen to the experts.

Report by: Dr N Kumarappan, kumarappan_n@hotmail.com

UP Section

Motilal Nehru National Institute of Technology Allahabad: SCES-2013: 2nd Students Conference on Engineering and Systems



The IEEE SB had organized the 2nd Students' Conference on Engineering and Systems (SCES 2013), sponsored by IEEE Uttar Pradesh Section and co-sponsored by IEEE Joint Societies Chapter of (IE/PEL/CS) during April 12-14, 2013 at MNNIT Allahabad on the theme "Inspiring Engineering and Systems for Sustainable Development".

A total of 310 papers were received from different countries under the technical tracks, Electrical and Power, Electronics and Communication, Computing Technology and Intelligent Systems, Mechanical Systems and Mechatronics, and Applied Sciences. After review and acceptance, total 101 papers were registered in the ORAL session and 38 papers in the DIALOGUE session of the conference. Total 128 papers were presented in the 22-technical sessions of the conference.

Prof. S. N. Singh, Chairperson IEEE Uttar Pradesh Section, took the initiative to arrange the section executive committee meetings during the technical events of the section.

The three-day conference was inaugurated by Prof. N. Kumaravel, Head, ECE Dept., Anna University Chennai. Prof. P. Chakrabarti, Director MNNIT Allahabad delivered the plenary talk of the conference on the theme "Journey of Electronics from Vacume Tubes to Carbon Nanotubes". He addressed the conference participants for their distinctive quest to keep up to date with the cutting edge technology. Mr. Paulson Samuel, Conference Chair, delivered the welcome address and Prof. Vineeta Agrawal,

Chairman Technical Committee, presented the technical report of the conference. Dr. Rajesh Gupta, Organizing Chairman, provided a brief schedule of the conference and presented the vote of thanks.

The various keynote addresses delivered during the conference include:

- Prof. N. Kumaravel on “Medical Image Reconstruction”.
- Prof. R. K. Singh, Head EED, MNNIT Allahabad on “Electric Vehicle”.
- Prof. S. N. Singh, IIT Kanpur on “Intelligent System Applications in Solving Engineering Problems”.
- Prof. Y. N. Singh, IIT Kanpur on “Peer to Peer Live Streaming Systems Issues”. His talk was streamed live facilitating section members to attend the talk on-line from their institute itself.
- Prof. S. Jit, IIT BHU Varanasi on “Non- Classical CMOS Technology: An Overview”.
- Prof. R. Tripathi, Head ECED, MNNIT Allahabad on “Advancements in Networks”.

A tutorial on “Do Engineering using LabVIEW” was presented in the conference by Mr. Ankur Jain, M/S. National Instruments.

A total six papers were honored with the Best Paper Award – three under UG category and three under PG category. The winning students belong to IIT Kanpur, BITS Pilani, NIT Rourkela, NIT Agartala and MNNIT Allahabad. Prof. R. K. Tripathi, Chairman Coordination committee coordinated the concluding session of the conference.

M V Chauhan All India Student Paper Contest – 2013 **Organised by INDIA COUNCIL**

M V Chauhan All India Student Paper Contest 2013 brings together all IEEE students members of India to discuss the latest advancements and future directions in the areas of IEEE. The contest welcomes full paper submissions from undergraduate and postgraduate students in all areas of interest to IEEE in the Engineering, Technology and Science.

Rules and Guidelines

1. The contest is open to all student members of IEEE in India under UG and PG category.
2. Original & work actually performed by the students only should be submitted.
3. Papers in any subject of interest to IEEE may be submitted
4. The number of authors for any paper should not exceed three
5. A student can be an author in more than one paper.
6. Paper should be prepared in the standard IEEE double column A4 format that can be obtained from IEEE website.
7. Length of the paper preferably should be of four pages and should not exceed six pages in the standard double column IEEE format.
8. Each entry should have a title of the paper, name of the authors, the affiliation of the author(s) as in IEEE format
9. Declaration from the branch counselor should accompany each entry in the following manner:

“It is certified that the author..... is an IEEE student member. The paper entitledis his/her own work and eligible for the M.V. Chauhan all India student paper contest 2013”

In case the institution does not have an IEEE student branch, this declaration should be signed either by a faculty member who is an IEEE member, or by the principal.

