

IEEE R10 News and Highlights

2013 IEEE Annual Election Result

The voting membership of IEEE annually elects officers that serve on the top-tier IEEE governing bodies. Below are the unofficial results of the 2013 Annual Election for the posts of the IEEE President-Elect 2014.

2014 IEEE President-Elect: Howard E. Michel



Prof. Howard E. Michel and Prof. Tariq S. Durrani were both nominated by the IEEE Board of Directors as candidate for the position of IEEE President-Elect 2014. Of the members who voted, (23,745) selected Howard E. Michel, and (20,407) selected Tariq S. Durrani.

Congratulations Prof. Howard E. Michel!



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IEEE Life Sciences Grand Challenges Conference 2013

The IEEE Life Sciences Grand Challenges Conference (LSGCC), organized by the Life Sciences Initiative (<http://lifesciences.ieee.org>), convened on December 2-3, 2013 on the campus of the National University of Singapore (NUS). Interactive collaboration between engineering and life sciences emerged as the key ingredient for tackling the Grand Challenges. Speakers and participants came from many countries including Australia, Canada, China, Finland, France, Germany, Hong Kong, India, Iran, Japan, Malaysia, Myanmar, New Zealand, Pakistan, South Korea, Switzerland, United Kingdom, USA and Singapore, and shared common themes affecting people in all parts of the world.

IEEE Life Sciences sets the stage for Solving Real World Issues through International Collaboration

Dr. Nitish Thakor, Conference Chair, and Dr. Moshe Kam, IEEE 2011 President opened the conference by highlighting the pivotal nature of Life Sciences for the opportunities and challenges presenting to people around the world. The IEEE Life Sciences was recently established to engage participants in these fields, and to broaden the roles and recognition for IEEE and IEEE Societies in the Life Sciences.

The inaugural speeches of the conference were presented by Ms. Yong Ying-I, Permanent Secretary, National Research and Development, Singapore and by Dr. Tan Chorh Chuan, President of NUS. In her role as Directing National Research and Development, Singapore, Permanent Secretary Ms. Yong Ying-I presented many historic and current accomplishments of Singapore, some new initiatives, and future directions. She also highlighted the need for solving major healthcare problems, such as aging, and promoting interdisciplinary research and international collaboration.

Dr. Tan Chorh Chuan framed the significance of the Conference in terms of three critical factors: (1) working across interfaces; (2) translating science and engineering methods into useful applications; and (3) focusing attention on the key challenges. Sparking the conference dialog, Dr. Chuan said “this is a conference that seeks to engage with real world issues. It challenges participants to problem-solve the world’s grand challenges, and to participate in a deeper discussion about how we can work together to approach these in an effective and socially responsible manner.”

Life Science Grand Challenges Conference 2013
2&3 Dec 2013, U-Town, National University of Singapore (NUS)



Left to Right: Bruce Wheeler, Alan Finkel, Sir George Radda, Nitish Thakor (LSGCC Conference Chair), Yong Ying-I (Permanent Secretary, National Research & Development), Tan Chorh Chuan (NUS President), Moshe Kam, Benjamin W Wah, YT Zhang (LSGCC Program Chair)

The conference sessions were recorded and will be made available in early 2014. Visit the IEEE [Life Sciences Portal](#) to see highlights of the talks, interviews with speakers and presentations. Join the IEEE Life Sciences Community to receive the IEEE [Life Sciences Newsletter](#) where selected articles based on LSGCC presentations will be published.

Bruce A. Hecht, Bichlien Hoang, and John Walz, members of IEEE Life Sciences Executive Committee

IEEE R10 - News & Highlights

2013 R10 Outstanding Volunteer Award

It is my pleasure to announce the winners of the 2013 R10 Outstanding volunteer Award.

We received eleven nominations and selected the following five members as the recipients of this award after thorough review by the R10 Awards & Recognition Committee:

- **Peter Howard Over (New Zealand North Section, New Zealand)**
- **Ohno Eiichi (Tokyo Section, Japan)**
- **Sanjib Kumar Panda (Singapore Section, Singapore)**
- **Arup Dasgupta (Gujarat Section, India)**

- **Sasi P M (Kerala Section, India)**

Congratulations to the award winners for their excellent works and contributions.

Peter Howard Over will be invited to attend the 2014 R10 Annual Meeting where a certificate of this award will be presented. Award certificates for Ohno Eiichi, Sanjib Kumar Panda, Arup Dasgupta and Sasi P M will be presented to the representative of pertinent Section of the recipient at the same meeting for further presentation to each recipient at an appropriate event of the Section.

We would like to thank R10 Sections for their interest and nominations for this award.

We appreciate the works and contributions of all nominees, although we could select only limited number of them as the award recipients.

Kukjin Chun
2013-14 IEEE R10 Awards & Recognition Committee
Chair

IEEE R10 MGA Awards

The following are recipients of MGA Awards for their outstanding contributions to numerous IEEE activities and for carrying forward the goals and objectives of the MGA Board:

Mini Thomas (Delhi Section) - 2013 MGA Larry K. Wilson Transnational Award

For outstanding innovation and leadership in IEEE member and student member development and engagement, global dissemination of the IEEE message, and collaboration across organizational units.

Darrel Chong (Singapore Section) - 2013 MGA Leadership Award

For exemplary leadership and global contributions to IEEE, especially membership development and humanitarian activities in Region 10.

Sateesh Babu (Kerala Section) - 2013 MGA Achievement Award

For continuous efforts in member engagement and development by promoting humanitarian technologies and fostering collaboration between the IEEE Computer Society and the Computer Society of India.

Eiichi Ohno (Tokyo Section) – 2013 MGA Achievement Award

For promoting IEEE Milestones and for the success of the IEEE Technical Tour of Japan, through collaboration with geographic units, industry, and academia.

Rayees Amar Nishad (Kerala Section) - 2013 MGA GOLD Achievement Award

For exceptional leadership and outstanding contributions to IEEE young professional programs in Region 10.

Manjunath Iyer (Bangalore Section) -2013 MGA GOLD Achievement Award

For continuous support to the IEEE Teacher In-Service Program (TISP) and Student Transition & Elevation Partnership (STEP) events.

Ajin Baby (Kerala Section) - 2013 MGA GOLD Achievement Award

For outstanding leadership in bringing students and young professionals together through innovative activities in IEEE Kerala Section and Region 10.

Muhammad Maroof Raza (Lahore Section) - 2013 MGA GOLD Achievement Award

For outstanding dedication and contributions to IEEE young professional activities in South Asia

Josheel Pranlal (New Zealand North Section) – 2013 MGA GOLD Achievement Award

For supporting IEEE young professional activities in the IEEE New Zealand North Section through effective engagement with student branches and local professional organizations.

Toshio Fukuda
Region 10 Director

2013 R10 WIE Professional/Student Volunteer Award

R10 WIE Professional/Student Volunteer Award has been established to recognize individuals who have exhibited exemplary and substantive leadership of an extraordinary nature in implementing activities which support the visions of R10 WIE at the local, regional, national, and/or international level.

This year, the R10 WIE Committee received 4 nominations for Professional Volunteer Award, and 7 nominations for Student Volunteer Award. After careful consideration, the Committee has selected the following WIE members as the winners of 2013 IEEE R10 WIE Professional/Student Volunteer Award.

