IEEE Region 10 Begins 50th Anniversary Celebrations

On 24 August 1966 the IEEE Board of Directors approved the formation of IEEE Region Ten or R10, also known as the Asia-Pacific Region, which led to the formation of Region 10 on 1st January 1967. For commemoration of this historic formation, the 50th anniversary celebrations started on 24th August 2016 at Bangalore, India and will continue in 2017 across the whole region.

The celebrations for 50 successful years of IEEE Region 10's existence started on the 24th August 2016 with the R10 Global Women in Engineering (WIE) Summit, an inaugural function in the evening and continued for next three days with a Student/Young Professionals/Women in Engineering and Life Member Congress (SYWL Congress 2016) from 25 to 27 August.

The inaugural event on the evening of 24 August at the Lalit Ashok Hotel at Bengaluru, India attracted more than 800 delegates from across the Asia-Pacific region including Professor Barry L Shoop, IEEE President and CEO, Mr. Ramakrishna Kappagantu Region 10 Director, the Executive Committee of the Region 10 and Prof KVS Hari, Chair of host Section. The occasion was graced by the presence of Chief Guest Dr A S Kiran Kumar, Chairperson, Indian Space Research Organization (ISRO). The other guests of honour included Mr. S K Sharma, Chairman and Managing Director, Bharat Electronics Limited, Bangalore, and Dr G Satheesh Reddy, the Scientific Advisor to the Defence Minister of India.

The celebrations night got underway with the welcome address by R10 Director Ramakrishna Kappagantu, in which he highlighted the achievements of the Region 10 over the past 50 years. He appreciated the contributions by the volunteers in piloting projects for the welfare of humanity in line with the IEEE's slogan "Advancing Technology for Humanity". Ramakrishna read out the message from the Prime Minister of India, Shri Narendra Modi in which the Prime Minister had expressed his gratitude to the IEEE for reinforcing the spirit of innovation and enterprise amongst India's young technology professionals and helping to give shape to the key initiatives of governance and infrastructure development.

On this occasion IEEE President Professor. Barry Shoop launched a mobile application "IEEE Event Finder", which can find and provide up-to-date information about the IEEE events in the vicinity of the user and connect them globally. The app also features an option for the user to give feedback on the experience of the event. Further, Prof Barry spoke at length about the initial years of Region 10 and its enormous growth. He stressed the importance of implementing the vision of IEEE at the grass-root level and extending technology to the benefit of humanity.

Message from the Honourable Prime Minister of India, Shri. Narendra Modi, read out by R10 Director Mr Ramakrishna Kappagantu.
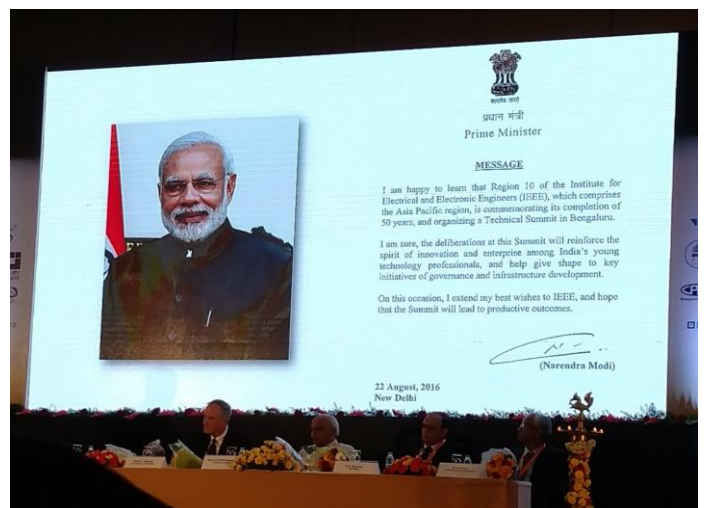
Addressing the gathering Mr. S K Sharma, CMD, Bharat Electronics Limited (BEL), spoke about the influence the IEEE journals have had at BEL and he also appreciated the instrumental role played by the Government of India in promoting technology with initiatives like Make in India, Smart Cities, Clean and Green Energy Generation, Tele-education and Tele-medicine.

Speaking on the occasion Dr A S Kiran Kumar, Chairperson, ISRO, spoke about the use of technology for the benefit of the common people. He also stressed on the significance of communities like IEEE to drive innovative minds. In his talk Dr Kumar's very eloquently touched upon the growth of Satellite Communication and the effect of automation on the existing industries.