The paper and scanned copies of supporting documents should be submitted electronically through email and to be uploaded on <https://www.easychair.org/conferences/?conf=mvcpc2013>

Dr. Preeti Bajaj

preetibajaj@ieee.org, preetib123@yahoo.com

Vice Chair (Student Activities), IEEE India Council

Important Dates: Last date of Full paper submission: 15th July 2013; Review Process: 15th July to 20th August 2013
Prize declaration: 25th August 2013

Prizes: First: Rs. 6000; Second: Rs. 4000; Third: Rs. 3000. The first authors of the top three papers will be invited for presentation. The date and at the place will be announced later.

Information Resources



Compiled by
H.R. Mohan
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The Hindu, Chennai
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Commissioning Best Practices – Electrical: Commissioning electrical equipment ideally begins early in the design phase of the project and continues through the completion of functional performance testing. Read the full article at <http://goo.gl/RBLya>

Climate Change: The Moral Choices: The effects of global warming will persist for hundreds of years. What are our responsibilities and duties today to help safeguard the distant future? That is the question ethicists are now asking. Read this interesting article at <http://goo.gl/m7UeK>

10 breakthrough technologies 2013: Think of the most frustrating, intractable, or simply annoying problems you can imagine. Now think about what technology is doing to fix them. That's what we did in coming up with our annual list of 10 Breakthrough Technologies. We're looking for technologies that we believe will expand the scope of human possibilities.

10 Great Tools for Academic Research You Should Know about: Compared with how academic research was carried out in the pre-internet era, It seems like technology is really a godsend gift to researchers. From easy and unlimited access to journal articles to web tools that do the referencing and auto-syncing, everything has been digitized making it way easier for today's researchers to add to the body of the human knowledge than any time in history. As a web 2.0 researcher and a graduate student in the faculty of education in Mount Saint Vincent University, I have had the chance to experiment with a wide variety of web tools that can make your academic life much more easier. Below are some of the web tools I have been recommending to undergraduate, graduate, postgraduate and PhD students, and professors. Check them out below and make sure you share them with your colleagues, they could be in dire need for them. Enjoy reading about them at <http://goo.gl/9rJ9B>

Mobilizer: Mobilizer provides a fast and easy way to create a mobile version of your Drupal 7 website no matter how large or complex it is today. Mobilizer's easy-to-use GUI makes it simple to customize the layout, add color scheme and prioritize content for a more appealing mobile look. More at <https://drupal.org/project/mobilizer>

Internet of Things – A Thing of the Future?: The Internet of Things seems inevitable in the near future. Should you be interested? Yes. Should you be concerned? Maybe. Should you be obsessed with the idea? Not yet. Read the full post at <http://goo.gl/Af4hF>

Website: edshelf.: edshelf is a directory of websites, mobile apps, and desktop programs that are rated & reviewed by parents & educators, for parents & educators. It helps you find the right educational tools for your specific needs. One can search and filter for specific tools, rate and review tools you've used, access your tools with a single sign-on, receive recommended and featured tools, create collections of tools, and share your collections with friends and colleagues. The edshelf's intended audience includes anyone who is educating themselves or someone else, such as parents, teachers, professors, instructors, trainers, tutors, coaches, homeschoolers, self-motivated learners, etc. Visit at <https://edshelf.com/>

Video: LeWeb 2013 sessions at London: Launched in Paris in 2004 by Loic and Géraldine Le Meur, LeWeb has become Europe's leading Internet conference on innovation and entrepreneurship. LeWeb is an exceptional entrepreneurial gathering, bringing together hundreds of Internet start-ups and companies, leaders, innovators, venture capitalists, journalists and bloggers. The program focusing on the New Sharing Economy with thought leaders and key players shaping the sharing movement: Airbnb, ETSY, ZipCar, TaskRabbit, LendingClub and so many more will join us onstage. This movement represents a major economic, social and cultural shift and is redefining the ways goods and services are exchanged, valued and created. We will explore the economics of the sharing economy movement and why it might mean the end of consumerism, as we know it. We will also feature a number of totally new players who will launch at LeWeb London, such as Lily Cole, Chris Chabot and Julien Smith. Watch this video of complete presentations hrs 43 min at <http://goo.gl/Qc8TI>