The Winner of the R10 WIE Professional Volunteer Award: Dr. Celia Shahnaz (Bangladesh WIE)



Dr. Celia Shahnaz is the founder for the IEEE Bangladesh Section. She demonstrated strong leadership for promoting outstanding and innovative activities for the Bangladesh WIE. Her dedicated performances are really respectable.

The Winner of the R10 WIE Student Volunteer Award: Ms. Rabail Raza (Pakistan WIE Forum)



Ms. Rabail Raza is a very active student for promoting various WIE activities in Pakistan WIE Forum. She takes many initiatives and her actions inspire others to learn more about WIE. She must be an outstanding role model for young female students.

Congratulations to Dr. Celia Shahnaz and Ms. Rabail Raza.

Takako Hashimoto
R10 WIE Coordinator

IEEE Sections Congress 2014 ***Inspiring Our Leaders of Tomorrow***

The next triennial IEEE Sections Congress will be held from 22-24 August 2014 at Amsterdam RAI-Exhibition and Convention Center in Amsterdam, Netherlands. The theme for the Section Congress 2014 (SC'2014) is "Inspiring Our Leaders of Tomorrow" reflecting the IEEE endeavour of motivating its member to play leading roles in their professional and volunteer work.

The Sections Congress provides an excellent opportunity for IEEE volunteers from around the world to participate in a truly unique event.

The congress provides the attendees to increase their leadership skills and to gain a working knowledge of IEEE by:

1. Increase member engagement and Section vitality
2. Provide training to
 - Develop leadership skills
 - Enable and nurture volunteering efforts
 - Share best practices
 - Learn about available programs
3. Provide opportunities for networking at grass-roots level

The Sections Congress is also a venue to express concerns and opinions through the recommendations process. The recommendations that the Section Delegates vote on are then used by the IEEE Board of Directors to guide IEEE into the future. Region 10 will soon be calling members to submit their recommendation, which will be forwarded to the SC'2014 organizers for review and if necessary edit for clarity and remove duplication before presenting for voting by the primary delegates.

For further information please visit: [SC'2014 website](http://sc2014.ieee.org) or email to sc-coordinator@ieee.org

Zia Ahmed
R10 SC2014 Coordinator

IEEE partners with Singapore National Research Foundation on technopreneurship event

If you are interested in commercializing the results of your technical expertise, your IEEE connections may help to open doors.

IEEE just began a partnership with the Singapore National Research Foundation on Asia's premier technopreneurship event Techventure (www.techventure.com.sg). Techventure is Asia's premier event for commercialization of technology innovations and aims to bring the technology research, start-up, investment and business communities together; to promote business discussions and deal-making between the communities. IEEE members were entitled to a discount either as conference delegate or as exhibitor.

Techventure 2013 was held on 25-26 September 2013 at the Suntec Singapore International Convention and Exhibition Centre. It's a premier regional platform for technology innovation and enterprise, offering

opportunities for start-ups to network and seek investments. This event is organized annually by the National Research Foundation (NRF), Prime Minister's Office, Singapore in collaboration with government bodies such as A*STAR Exploit and SPRING Singapore.

It was a high profile event. The Guest of Honour that launched Techventure this year is none other than Singapore's Deputy Prime Minister and Chairman of the NRF, Mr. Teo Chee Hean. Some of the leading speakers at Techventure 2013 include Jenny Lee, Forbes' 2013 top female venture capitalist in the world, Bill Tai, angel investor in popular social media app Tweetdeck, Kevin Hale, partner at Y Combinator and Edith Yeung of Dolphin Browser (Dolphin is the most popular third-party browser on Android and iOS).

Apart from keynote speakers, there were also separate breakout sessions focusing on information and communications technology (ICT), green energy, biomedical and water technology sectors. There was also a discussion/networking area making it easier for side meetings and deal discussions to take place. A prominent part of the event was a business pitching competition, in which high tech startups from ICT and engineering sectors competed for not just the award trophies, but perhaps more importantly the attention of venture capitalists and angel investors.

IEEE and Techventure plan to continue the partnership in years to come.



Techventure panel discussion

*Helene Hoi-Ying Fung,
Senior Strategy and Business Development Manager,
IEEE*

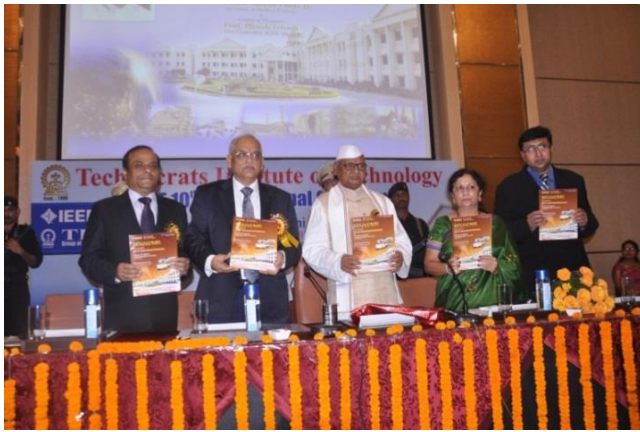
IEEE 10th International Conference on Wireless and Optical Communications Networks

The Technocrats Institute of Technology (TIT), Bhopal successfully organized the conference during July 26th to July 28th. The conference was preceded by two successful Tutorial Sessions held on 26th July at TIT, after a brief inaugural ceremony held in the presence of a strong team from IEEE MP Sub-Section and organizers (TIT). The tutorials were conducted by eminent speakers and addressed very topical issues and covered topics:

1. Optical Network Systems and devices, by Dr. Alok Kumar Das, Jadavpur University, Kolkata
2. Challenges in the Wireless Sensor Communications Networks, by Prof. Vivek Deshpande, MIT College of Engineering, Pune
3. Near Shannon Limit Channel Codes: Modified Turbo Codes, by Prof. Prakash Vyavahare, SGSITS, Indore
4. Visible light Communication: A New Emerging Technology, by Dr. Navin Kumar, CMR Institute of Technology, Bangalore

The conference at the new Marriott Hotel, at Bhopal, started on a grand note observing the government protocol, with the blessings and in presence of His Excellency, Honourable Mr. Ram Naresh Yadav, Governor of MP. Prof. Asif Ullah Khan, chairman organizing committee initiated the proceedings with a brief welcome. The inaugural session also included addresses by Mrs. Sadhana Karsolia and Mr. R.R Karsolia from TIT Management. Dr. Piyush Trivedi, Vice Chancellor, RGPV, was the guest of Honour. Dr. Durgesh K. Mishra, Immediate Chairman, IEEE MP Sub-Section highlighted the conference theme. The vote of thanks was proposed by Dr. Asif Ullah Khan, Director, TIT. The event also marked release of conference Souvenir by the Honourable Governor.

Prof. Dr. Dharam P Agarwal from University of Cincinnati, USA, Prof. Alok Das, Fellow IEEE, and many other distinguished invitees, including from the industry, academia, government and media, were present in the glittering inaugural ceremony. The presence of good many students added further enthusiasm to the three-day event. Overall, about 125 numbers of delegates participated in the conference, including 7 from outside India.