A joint award for Engineering Excellence 2015 by the IEEE and Institute of Engineers India (IEI) was presented to Dr G Satheesh Reddy, Scientific Advisor to the Indian Defence Minister, for his contributions in the field of Navigation and Avionics. Dr Reddy is the first recipient of the joint award with the National Society in India. In his acceptance speech Dr Reddy emphasised the role of technology for the benefit of society.

The night ended with all the previous Region 10 directors being recognized for their efforts in bringing up the region. Some of the past directors shared their experiences and thoughts with the gathering.

Earlier in the day the IEEE Woman in Engineering Global Summit was organised as the first event of the 50th Anniversary celebrations of the IEEE Region 10. The summit with the theme "*Embracing Engineering and Technology and Breaking Barriers*", mainly focused on women engineers in mid or senior positions to provide inspiration, training in leadership skills, innovation and

entrepreneurship and ideas on advancing through the ranks with a balance between the career and family life. More than 200 engineers and scientists attended the summit and participated in a discussion forums and networked. A detailed report about the summit can be found on page 4.

On the following three days, from 25 – 27 August, IEEE R10 Golden Jubilee celebrations continued in the form of 2016 Student, Young Professionals, Women in Engineering and Life Member Congress (2016 SYWLC). The congress was organized by the Bangalore, Hyderabad, Pune, Uttar Pradesh, Delhi and Bangladesh Sections. The 2016 SYWL Congress program was organized into three parallel tracks, namely, Students, Young Professionals and Women in Engineering. These tracks were made to suit the interests of delegates where several experts provided a glimpse into the future of electronics, leadership, innovation and technology trends.

Distinguished guests of 2016 SYWL Congress with R10 Director.

The three-day 2016 SYWL Congress concluded with Ramakrishna Kappagantu, applauding the active involvement and enthusiasm by the members. He summarized the proceedings of the congress and talked about the way forward. Mr. Ramakrishna also recognized the efforts of the Bangalore Section in conducting a successful conference. He further thanked the volunteers who worked tirelessly in making the celebration events a huge success. A detailed report about the congress is included in this newsletter.

An IEEE Region 10 awards ceremony was held in the evening of the first day of the SWYL Congress on 25 August 2016. The details of award winners can be found on page 10.

Information Source: Above report was prepared with inputs from Prateek Parashar, Supritha Sheshadri, Vikram Sharma, Janina Mazierska and Harish Mysore.

Launch of R10 Golden Jubilee Celebrations in Pictures

IEEE Women in Engineering Global Summit 2016

The Summit was the first event of the one year long 50th Anniversary Celebration of our Region. It was held in Bangalore on 24th August 2016, just before the "Anniversary Evening Gala".

The Summit was especially organised for women engineers and scientists in mid or senior positions. The goal was to provide inspiration, training in leadership skills, innovation and entrepreneurship, to give ideas on advancing through the ranks and in better balancing the career and family life. The Theme of the Summit was "Embracing Engineering and Technology, Breaking Barriers". More than 230 engineers and scientists from fourteen countries came to attend presentations by successful female leaders of industry and academia, to participate in a Discussion Forum, and of course to network.

I was given a privilege to Chair the Summit, probably due to being the first and the only one female IEEE Director of Region 10. I had an excellent team: Co-Chair - Celia Shahnaz, Local Arrangements - D N Sujatha, Publicity - Supavadee Aramvith and Sadhana Avatar, Treasurer - Puneet Mishra, Web Administrator - Nishant Kumar Verma, Web Manager - Nithin R. S., and Secretary - Madhumita Chakraborty. Plus a very special group of student volunteers on the site.

The Summit had a very intense program and started with a fascinating talk by a Chief Keynote Speaker, Dr Hideko S. Kunii, currently a Director on Board of Directors of three large Japanese Corporations (Honda Motors, Tokyo Electric Power Company and Mitsubishi Chemical Holdings Corp) and a University Vice President (Shibaura University of Technology). Her presentation was titled "How did I break gender barriers in traditional Japanese industries?" and illustrated a career path from a married graduate of physics to a top executive in a gender biased culture. Many Summit attendees commented how inspiring and empowering the talk of Dr Kunii was, and what a great example she is of what women can achieve.