Video: China straddling bus (5 min): Youzhou Song (bus designer) presents a giant bus that drive over cars translated into English and with English caption subtitle. China will build some huge buses that will allow smaller cars to pass by under them in order to relief urban traffic. Watch this video at <http://goo.gl/d1Kpo>

Video: Future Transportation (6min 24 sec): This video features 52 of the most interesting potential transportation solutions for the future. Developed by all sorts of organizations from across the world, which of these vehicles will become a lot more commonplace in the years to come? Watch it at <http://goo.gl/TpeSB>

The story behind India's fastest supercomputer: Recently, C-DAC launched India's fastest supercomputer in PARAM Yuva – II, and in the process became the first R&D institution in India to cross the 500 teraflops milestone. Read it at <http://goo.gl/JRth4> to know how the team achieved the milestone.

A Green Software Development Life Cycle for Cloud Computing: Cloud computing's recent proliferation has received attention from green crusaders hoping to mitigate the carbon footprint of large datacenters and IT infrastructures, but what about the software? A new framework for a greener cloud focuses on energy-efficient software development. Cloud computing's recent proliferation has received attention from green crusaders and researchers hoping to mitigate the carbon footprint of large datacenters and massive IT infrastructures. However, the energy efficiency of the software development process hasn't received as much attention. The authors present a framework for a greener cloud, focusing on an energy-efficient software development life cycle. This article at <http://goo.gl/CQ2Hb> is part of a special issue on green IT.

Webinar: Teaching Engineering Through Theory, Simulation, and Experimentation: Many engineering topics can be taught successfully using a progression from theory to computer simulations to related hardware experiments. This progression reinforces the overall understanding of the topic, and also highlights the differences between the three ways to think about the concept. This 37 min webinar illustrates the ways that educators can reinforce engineering concepts using the combination of theory with simulations and hardware experiments. We also demonstrate that MATLAB is a very powerful tool to support this teaching technique, for concepts such as uniform and Gaussian distributions and modern communication theory, among other examples. Pl. visit <http://goo.gl/3kBjh>

Webinar: Four Critical Engineering Leadership Skills That Drive Profits and Innovation: View this 55 min webinar where engineering leadership experts share strategies to improve your project and team management skills and increase productivity and profitability in 2013. They provide practical and applicable tips to help you become a better project team leader who can align people and goals with project requirements and enterprise perspective. Start on a path to help reduce risk and improve products and profitability with the following skills every engineering leader should have. Self-Leadership - improve communication style to inspire and lead; People Management – coach, mentor and educate teams to boost productivity; Operational Processes – identify core technologies to improve project outcomes; and Organizational Alignment – align people with organization vision and mission. Pl. visit <http://goo.gl/qi3nd>

Book: Writing in the Technical Fields: A Step-by-Step Guide for Engineers, Scientists, and Technicians: Using an informal, hands-on approach, this practical guide reviews the basics of good technical writing. It provides a simple, effective system for writing all types of technical documents including letters, memos, minutes, procedures, manuals, proposals, progress reports, and final reports. You will gain a better understanding of the writing process and learn how to: improve the coherence of your writing, write better paragraphs, write better sentences, choose the right word and more. IEEE members can access this book free at <http://goo.gl/Y6ew6>

Book: Tomorrow's Professor: Preparing for Careers in Science and Engineering: Tomorrow's Professor is designed to help you prepare for, find, and succeed at academic careers in science and engineering. It looks at the full range of North American four-year academic institutions while featuring 30 vignettes and more than 50 individual stories that bring to life the principles and strategies outlined in the book. Tailored for today's graduate students, postdocs, and beginning professors, Tomorrow's Professor: Presents a no-holds-barred look at the academic enterprise; Describes a powerful preparation strategy to make you competitive for academic positions while maintaining your options for worthwhile careers in government and industry; Explains how to get the offer you want and start-up package you need to help ensure success in your first critical years on the job; and Provides essential insights from experienced faculty on how to develop a rewarding academic career and a quality of life that is both balanced and fulfilling At a time when anxiety about academic career opportunities for Ph.D.s in these field is at an all-time high, Tomorrow's Professor provides a much-needed practical approach to career development. IEEE members can access this book free at <http://goo.gl/dcLRg>