From (l-r): Mr. R.R. Karsolia; Dr. Piyush Trivedi, VC, RGPV; Mr. Ram Naresh Yadav, Governor of MP; Mrs. S. Karsolia; Dr. A.U. Khan

Dr. Dharam P. Agrawal delivered a very lively keynote address titled “Why are Femto-cells Invading Wireless Technologies” with imaginative power point presentation and also answered questions from the audience, with a punch of humour.

It is of interest to note that a good number of papers were reviewed by the IEEE paper review committee and finally 85 numbers of papers were accepted for presentation. There were no poster sessions. Except for the Plenary session, the delegates then got split in two parallel sessions as per planned schedule, given below, for the remainder of the proceedings.

1. MIMO and Beam Forming and OFDM
2. Network Management and Services
3. Optical Passive and Active Components and Devices
4. Quality of Service and Traffic Management and Characterization
5. WIRELESS Communications and Networking
6. Mobile Ad - Hoc and Sensor Mesh Networks
7. Optical Communications and Networking
8. WLAN, WIMAX and Mobile Communications
9. Application of Information and Communications Technologies
10. Simulation, Modeling, Analysis and Performance Evaluation
11. Mobile Communications and Mobility
12. Ultra Wide Band UWB and RFID
13. Computing / Grid Communications
14. Architecture, Devices and Security/Dynamic Spectrum Access and Satellite Communications Systems

*Dr. Asif Ullah Khan,
Senior Member IEEE,
Chairman, Organizing Committee, WOCN2013
IEEE MP Sub-Section*

News for Student Congress

Malaysia Section Holds its First Student Congress

On 9 November, IEEE Malaysia Student Congress 2013 (IMSC) was held at University Teknologi Mara (UiTM) Shah Alam for the first time in event history. Chaired by Dr. Rozita Jailani and hosted by UiTM student branch under the banner of the section, the congress saw over 60 participants from the northern, central and eastern parts of Malaysia.

The congress, which was first birthed through discussion during the R10 Student Congress in Hyderabad, finally came to occasion through initial groundwork by R10 GINI Coordinator, Arjun Pillai, and Malaysia Section student representative elect, Esther Ling. The aims of the congress were threefold:

- 1) To train IEEE student branch officers and other volunteers in effective administration of their respective student branches
- 2) To strengthen the network of student members within Malaysia
- 3) To act as a platform for knowledge sharing

In the opening, Dr. Norliza, chair of Malaysia Section, gave an address that set the tone for the congress. Dr. Pauzi Abdullah, student activities chair of Malaysia Section, gave an overview of IEEE globally, while Dr. Lee YootKhuan, chair of educational activities highlighted IEEE membership benefits, particularly in the area of student grants.

R10 student representative, Mr. Pasan Pethiyagode of Sri Lanka was the special invited speaker for the congress. His session on student networking and activities provided fresh insight to the participants on getting more value out of IEEE membership. In another session, case studies were given to participants to solve in groups with members from other universities.

In a later session, Curtin Sarawak student branch and University Sains Malaysia student branch each presented details about their successful projects that were funded by R10 Educational Activities grant.

The section eagerly looks forward to the next congress to be held in the coming year.



Delegation of the IMSC



While group discussions are on progress

*Ms. Esther Ling
Section Student Representative - Elect
IEEE Malaysia Section*

IEEE R10 Councils/Sections News and Highlights

IEEE Bangalore Section: CYBERTRON – An Online Tech Mania

Cybertron was an IEEE Region 10 level online treasure hunt conducted on October 1st, 2013 on the occasion of IEEE Day. It was funded together by the IEEE Region 10 ECIM Team and IEEE Bangalore Section and was coordinated by IEEE Region 10 Volunteers and IEEE Bangalore Section Student Activities Committee with help from various Student Branches who helped framing the questions and designing the website.

The Event was based on the e-quiz pattern. There were totally 4 sets of 10 questions each, one question leading to the next. 40 minutes was given to each participant to complete a set. Bonus points were awarded for the participant on the basis of time taken for the completion of a set. Participation certificates were awarded to participants who managed to complete at least 1 set. The winners were decided

based on the criteria of timings and on the number of questions answered as well. The event had 269 participants from various sections of India, Pakistan, Japan and other Region 10 Countries.

The Winners were Suma Prasanth from MVGR college of Hyderabad section, India and Sachin Pandey from SVCE college of Bangalore section, India. Both have been awarded with merit certificates and have been shortlisted to attend The All India computer society student congress 2013 to be held at Bangalore and will get partial funding for their travel expenses and other prizes worth \$250 have been dispatched to them.

The event saw Enormous success and encouraged the individuals to think beyond the box.

The event was effectively publicized on Collaboration Platforms of various sections and on Social Media such as Facebook and Twitter and had attracted a lot of participants.

For more information, please visit:
<http://ieeegit.org/cybertron>

*Abhilash Manjunath
IEEE Bangalore Section SAC
Hub Lead- Bangalore*

The IEEE Bombay Section: Conference on Internal Security and Workshop on SCADA Security

The IEEE Bombay Section, successfully organised a two-day event – “Conference on Internal Security-Technologies to Pre-empt and Protect” and “Workshop on SCADA Security” in Mumbai on 18th and 19th of October, 2013. Centre for Development of Advanced Computing (CDAC) was a silver partner and Bombay Chamber of Commerce and Industry was a knowledge partner.



Organizers and Volunteers of the conference

The event was well attended by serving and retired officers from the security agencies as well as business leaders and managers from various industries.

A scene-setting keynote was delivered by Mr. Rajesh Agarwal, IAS, ACS-IT, Government of Maharashtra. He not only outlined key technology initiatives of the government to prevent crime and terrorism but also talked about the trade-off between security measures and privacy of the citizen.

This was followed by a talk on Cybersecurity of Critical Infrastructure by Dr. Zia Saquib, ED, CDAC. The talk covered security in an area that is given scant attention- SCADA, although it plays a critical role in power, water and sewage management, among others. There was a lively panel discussion, deftly moderated by Mr. Govindraj Ethiraj. The panel deliberated on pre-emption of crime, India being a test-bed for terrorism, the lack of security awareness, mind-set issues versus policy weakness etc. The discussions concluded with the panel eventually agreeing upon the urgent need for security audit and risk analysis being mandated across all establishments.

An interesting talk on pro-active technology solutions to pre-empt crime was given by Mr. Mohit of Xalted. Col (Retd.) Deepankar Chaudhary of Mahindra SSG talked on the means of securing actionable inputs for effective pre-emption of security threats. Covering security from the fire hazard perspective, Dr. Pratio Roy of TCE explained the need to have proper analysis to prevent loss of life and property. Finally Mr. Ashit Padhya, CEO, OM Solutions presented some preventative techniques for physical security.

The SCADA security workshop commenced with a discussion of security standards by Mr. Deven Patel of TCS. Dr. Romulus Valsalam, CDAC enlightened the gathering about Cyber-security solutions for industrial control systems in the Power and Energy sector. Dr. Dhiren Patel elaborated on the imperatives for Identity and access management in SCADA environments. Malware analysis in SCADA systems were covered very lucidly by Mr. Bindhumadhava, CDAC. Finally, a key management solution for SCADA systems was described by Dr. Zia Saquib, CDAC, followed by a lab demo of the solution.

Over the two days, the participants benefitted from the discussions on policy, mind-set and technology aspects of security and also on various security aspects in a SCADA environment. The conference

successfully covered the need for focus on pre-emption to build a more secure society.