Book: The Web's Awake: An Introduction to the Field of Web Science and the Concept of Web Life: The central thesis of The Web's Awake is that the phenomenal growth and complexity of the web is beginning to outstrip our capability to control it directly. Many have worked on the concept of emergent properties within highly complex systems, concentrating heavily on the underlying mechanics concerned. Few, however, have studied the fundamentals involved from a sociotechnical perspective. In short, the virtual anatomy of the Web remains relatively uninvestigated. The Web's Awake attempts to seriously explore this gap, citing a number of provocative, yet objective, similarities from studies relating to both real world and digital systems. It presents a collage of interlinked facts, assertions, and coincidences, which boldly point to a Web with powerful potential for life. IEEE members can access this book free at <http://goo.gl/s1tfD>

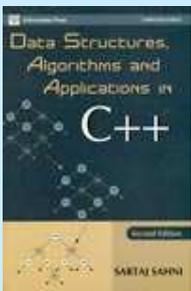
Books



8086 Programming and Advance Processor Architecture

Author: M.T. Savaliya
Published by: Wiley India Pvt. Ltd.
Pages: 348.
Price: Rs. 399/=

This book is designed as a text for one semester course that covers microprocessor programming and architectures of advance processors. It covers the architecture and programming of the popular Intel 16-bit microprocessor 8086 in depth; the architectural features of the 80286/386/486 processors; the protected mode software model of the 80386 including segmentation, protection, paging and multitasking; the technical overview of the Pentium family and finally overview of the RISC features with Sun SPARC overview. Useful to the students of many science and engineering branches including Computer Science/Engineering, Electronics Engineering, Electrical Engineering, Instrumentation and Control Engineering, M.Sc. in Electronics, M.Sc. in Information Technology and many more. More about the book at <http://goo.gl/tz4x7> Readers of ICNL can get this book at 20% discount with free shipping. Contact: abbhardwaj@wiley.com (This book is being given as a prize to the TechQuiz Winners)

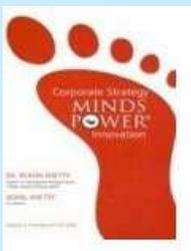


Data Structures, Algorithms and Applications in C++

Author: Sartaj Sahnii
Published by: Universities Press.
Pages: 832.
Price: Rs. 395/=

This book, with a comprehensive coverage of fundamental data structures, makes it ideal for use in computer science courses. It makes significant use of the Standard Templates Library (STL) and relates the data structures and algorithms developed in the text to corresponding implementations in the STL. This book includes many examples and exercises. Real-world applications are a unique feature of this text. The author provides several applications for each data structure and algorithm design method discussed, taking examples from topics such as sorting, compression and coding, and image processing. There are almost 1,000 exercises, including comprehension and simple programming problems, and projects. Additionally, the book has an associated web site that contains all the programs in the book, sample data, generated output, solutions to selected exercises, and sample tests with answers. Pl. visit: <http://goo.gl/gMY6l> for more info. (This book is being given as a prize to the TechQuiz Winners)

Introduction to Soft Computing: Neuro-Fuzzy and Genetic Algorithms: Soft computing is a branch of computer science that deals with a family of methods that imitate human intelligence. This is done with the goal of creating tools that will contain some human-like capabilities (such as learning, reasoning and decision-making). This book covers the entire gamut of soft computing, including fuzzy logic, rough sets, artificial neural networks, and various evolutionary algorithms. It offers a learner-centric approach where each new concept is introduced with examples/instances to train the learner. Authors: Samir Roy & Udit Chakraborty. Published by: Pearson Education. Pages: 608. Price: Rs. 401. More on the book at <http://goo.gl/ciL9j> Readers of ICNL can get this book at 20% discount with free shipping. Contact: john.mathews@pearson.com (This book is being given as a prize to the TechQuiz Winners)