Mr. Ashok Jagatia, Section Chair made the inaugural address and Mr. Aiyappan Pillai, Technical & Professional Activities Chair proposed the vote of thanks.



Aiyappan Pillai handing over a memento to section Chair Ashok Jagatia

*Aiyappan Pillai
Technical and Professional Activities Chair,
IEEE Bombay Section, Senior Member*

IEEE Karachi Section: Engineering Your Health

Drawing on the recent successes of their members in the SIGHT pilot project and in the Young Professionals project contest in the Global Humanitarian Technology Conference, IEEE Karachi Section has delved deep into prospects where their members can contribute to humanitarian problems, in the wake of natural calamities around the world and in Pakistan. The Section and its Computer Society organised a cross-professional technical discussion with medical doctors, biomedical professionals, electronic and telecommunication engineers and entrepreneurs on Saturday, November 23, 2013 at IBA City Campus, Karachi. The aim was to pitch professionals from different fields all working on ensuring improved healthcare and have a fruitful discussion as to how engineers and volunteers from IEEE Karachi Section can provide their services in this regard.

The initiatives taken by two of the organisations currently underway were presented by their representatives. Mr Ali Habib, a graduate from the Lahore School of Management Sciences (LUMS) and Chief Executive Officer of Interactive Health Solutions (IHS), described how his work on infection-control for Indus Hospital in Karachi enabled him to

develop a clinical solution to reduce hospital-acquired infections. A digital checklist was developed as a software application for Android operating systems by IHS, about which Mr Habib explained how the seed grant from USAID helped him to implement this project in Korangi, an industrial area of Karachi, and achieve much more than what their organisation targeted.

Another system on Immunisation Control developed by IHS was outlined by Mr Habib. Coined as Safe Life, this initiative is based on an extended programme of immunisation (EPI) and works on an incentive-based idea, where parents of a child are alerted as and when necessary for routine vaccines. The aims for this initiative are to build a comprehensive electronic database, increase immunisation coverage and improve its timelines. One interesting suggestion, given by Engineer Parkash Lohana, was to make live calls or provide recorded voice messages as reminders to parents instead of text messages since the latter do not necessarily reach the intended recipients on time.

Dr. Nazir Ahmed Vaid, a social entrepreneur, highlighted the problems he has faced over the years in establishing his expansive network of providing first-aid healthcare to rural patients, especially those in remote, inhospitable and generally inaccessible areas. Taking those present into a historical discourse from telemedicine to M-Health and now U-Health for ubiquitous health services, Dr. Vaid charted how he and his team have launched a telephonic-doctor initiative for local GSM service users in 2007 and later on developed portable health kits, which have been distributed to healthcare workers across Punjab and Sindh provinces as of now.

After developing 3 National Health Units, 15 Regional Laboratories, 300-plus Regional Health Units and 15,000 Local Health Units, Dr. Vaid and his prolific organisation have successfully established 309 ICUs in those remote areas where patients can be treated.

A discussion between the presenters and the participants on the possibilities of using different strategies and their consequences ended the session. The offshoot of this meeting, in the main, was the pledge by IEEE Karachi Section and the social entrepreneurs to form a mutual collaboration. This will enable the organisations to help design their products using engineering volunteers of the Section and also give the IEEE Members with a wealth of experience in terms of actual internships and co-op programmes and a chain of awareness sessions will

also be held at Student Branches in the Section to spread the message and gather more support.



Group discussion

*Hassaan Idrees,
SAC Chair,
IEEE Karachi Section*

IEEE Kolkata Section: Workshop on VLSI, Embedded System & Modern Communication System Design Techniques

IEEE Communication Society Chapter and IEEE Electron Devices Society Chapter of IEEE Kolkata Section joined the Department of Electronics and Communication Engineering of Bengal Institute of Technology and Management (BITM), Santiniketan, West Bengal and conducted a 3-day workshop on VLSI, Embedded System and Modern Communication System Design Techniques from October 21-23, 2013.

The main objective of this workshop was to provide exposure and impart hands on training to the B. Tech and M. Tech students in the advanced areas of VLSI, Embedded System & Modern Communication System. This workshop was organized into six technical lectures and four hands on training sessions and a video show. About 100 students and 40 faculty members participated in this event.

The workshop was inaugurated by Shri. Partha S. Banerjee, Principal Scientist and Group Head, Product Design and Simulation Group, CSIR-CMERI, Durgapur. In his inaugural address, Shri. Banerjee highlighted the various CSIR schemes available for students and teachers. Prof. P. P. Ray (Dean-Academics) and Prof. S. Sankaralingam (Organizing Chair) also spoke. The resource persons were drawn from National Institute of Technology (NIT), Durgapur in addition to BITM, Santiniketan. Prof. Rajat Mahapatra (NIT) delivered a technical lecture on Advanced and Emerging Devices.



Training Session

The second lecture was on “Analog IC Design” and was delivered by Prof. Ashis Kumar Mal (NIT). The third and fourth lectures were delivered by two more speakers from the same institution, Dr. Rajib Kar and Dr. Durbadal Mandal respectively. The remaining two technical lectures were delivered by Mr. Sankhamitra Roy from the organizing institute. The hands on training sessions were handled by Mr. Sushanta Gayen, Mr. Prasun Das, Mr. Abhisek Dutta and Ms. Sanchita Mallick. A video show on “INTEL – IC fabrication technology” was also screened.

Prof. S. M. Chatterjee, Honorable Ex. Vice Chancellor, Bengal Engineering and Science University, Shibpur delivered the valedictory address in the closing ceremony. Mr. Aveek Bhattacharya, Head, Education Dept, Camellia Group of Institutions presided over the valedictory function. The special guest Prof. Krishnendu Chakraborty, Principal, Kalyani Govt. Engineering College, Kalyani offered felicitations. The guest of honour, Shri. Partha Pal, Dy. Director (Academic), Camellia Group of Institutions, distributed the certificates to the participants. Mr. Avjit Das, Director, Training & Placement Cell, Camellia Group of Institutions, also graced the occasion.



Valedictory function – felicitation by Prof. Krishnendu Chakraborty

Dr. S. Sankaralingam

*Professor / Dept. of ECE
Bengal Institute of Technology and Management*

IEEE Malaysia Section: IEEE Malaysia Stands by Our Youths – a community involvement project

To make IEEE visible to the mission-driven social community comprising volunteering educationists, professional trainers and youths IEEE Malaysia Section through a participatory effort has successfully co-organized and sponsored a talentine cum social gathering.

This event was an avenue for youths to showcase their communication and social skills as well as talents. The event was attended by 150 participants comprising IEEE members, Mr Pasupathi (Founder of MySkills), and people from MySkills Foundation. Dr. Dianne Cheong, the Communication Chair, in her opening speech expressed gratitude towards IEEE R10 support of USD700 from the Section Support Fund for this event, Mr Devasharma Gangadaran (CEO of Primus Institute of Technology) and Mr Felix Amaldass (mentor) for their untiring efforts in organizing the talentine and social gathering for IEEE members and non-members. Dr. Dianne also commended on the efforts of the students in designing and painting the banner.

The talentine showcased a mix of languages among 15 songs, 15 dances, and 5 dramas reflecting the multicultural spectrum of Malaysia. IEEE Malaysia was proud to present 5 awards for each category of the talentine: Dancing, Drama, and Singing.

For more information, please visit: www.ieeemy.org



DIY Banner



Audience to a classical dance

*Dianne Cheong Lee Mei, PhD, SMIEEE
Chair of Communication/Newsletter, IEEE Malaysia
Section 2013 and SIGHT Coordinator, IEEE
Malaysia Section 2013*

IEEE PUNE SECTION: STUDENT AWARENESS CONTEST 2013

IEEE Pune Section, in association with the IEEE Student Branch of International Institute of Information Technology (I²IT), Pune, organized National level Students Awareness Contest' 2013 wherein students from engineering colleges enlightened young minds of secondary schools by creating awareness among them by educating them about their selected topics of technology which influence day to day life of the urban and rural population through presentations. This is a unique of IEEE Pune Section activity which is being organized since more than a decade now has successfully been completed yet again.

The contest was held over the period from July-September this year in which students from various colleges participated with great enthusiasm. Students were expected to give presentations to secondary school students in the urban and rural areas. 83 teams out of the 189 participating teams successfully completed the given task. With all their efforts taking shape and over 30,000 school students in 550+ schools being educated, this initiative was indeed among the noteworthy.

The top two teams from each student branch advanced to the final round which was held at I²IT on Saturday, September 21, 2013. The final contest was inaugurated in presence of Dr. A.S Tavildar, Chairman of Communication Society Chapter of IEEE Pune Section, Dr. Pradeep Chatterjee and Mr. Girish Tatke, Excom Members of IEEE Pune Section, Dr.

K.L. Asanare, Director - I²IT, Dr. Bharat Chaudhari, Principal - I²IT, Prof. Sheetal Ghorpade, Convenor of Program.

Dr. A.S Tavildar, Dr. Pradeep Chatterjee, Mr. Girish Tatke and Dr. K.L. Asanare also judged the contestants. The 19 qualifying teams shared their presentations and their experiences with the judges. The students faced the challenging questions put forth by them which indeed compelled them to break a sweat. After the arduous efforts put in by all the finalists, the top three teams were rewarded for their remarkable performances.

Mrs. Aruna M. Katara, President - I²IT was Chief Guest for Prize Distribution function. A team of students comprised of Umakant Kulkarni, Om Prasad Karanjkar, and Manali Kulkarni from PVG College of Engineering and Technology, Pune has won first prize of Rs Ten Thousand Only whereas second Prize of Rs Eight Thousand Only went to a team of students, Ishun Sharma, Sanidh Patil, Nidhi Jha, and Ankita Khedekar from I²IT. The third prize of Rs. Five Thousand Only was won by the team of students, Kiran Pansare, Vrushali Rakibe, Priyanka Patil, and Puja Nandurikar from KK Wagh College of Engineering, Nasik.

Tout ensemble, the event was a grand success with the hard work put in by all those who worked behind the scenes, day in and day out and it was truly a day to remember.

*Richa Rajkondawar, Chair, I²IT-IEEE Student Branch
Prof. Sheetal Ghorpade, Program Convenor
International Institute of Information Technology
Hinjawadi, Pune, India*



IEEE Singapore Section: Joint IES IEEE Medal of Excellence Award

Joint IES IEEE award recognizes a professional in the areas of Electrical, Electronics, Computer Engineering, Computer Science and Systems, and allied fields – Who has made a significant contribution to these professions – and/or - to Society-at-Large. In the ceremony night of IES' 47th Anniversary, Prof. Low Teck Seng, representing the IEEE, presented the award to Prof. Chong Tow Chong, the Provost for the Singapore University of Technology & Design, in recognition of his outstanding contributions to the engineering community in Singapore. The past 5 recipients of this award are well respected entrepreneurs, educators and engineers in their own rights; Er. Prof Su Guanng, President Emeritus of Nanyang Technological University, Er. Prof Hang Chang Chieh, Professor of National University of Singapore, Mr Wong Ngit Liong, President and CEO of Venture Corporation Ltd, Mr Seah Moon Ming, Deputy CEO ST Engineering Ltd and Er. Lim Soon Hock, Founder and Managing Director of PLAN-B ICAG Pte Ltd.

The Joint IES IEEE Medal of Excellence Award, now in its 13th year, also shows the commitment that the IEEE has towards working with local society, IES in elevating the engineering profession in Singapore and in the international community through its regional/local branches. IEEE Singapore Section Society was established in Singapore in 1978 and, recognized by the IEEE USA as a geographical entity in Region 10 named as IEEE Singapore Section.

Nowadays, IEEE Singapore Section has 28 Chapters and 2 affiliate groups with more than 3000 active members. Every year its chapters and affiliate group organize about 400 technical, educational events and social activities to promote science and engineering education, establish standards of qualification and ethical conduct, and advance members' professional development. IEEE Singapore Section's collaboration with IES national societies worldwide encourages the exchange of ideas, and provides networking opportunities for its members through joint activities, for the higher purpose of advancing technology for humanity.

Award ceremony held at the Institute of Engineers (IES) 47th Annual Dinner on the 27 Nov. 2013 Raffles City Convention Centre, Singapore



Left to Right: Prof. Chou Siaw Kiang (IES President), Prof. Lalit Goel (IEEE Singapore Section awards committee chair), Prof. Chong Tow Chong (award recipient – Provost, Singapore University of Technology & Design), Prof. Low Teck Seng (representing IEEE Board & IEEE Awards Board).

*Dr. Li Wei
IEEE Singapore Section Publicity Chair*

IEEE R10 Student Branches News & Highlights

IEEE Isra Student Branch, Pakistan: iCube 2013 – A National Level Competition

A Nation Wide competition iCube 2013 was held at Isra University. This event was organized by Prof. Dr. Hameedullah Kazi, Pro-Vice Chancellor, Engineering & Management Sciences & Chief Patron iCube 2013, Engr. Saad Khan Baloch, Coordinator, iCube 2013 & Counselor, IEEE Isra Student Branch Pakistan and the whole team of IEEE Isra Student Branch Pakistan. The total number of Participants was 345.

iCube 2013 welcomed the most cutting edge undergraduate young minds from across the nation to compete against each other in one or more of the sixteen competitions. Each competition in iCube 2013 challenged its participants to expand their frame of reference and to identify solutions to problems and show their affinity for solving them. iCube 2013 was the very first iCube related event being organized by IEEE ISB.

iCube 2013 aimed at recognizing and rewarding young people's achievements in all areas of Sciences and in their technical skills. Competitions offered students the opportunity to develop professionalism,

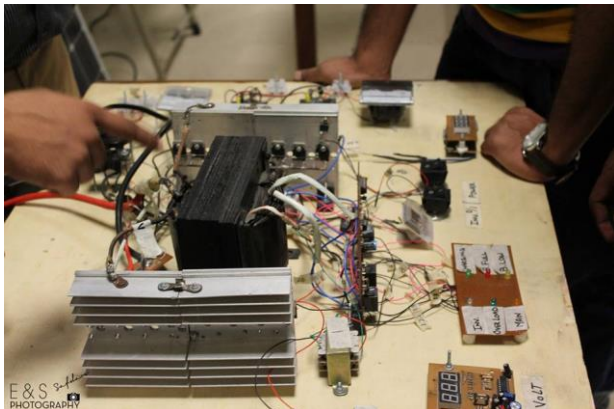
technical skills and humanity through the creative application of Technology and Engineering.