Corporate Strategy Minds Power innovation [Paperback]

Rekha Shetty
Published by: Mindspower Publications
Pages: 190
Price: 295/=

The lack of resources forces us to innovate. Tough times help us adapt. Bad times are good for you because they help you reduce costs, to do things better and more efficiently. Tough times force you to think outside the box or even eliminate the box. This book will help you achieve excellence even in the worst times, through Minds Power Innovation. In this book, after defining and briefing on the importance of creativity and innovation, the author explains the need for the Indian corporations to innovate, strategies. Her Minds Power Process map explains the stages such as problem statement, idea generation, incubation, analysis and implementation with an matrix of actions and outcomes of people, policies & practices, mind space and change management. In essence, this book presents interesting quotes, narratives, cases, personal experiences and well-researched tools for individuals and corporates to adopt creative methodologies for their success, besides gaining competitive advantage through innovation. A must read for those, engaged in corporate transformation and seek a roadmap to achieve higher levels of creativity and innovation. This book is available at all outlets and online retailers. More about the author and her blog at <http://mindspower.com/> (This book is being given as a prize to the TechQuiz Winners)

TechQuiz – 2013-06

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

1. Under the Global IT Challenge which aims to award innovative uses of technology, Google has recently rewarded UKP 500000 to a project that uses Raspberry Pi computers to curb the illegal poaching of -----
2. ----- is the electronic surveillance program operated by the US National Security Agency since 2007 to collect data of users such as email, video and voice chat, videos, photos, voice over IP conversations, file transfers, login notifications and social networking details.
3. BSNL proposes to shut down -----, one of India's oldest communication services from 15th July 2013
4. ----- will replace C++ in the XI and XII classes of CBSE. However, until 2015, option exists to study C++.
5. Recently, through ----- IEEE started to offer its members expanded capabilities in professional networking and collaboration.

Email your answers by **10th Jul 2013** to ieee.techquiz@gmail.com with subject **“techquiz-2013-06”**. Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers.

There are FOUR prizes to win. The 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), **Universities Press** (www.universitiespress.com), **Pearson Education** and **Dr. Rekha Shetty**, the author of the book “Corporate Strategy Minds Power Innovation”. Answers along with the winners' info will be published in the next issue.

Answers & Winners of TechQuiz-2013-05

- Eric Bina, Vienna, Abraham Lincoln, Eye-triple-E, 99.99966%
- “Nanotechnology: The Science of Small” from Wiley India to B.Venkata Ramana (Chennai)
- “Know Your English (Vol. 2): Words Frequently Confused” from Universities Press to Arnav Mendiratta (Gurgaon)



Universities Press

Publish with us

Universities Press India Private Limited is an associate of Orient Blackswan Private Limited – a wholly Indian publishing company known for publishing quality books since 1948—dealing with higher academic publishing in the area of science and technology. Our products—books in the areas of science, technology, management and medicine—are oriented towards meeting the needs of the education and research community. Our tradition of nurturing high-quality books has attracted distinguished authors and resulted in collaborative publishing agreements with learned academies and professional societies within India as well as with publishers of repute outside India.

The range of books in our technology list caters to a whole spectrum of readership: introductory-level textbooks to reference books.

We invite faculty members and professionals to explore the experience of publishing with us. We offer high quality editorial, production, sales and promotion support. If you have a publishing proposal in your area of specialization, we will be happy to hear from you. The publication proposal form can be accessed from our website www.universitiespress.com alternatively, you may please write to info@universitiespress.com

Leadership Nuggets from Abraham Lincoln

“It is true that you may fool all of the people some of the time; you can even fool some of the people all of the time; but you can't fool all of the people all of the time.”

“He has a right to criticize, who has a heart to help.”

“The best way to predict your future is to create it”

IEEE India -- Forthcoming Events

- IEEEHyd-COW: 2nd Conference Organizers Workshop. June 23, 2013 at CR Rao AIMSCS, University of Hyderabad, Gachibowli, Hyderabad. Dr Amit Kumar at amit.kumar@ieeehyd.org
Website: https://meetings.vtools.ieee.org/meeting_view/list_meeting/17721
- ICACCI-2013: IEEE International Conference on Advances in Computing, Communications and Informatics. August 22-25, 2013 at Sri Jayachamarajendra College of Engineering (SJCE), Mysore. Last date for submission of papers for Main Tracks and Special Sessions: March 30, 2013 and for Workshops and Affiliated Symposiums: April 30, 2013. Contact: Dr. Manjunath Aradhya, Mobile: 09886896108 E-mail: aradhya.mysore@gmail.com Website: <http://icacci-conference.org/>
- RIPOC' 13: National Conference on Recent Innovations in Power Systems Operation & Control. June 28 – 29, 2013 at Mohandas College of Engineering & Technology, Anad, Trivandrum. Last date for registration: April 29, 2013. Contact: Mr. Mahesh M, Email : ripoc13@gmail.com Mobile: 09544483250. Website: www.mcetonline.com/ripoc13
- ICHCI' 13: IEEE International Conference on Human Computer Interactions. August 23-24, 2013 at Saveetha University, Chennai, India. Website: <http://www.ichci.in/>
- GHTC SAS 2013: IEEE Global Humanitarian Technology Conference. August 23-24, 2013 at Technopark, Trivandrum, Kerala, India. Last date for paper submission: March 29, March 2013. Contact: sbabu@ieee.org Website: <http://www.ghtc-sas.org/>
- 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/>
- Project Management National Conference, India 2013. September 27-28, 2013 at The Leela Kempinski, Gurgaon, NCR - New Delhi. Theme: Project Management - Bringing Certainty in Uncertain Times. Last date for Abstract Submission: Apr. 15, 2013. Website: <http://www.pmi.org.in/conference2013/>
- C²SPCA 2013: International Conference on Emerging Trends in Communication, Control, Signal Processing and Computing Applications. October 10-11, 2013 at Oxford College of Engineering, Bengaluru, India. Website: <http://www.c2spca.com>
- 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/>
- UTW-2013: International Workshop on Underwater Technology. October 21, 2013 at NIOT, Chennai. Contact: utw2013@niot.res.in Website: www.niot.res.in/utw2013
- SYMPOL-2013: International Symposium on Ocean Electronics. October 23-25, 2013 at Kochi, India. Contact: 1 Dr.P.R.S. Pillai, Email: prspillai@cusat.ac.in Mobile: +91 484 2576418 and Dr.M.H. Supriya, Email: supriya@cusat.ac.in Mobile: +91 484 2576418. Website: <http://sympol.cusat.ac.in/>
- IEEE CATCON 2013: IEEE International Conference on Condition Assessment Techniques in Electrical Systems December 6-8, 2013 at Jadavpur University, Kolkata, India. Last date for full paper submission: July 15, 2013. Contact: catcon2013@gmail.com Tel: +91 33 2414 6949 , +91 98300 92189, +91 90511 64988. Website: www.catcon2013.org
- ACC 2013: Second International Conference on Advances in Cloud Computing. 19-20, Sep 2013 at Bangalore. Contact: Dr. Anirban Basu at abasu@pqrsoftware.com
- ICICN-2013: International Conference on computational Intelligence and Communication Networks. September 27-29, 2013 at GLA University Mathura. Last date for paper submission: April 30, 2013. Contact: GS Tomar. Email: gstomar@ieee.org Ph: 09425744460. Website: www.cicn.in
- ISGT ASIA – 2013: Innovative Smart Grid Technologies Conference. November 10-13, 2013 at Bangalore, India. Last date for paper submission: 20th June 2013. Contact: pesbangalorechapter@gmail.com Phone: +91-80-42455555. Website: <http://ieee-isgt-2013.asia/>
- CUBE 2013: Theme: “Cloud & Ubiquitous Computing & emerging Technologies”. November 15-16, 2013 at MCCIA Trade Tower, Pune India. Last date for manuscript submission: June 15, 2013. Contact: Prof. Vidyasagar Potdar, General Chair, info@thecubeconf.com or Prof. Rajesh Ingle, Program Chair, ingle@ieee.org (mobile: +91 9822 457390). Website: <http://www.thecubeconf.com/academic/> Submission page: <https://www.easychair.org/conferences/?conf=cube2013>
- IMPACT-2013: International Conference on Multimedia, Signal Processing and Communication Technologies. November 23-25, 2013 at Dept. of Electronics Engineering, Aligarh Muslim University, Aligarh, India. Last date for