Students were invited from institutes all across Pakistan to come and participate in this event to determine their skills and to strengthen their roots in their specified fields of study. This was a fine platform for students who are active in their educational activities and extracurricular activities, to come and learn more about The Modern Day Technology.

iCube 2013 is defined in its Tag Line: *IDEA, INNOVATION, INVENTION*. These three I's collectively merge together to form "iCube 2013".

A total of 16 Competitions took place in iCube 2013 which included Hardware Competition, Techno Idea, Circuit Designing etc.

The event kicked off with an impressive Opening ceremony at Asadullah Kazi Auditorium in which Mr. Hanan Daudpota gave the welcome address and a Video about iCube 2013 was played. Afterwards iCube 2013 was formally inaugurated & declared open by Chief Guest, Prof. Dr. Rafiq Abro, Chairperson, Electrical Engineering Department and was followed by the detailed Competitions briefing by Engr. Saad Khan Baloch, Coordinator, iCube 2013 & Senior Lecturer, Department of Electrical Engineering after which the opening ceremony also ended.



One of the Models in the Hardware Competition

Then the real game began! The 16 Competitions!

In the end the Closing Ceremony took place at Asadullah Kazi Auditorium in which the Chief Guest was none other than the Vice Chancellor of Isra University, Prof. Dr. Ghulam Qadir Kazi. The Closing Ceremony was started with the recitation of Holy Quran and was followed up by Vote of Thanks by IEEE Isra Student Branch Hierarchy. Afterwards it was the address of Vice Chancellor Isra University, Prof. Dr. Ghulam Qadir Kazi, which brought a

valuable information and knowledge in the hearts and minds of the listeners.

Afterwards Certificates, Shields & Cash Prizes were distributed among the Organizer, Judges and Winners of the Competitions. The end was culminated by Engr. Saad Khan Baloch decorating Ajrak & Sindhi Topi to Vice Chancellor, Isra University & Chief Guest, Prof. Dr. Ghulam Qadir Kazi.



The Organizers of iCube 2013

For more information, please visit:

www.iCube 2013.com

*Dr. Kazi, Hameedullah
Head of Executive Council,
IEEE Isra Student Branch Pakistan*

Faculty Development Programme: Graphical System Design for Engineering Applications using LabVIEW

Department of Electronics and Communication Engineering and Kathir College of Engineering IEEE Students chapter have organized a five days Faculty Development Programme on "Graphical System Design for Engineering Applications using LabVIEW" from 25 November 2013 to 29 November 2013 at the "KCE LabVIEW Academy" in association with National Instruments India Pvt. Limited, Bangalore.

The resource persons Er. Sriram and Er. Shankar, from National Instruments, Bangalore have provided the hands on training. Thirty-five faculty members of various departments such as ECE, EEE, Mechanical and Aero from Kathir College of Engineering have been participated.

LabVIEW software is an ideal for any measurement or control system, and the heart of NI design platform. Integrating all the tools that engineers and scientists

need to build a wide range of applications in dramatically less time, LabVIEW is a development environment for problem solving, accelerated productivity, and continual innovation.

The Inauguration of the programme was held on 25 November 2013 – 9:30 am in the KCE LabVIEW Academy. Welcome address was delivered by Prof. S. Prabakar, HOD/ECE, KCE. The inauguration was presided over by Dr. P. Vijayakumar, Vice Principal, KCE and gave a brief note on usage of LabVIEW by engineers and professors in various fields of research and development in industrial and educational arena.

In the valediction on 29 November 2013, Er. J. Visweswaran, Academic Project Head, NI, Bangalore, guest of honour delivered speech on “How to utilize LabVIEW as solution provider for various engineering problems” and distributed certificates for the participants. Vote of thanks was delivered by Prof. P. Rajasekar, AP/ECE and Prof. S. Prabakar, HOD/ECE.



Hands on Training session



Five days Faculty Development Programme on “Graphical System Design for Engineering Applications using LabVIEW”

S.PRABAKAR,

*SB Counselor,
IEEE Student Branch - Kathir College of Engineering*

Workshop on Animation: ENTRAIN’2K13

Entrain commenced on the morning of October 5, 2013 when our IEEE student branch: MEPCO Schlenk Engineering College joined hands with CSI student branch of our college. Entrain was a one day Inter/Intra College workshop on Animation- Blender 2.68a from 9am to 5pm, conducted by Mr. C. Murugeshwar from ICAT Academy, Chennai.

The main objective of this workshop was to make the participants aware of the features of Blender 2.68a Software and to get comprehensive knowledge about the blooming Animation Industry.

It can be said that the event actually started when the website for Entrain was launched and the students enthusiastically registered for the workshop online. On the day of the workshop, the event set out with the inaugural, in which Ms. Shivashreevysali, WIE Chair Person of our student branch welcomed the gathering, which was followed by the lighting of the ceremonial lamp by all the dignitaries on the Diaz. This was followed by the inspiring presidential address delivered by Dr. K. Muneeshwaran, HOD/CSE department.

After Mr. J. Maruthu Pandi, Branch Counselor CSI, introduced the trainers, the stage was set for Mr. C. Murugeshwar to share his vast experience with the delegates. In the First session, Mr. C. Murugeshwar briefed the students about Blender, its history and growth. Then he explained about the basic interface navigation tools of the software. He then explained elaborately about the designing concepts. This session was followed by a fifteen minute tea break.

The next session commenced by 11:30pm, this time he applied the various tools of Blender and portrayed the steps in designing 3D objects such as a glass full of water and several cartoon objects. The session ended at 1:00pm and the participants dispersed for lunch.

The afternoon session started right after lunch, at 2:00 pm. He started this session by displaying some of the animation movies that were developed with Blender. Then he showed a demo on creating some 3D objects by applying the designing concepts explained in the earlier sessions. Delegates made it an active session by contributing their part in designing the 3D objects.

After a fifteen minute tea break, the workshop was concluded with the valedictory. Mr. M. Aravind, IEEE STB Chairperson delivered the highlights of the workshop. Then certificates were distributed to the participants by the trainer and our branch counselors. Finally, Ms. R. Anupriyanga, CSI OB delivered the vote of thanks and yet another informative workshop concluded with a tribute to our Nation.

Many college students were really enthused about the workshop and the registrations had flowed in. All the students were benefitted from the workshop, it clearly showed in their feedback where they profusely thanked the trainers for the session and appreciated the student branches for organizing the workshop. It has really motivated us to come up with more such inspiring events.



Inauguration ceremony

M. KIRUBA SANKAR
Vice Chair Person
 IEEE MEPCO Schlenk Engineering College (madras section)

IEEE DAY celebration: Leverage Technology for Better Tomorrow

2013 IEEE Day celebration events were organized on October 1, 2013 by our student branch office bearers. It was an event which was open to all students in the college the celebrations started at 4.30 pm and it lasted up to 6.30 pm.

The objective of the event is to spread the ideas of IEEE and to celebrate the IEEE Day convention, and also to have a tech talk and discussion on the topic “Leverage Technology for Better Tomorrow”.

The event started at 4:45 pm, by our student branch Vice-chairperson Mr. Kiruba Sankar giving a genera

idea about the event and explaining the motto and theme of IEEE Day 2013.