paper submission: 31st May 2013. Contact: Prof. Ekram Khan, Ph: 09457110112, Email: ekhan67@gmail.com Website: <http://www.electronics-amu.com/impact-2013.html>

- ISED-2013: 4th International Symposium on Electronic System Design. December 12-13, 2013 at Nanyang Technological University, Singapore. Paper Submission Due on 31st May 2013. Website: <http://ised.seedsnet.org/>
- 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/>
- INDICON 2013: Theme: "Impact of Engineering on Global Sustainability". December 13-15, 2013 at Victor Menezes Convention Centre, IIT Bombay, India. Last date for manuscript submission: June 15, 2013. Contact: Prof. Suryanarayana Doolla, Publication Chair, suryad@iitb.ac.in (mobile: +91 96190 46767) or Mr. Ashok Jagatia, General Chair, ashok@acevin.com (mobile: +91 98212 42200). Website: <http://www.indicon2013.org>
- ANTS-2013: 2013 IEEE International Conference on Advanced Networks and Telecommunications Systems. December 15-18, 2013 at SRM University, Chennai, India. Contact: hod.itce@ktr.srmuniv.ac.in
- ICSISPD-2013: Sustainable Innovation and Successful Product Development for a Turbulent Global Market. December 16-18, 2013 & Special Workshop on Doctoral Research. December 17, 2013 at Chennai, India. Last date for submission of abstracts: 15th May 2013. Contact: Prof. Dr. K.Chandrasekaran. Email: kesavan.chandrasekaran@gmail.com Website: <http://icsispd2013.org/>
- RAICS 2013: 2nd IEEE International Conference on Recent Advances in Computational Systems. Theme : "Technologies for Bridging Cyber Physical Divide". December 19 - 21, 2013 at Mascot Hotel Trivandrum, Kerala, India in association with Indian Institute of Space Science and Technology, Trivandrum. Last date for manuscript submission: July 15, 2013 (likely to be extended). Website: www.raics.in
- ICMIRA-2013: International Conference on Machine Intelligence Research and Advancement. December 21, 2013 at Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir. Contact: Email: icmira@icmira.com Mobile: +91-9419165834, Website: www.icmira.com
- ICSE-2014: 36th International Conference on Software Engineering. June 1-7, 2014 at Hyderabad International Convention Centre, Hyderabad. Deadline: June 15, 2013 for Mentoring program. Deadline: September 13, 2013 for Research papers. Deadline: January 14th, 2014 for Posters track. Website: <http://2014.icse-conferences.org/>

Guidelines to provide information to get listed in the Forthcoming Events Column

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 **THROUGH THE SECTION OFFICE BERAERS** by email to ieeeindiainfo@gmail.com **Pl. note that direct emails from the organisers will not be entertained.** This decision has been taken by India Council Execom to ensure that the events are authorized /approved by IEEE OUs.

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

Event name (short name: full name)
Dates of the event (month dates, year)
Place of the event (institute & city)
Deadline for call for papers (if any)
Contact details (name, phone, email id)
Website

We request the details be provided with the above information in the format in which the events are listed above. For example,

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INDICON 2013: Theme: "Impact of Engineering on Global Sustainability". December 13-15, 2013 at Victor Menezes Convention Centre, IIT Bombay, India. Last date for manuscript submission: June 15, 2013. Contact: Prof. Suryanarayana Doolla, Publication Chair, suryad@iitb.ac.in (mobile: +91 96190 46767) or Mr. Ashok Jagatia, General Chair, ashok@acevin.com (mobile: +91 98212 42200). Website: <http://www.indicon2013.org>

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

Announcements

UTW-2013: International Workshop on Underwater Technology

We are happy to announce that a one day workshop on Underwater Technology is being organized by National Institute of Ocean Technology (Organization under Ministry of Earth Sciences) and IEEE OES India Council on 21st October 2013. Leading national and international scientists working in the area of underwater technology are expected to deliver lectures on the following themes:

- Deep Sea Technologies & Ocean Mining
- Underwater Vehicles
- Underwater Acoustics
- Ocean Observation Systems

Professionals and students working in this area in different Research & Development Organizations and Educational Institutions are invited to participate in the same and derive benefit from the interaction with the renowned experts. The details are available at www.niot.res.in/utw2013

National Institute of Ocean Technology (NIOT) Chennai: National Institute of Ocean Technology (NIOT) is involved in developing reliable indigenous technology to solve the various engineering problems associated with harvesting of non-living and living resources for the last two decades. www.niot.res.in

IEEE Oceanic Engineering Society India Council: India Council of IEEE Oceanic Engineering Society was established on 25th September 2008 at National Institute of Ocean Technology (NIOT), Ministry of Earth Sciences, Govt of India, Chennai. http://www.ewh.ieee.org/r10/india_council/chapters/oe/oenews.html

Student Poster Presentation: In order to inculcate interest and trigger innovative ideas in the area of underwater technology, students are encouraged to submit their abstracts for poster presentation during UTW13 at NIOT, Chennai. Abstracts are to be submitted latest by **5th July 2013**. Selected students will be invited to submit full-length paper and shall be asked to present their poster on **21st October 2013**. Among the posters presented, Eminent Experts would select and announce the **Best Poster Award**.

Abstracts to be submitted online at www.niot.res.in/utw2013

Registration details

| | |
|----------------------|--|
| Non IEEE members | : Rs.2000 |
| IEEE student members | : Rs.1000 (On first come first served basis) |
| IEEE members | : Rs.1500 |

Note: Registered participants of SYMPOL2013 would get a discount of 50% in UTW2013 registration.

For any further clarification, you may contact the organizing committee at utw2013@niot.res.in

2014 MGA positions

The IEEE Member and Geographic Activities (MGA) Nominations and Appointments (N&A) Committee is soliciting nominations for 2014 MGA Committee Member and Liaison positions. For a complete list of available MGA positions, the MGA online nomination form, and information on the MGA Nominations and Appointments process, pl. visit <http://goo.gl/Iwuts> 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 August 2013.

MGA Committee Members

- IEEE Admission and Advancement Committee
 - Each Region Director appoints one member
- MGA Awards and Recognition Committee
- IEEE Center for Leadership Excellence Committee
- MGA Geographic Unit Operations Support Committee
- MGA Graduates of the Last Decade (GOLD) Committee
- MGA iee.tv Advisory Committee
- MGA IT Coordination and Oversight Committee

- IEEE Life Members Committee
- MGA Member Benefits Portfolio Advisory Committee
- MGA Nominations and Appointments Committee
- MGA Potentials Editorial Board
- MGA Strategic Direction and Environmental Assessment Committee
- MGA Student Activities Committee
- MGA vTools Committee
- IEEE Women in Engineering Committee

MGA appointments to other organizational unit boards/committees (one MGA-appointed voting member each, unless otherwise noted)

- IEEE Conferences Committee (two members)
- IEEE Educational Activities Board (EAB) (two members)
- IEEE New Initiatives Committee
- IEEE Publication Services and Products Board (PSPB)
- IEEE TAB/PSPB Products and Services Committee

MGA Liaisons to other organizational unit boards/committees (one MGA-appointed non-voting liaison each)

- IEEE History Committee
- IEEE Standards Association Board
- IEEE Technical Activities Board

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 in the standard format. 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.

Acknowledgement: IEEE India Info wishes to acknowledge all the sources for the information published in this issue of the newsletter.

Address for communication: Address all your communications relating to IEEE India Info to the Editor at: H.R. Mohan, AVP-Systems, The Hindu, Chennai – 600002. Phone: 044-28576411. Email: hrmohan.ieee@gmail.com

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