The concept and theme of IEEE day was dealt to the participants and members by the speaker, and the world wide events which were hosted on behalf of IEEE day was shown in public that explains the wide idea about the technological spread throughout the world, then the IEEE day promotional video was played along with the illustrations on the day.

The event was followed by a word game “PNEMONICS “ on which the participants are given the chance to provide an innovative and creative expansions for the word displayed that really spirited out the innovations of participants .

The next round was a search to find the best prankster among the gathering, the concept of the event is the participants are asked to come up with the talented and creative story with the given set of words.

Then a special event conducted by our student branch office bearers Mr. Aravind, Mr. Dinesh Kumar, Ms. Meena and Ms. Shivsree vysali the event was conducted in order to find the best talented and spiritual participant among the gathering the event proceeded in this way, the participants are asked to come up to the student panel where they are given with some stress managing and logical situations based on the theme of IEEE day and they are asked to shipwreck the situation right on time, the event went on fiercely the participants came up with amazing answers for the questions asked by the panel. The celebrations and the events had lasted up to 6.30pm.

Our student branch counselor Mr. C. Kalyana Sundaram concluded the event by wishing the participants a “HAPPY IEEE DAY”.

M. KIRUBA SANKAR
Vice Chair Person
 IEEE MEPCO Schlenk Engineering College (madras section)

Views expressed in articles published in this newsletter are those of author(s) and do not necessarily represent the views or official position of IEEE R10.

IEEE USM Student Branch: Malaysia Inspiring GenX

Lack of interest in Science, Technology, Engineering and Math (STEM) among students is a growing worldwide problem afflicting both developing and developed countries across continents.

Two examples of affected countries from the Asian and European continents are Malaysia and the UK, which have been reported in the public media in recent years.

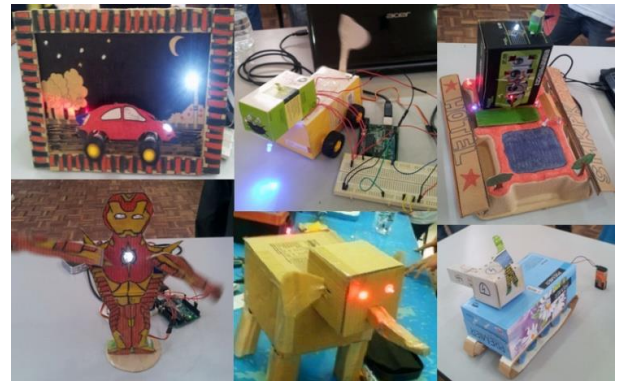
The UK government has announced in July 2013 that they are upgrading the curriculum to suit the knowledge requirements of the current times. Robotics and 3D printing were among the new additions to the curriculum. This was mainly aimed at increasing competent STEM graduates in the near future.

University Sains Malaysia (USM) IEEE Student Branch embraces a strong promotion of STEM education philosophy, especially to the younger generation, GenX. Collectively, we have decided that the best way to learn is by doing. No amount of talking can get a child as excited in programming as seeing his/her own robot move for the first time.

For the past couple of months, USM IEEE SB has travelled around the state of Penang, Malaysia to conduct robotic workshops in secondary schools. We covered rural schools all the way to cluster schools, covering 60-70% of all schools in Penang and one school in Kuala Lumpur. The student participants were mostly between the ages of 13 to 16 years. They were very enthusiastic about the new hands-on learning experience, and their teachers were encouragingly supportive.

We conducted various kinds of robotics workshops. For some of the workshops, we utilized commercial off the shelf robots to teach and mentor the young students. The robotic workshops which we are excited about and very proud to highlight are the ones conducted using recycled materials. The objective was to instil a sense of awareness for the environment and engineering among the students.

Reception of the workshops was overwhelmingly good. We hope that these young students will eventually pursue a career in STEM.



Robots built by students using recycled materials



Students experiencing building robots for the first time

*Yong Bang Ming
Chair USM IEEE Student Branch*

WIE News & Highlights

Gender Specific HCI and Empowering Women Engineers

The event was organized as part of IEEE International Conference on Human Computer Interactions (ICHCI 13) by Affinity Group of Saveetha school of Engineering, Saveetha University, Chennai on August 24, 2013.

The invited speakers were Dr. Ramalatha Marimuthu, WIE Past Chair, Dr. Ponnammal Natarajan, Advisor, Research and Development, Rajalakshmi Engineering College, Chennai and Dr. Kristiina M.Valter Mc Conville Professor, Ryerson University, Canada. The objective of the event is to motivate and encourage the students and staff from various universities and colleges to excel in their profession. The theme of the event was Gender Specific HCI and Empowering Women Engineers.

The session was started with the welcome address of speakers by Mrs Ramya Deepak, WIE Chair, Saveetha School of Engineering, Saveetha University and felicitation by Dr. P. Shankar, Principal, Saveetha School of Engineering, Saveetha University.

Dr. Ramalatha Marimuthu addressed the gathering about Gender Specific HCI, perspective of women in designing software and analytical skills of women in problem solving skills. The related projects were discussed for clear understanding of audience. The deliberation continued on WIE activities and various opportunities exists for members in WIE forum.

Dr. Ponammal Natarajan gave a speech on empowering women engineers. She highlighted innovative skills of women, women scientists who had excelled in career, Women entrepreneurs, successful women engineers and perfectionists. She made a quote to audience that "The clear idea and positive thinking develop perfect Engineers".

The function was concluded with prize distribution by Dr. Ramalatha Marimuthu, Dr. Ponammal Natarajan and Dr. Kristiina M.Valter Mc Conville. The winners of paper presentation and students event were awarded. The two hours session flourished self-confidence, enthusiasm, creativity and eagerness to develop skills to become a perfect engineer among participants. The session was useful to have discussion with delegates of other student branches and to have collaboration with them.



From left, Dr. Bala Subramanian, Dr. Kristiina M.Valter Mc Conville, Dr. Ramalatha Marimuthu, Dr. Ponammal Natarajan, Ms. Ramya Deepak, Dr. P Shankar and WIE Members

We thank R10 WIE for giving an opportunity to conduct such a wonderful session as part of our IEEE International Conference on Human Computer Interaction (ICHCI 13). It was very informative and directed WIE members and other students to progress and to serve the humanity

Anusuya Venkatesan
WIE Coordinator
Saveetha School of Engineering
Saveetha University, Chennai

WIE-NEDUET STAR Program: WIE-ered to Engineering” in Karachi

IEEE-WIE NEDUET Affinity Group continued to uphold their identity as trendsetters when earlier this October, they arranged an IEEE *Student-Teacher & Research Engineer/Scientist (STAR)* Program for WIE at the Foundation Public School Karachi, Pakistan.

On the crisp and bright morning of 9th October, 2013 the Chairperson of IEEE-WIE NEDUET, Hiba Latifee, along with members of her affinity group, set out to educate the budding high school students about engineering in general and the works of IEEE-WIE in the field of Engineering. Their first destination was Foundations Public School, Karachi where the A-levels Science students were the target audience.

On reaching the campus, the team was greeted with much enthusiasm. The lecture hall where the awareness session was to take place soon filled up with students having a thirst for knowledge. After a brief introduction of IEEE-WIE and explaining the purpose of the talk by the WIE Chairperson, Hiba Latifee, the podium was taken over by Ramalta Saleem Maqbool, Documentation Head of WIE NEDUET, who gave a brief panoramic view of engineering. She cleared the usual misconception of engineering being limited to machines and buildings as was a common misapprehension held by the audience, she gave a list of qualities of engineers such as problem solving, economizing, planning, optimizing and designing etc. and gave the spectators food for thought that anyone with such qualities will find engineering to be a perfect profession.

The floor was then taken by the Chair herself as she gave inspiration to the listeners by taking them through amazing developments that have been done in the field of Engineering. She engaged the audience with her session by taking in their opinions as well. She further moved on to explain the innumerable benefits of IEEE-WIE. Queries of the audience were also answered commendably in which the whole team took turns in answering the questions. The team wrapped up the session with a quiz and the students who answered correctly were awarded with deliciously baked cupcakes which showcased the level of multi-tasking the women of WIE-NEDUET do.

The team also set up an information desk with vigilant team members who answered any queries of the people who visited it. On the information desk were brochures and magazines of IEEE-WIE and other promotional stuff. Also, at the back of the information desk was a bulletin board depicting the previous endeavors of IEEE WIE-NEDUET.

The session turned out quite successful with the participants getting excited to answer the questions about the session in conquest for the one-of-a-kind cupcakes. The event took place during the school hours and the left with a positive note with lots of students excited about the engineering profession and an awareness about the works of IEEE-WIE in the field of Engineering.



WIE-NEDUET Chairperson on the floor giving inspiration to the audience



WIE-NEDUET team members

Hiba Ovais Latiffee

Chairperson

IEEE WIE-NEDUET, Karachi Section

IEEE Malaysia Section: Using Information Communication Technology to Bridge Troubled Youths

In humanity the essence of living includes an inherent responsibility towards the living of others. IEEE Malaysia is paying finer attention to how we can actually make a positive difference to the living of others. Dropouts are the troubled youths and the biggest contributors to social ills. With no skills or education they cannot get a job anywhere. They eventually resort to crime to survive in the city. One of the ways to help these youths is to work alongside in the Transformation Program run by the MySkills Foundation situated in Port Klang, Selangor, Malaysia. The centre equips youths with work and life skills. Bringing ICT into a non-profit youth transformation centre would certainly help to bridge troubled youths to adapt to the working environment.



Training and Demonstration

On 23rd May 2013, IEEE Malaysia made a courtesy visit to MySkills Foundation to assess the needs of the 250 youths (students). We were appalled that the Foundation operated with minimal ICT: The registration and records of students were manually done. The management staff comprises volunteers while the skill training teachers are salaried. We had to address the issue of an information system where each youth can be tracked for counseling, mentoring and coaching. With an information system in place, the counselors can better engage the troubled youths in communication and connection.

The youths that MySkills Foundation focuses on are those who were exposed and actively participated in the truancy, bullying, video games, pornography, alcohol, drugs, smoking, gangsterism, and criminal

activities. We had to overcome our fears of being intimidated by them. Additionally, we did not anticipate that we have to spend a lot more time on site to build the information system. We had to study the processes by observing the workflow and interviewing the relevant staff who will eventually work on the system. Our subsequent visits and funding from R10 (USD250) enabled us to gather information for the design and development for a system called “StudentPrimus1.”



StudentPrimus1

In essence, this project is all about sharing expertise and skills. We must be ready to intervene in areas where there is dire need of our time, skills, and expert knowledge. That is what IEEE means when we bridge humanity with technology.



Over to MySkills Foundation - Nov 28(This Project is funded by 2013 IEEE R10 HTA.)

For more information, please visit: www.ieeemy.org

*Dianne Cheong Lee Mei, PhD, SMIEEE
Chair of Communication/Newsletter SIEEE Malaysia
Section 2013 and SIGHT Coordinator IEEE Malaysia
Section 2013*

Looking for more conference & events?

There are a lot of IEEE conferences to be organized in Region 10. Here is the step-by-step instruction to call up all the conferences and events:

1. Please visit the website:
<http://www.ieee.org/index.html>
2. Click on the tabs “Conferences and Events” on the top
3. Under “Search Conferences”, type in Region 10 Asia Pacific in Location field.
4. Narrow the search by selecting the date range.

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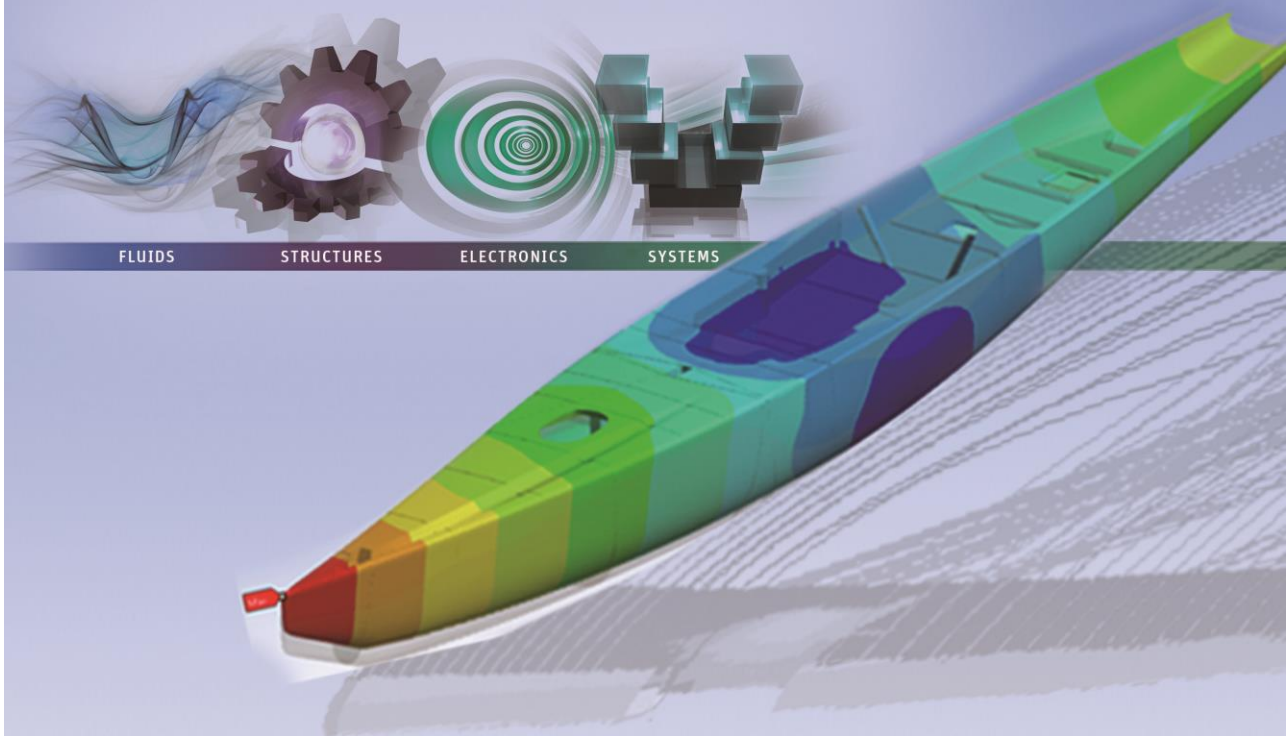


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