Dr Hideko S. Kunii addressing the summit

The second Keynote speaker was T. K. Anuradha, the first ever female Program Director of Indian Space Research Organisation (of ISRO Space Center). During her thirty four year career with ISRO Smt Anuradha has participated in several major Indian space programs, including communication satellites. Her talk gave a unique insight into a very interesting history and achievements of ISRO.

A formal Summit Opening Ceremony consisted of welcomes by the Region 10 Director Ramakrishna Kappagantu, IEEE

A group photo of delegates, distinguished guests and volunteers

President-Elect Karen Bartleson and IEEE WIE Chair Takako Hashimoto. The Chief Guest was Tejaswini Ananth Kumar, a Chair of Adamya Chetana Memorial Trust. She gave an inspiring presentation on how over 200,000 children in three states of India receive a midday meal every day, cooked waste free by the Trust.

Formal opening of the Global WIE Summit 2016

The Track on Leadership and Inspiration started with the Keynote given by Karen Bartleson based on her experience as the Past Senior Director of Corporate Programs and Initiatives at Synopsys and a volunteer for the IEEE. Other speakers in this session included Vasantha, Past Director, Technology Path Finding, Intel India, Emi Yano, HR Specialist at Ricoh IT Solutions, Japan, and Ushasri T. S., Sr Vice President & General Manager of Manhattan Associates.

Two Keynote speakers for the Innovation Track were Manuela Veloso, from Carnegie Mellon University, USA (who presented a fascinating talk on robotics) and Chitra Rajagopal, Director of CFEES at Defence Research and Development Organisation, India. A Track speaker was Geetha Manjunath from Xerox Research Center, India.

A Keynote speaker for the Entrepreneurship Track was Takako Hashimoto, Director of Institute of Economic Research at Chiba, University of Commerce, Japan. She and other speakers: Jyotsna Pattabiraman, Founder & CEO, Grow in India and Agnes Irwanti, Co-founder of Multikom Global Mediatama, Indonesia shared their unique and often touching experiences related to creation of successful start-ups.

The Track on Empowerment was organised in a unique way, with only male senior executives as speakers. Manish Gupta, Vice President of Xerox Corp., Samir Gadgil, Vice President, HR and Head of Diversity of Wipro 1 and R. Pradeep, Head, HR, Siemens Technology and Services presented how their companies empower, assist in advancement and support female engineers. Their talks were supplemented by two R10 Director-Elect nominees: Stefan Mozar and Akinori Nishihara on the same topic.

All speakers took part in the Discussion Forum, during which the issue what more should be done to improve women' career advancement and responding to questions from the audience. Also an IEEE WIE Inspiring Member of the Year Award was presented to Ramalatha Marimuthu, past IEEE and R10 WIE Chair. We all wished we had more time for the discussion, but the 50th Anniversary Celebration of IEEE Region 10 was about to start….I am sure that this WIE Global Summit will have a long term influence on all involved: attendees, presenters and volunteers.

Prof Takako Hashimoto presenting the IEEE WIE Award to Prof Ramalatha Marimuthu.

Janina Mazierska
IEEE WIE Global Summit 2016 Chair

Panel discussion and Q&A session of the summit

IEEE Region 10 SYWL Congress 2016

The 2016 SYWL Congress began with the welcome address by Ravikiran, SYWLC Chair, followed by an address by Professor Howard Michel, 2015 IEEE President. The inaugural address was delivered by Dr G. Satheesh Reddy, who spoke about the relevance of technology for the security of a nation. Dr Vipin Tyagi, Executive Director, CDOT also gave a talk about the revolution in telecommunication. The opening session of SYWL Congress concluded with a vote of thanks by Sudeendra Koushik. The inauguration was followed by the technical sessions, which involved talks by Life Members and other speakers. The delegates got the opportunity to listen to the leaders on topics such as leadership development, the power of networking platforms, women empowerment in STEM fields and many more. In the afternoon session, Sudeendra Koushik and his colleague led an interactive team-building exercise, where delegates formed groups to address the challenges being faced by IEEE.

The SYWLC program on 26th August included an Innovation Challenge, which provided a great networking opportunity to all the participants. After a long day of technical sessions on second day the delegates had a pleasant evening in the form of a Cultural Night. Dressed in their respective traditional costumes, the delegates from different countries put up stalls displaying their cultural richness and heritage. The cultural stalls provided a great meeting venue for all the delegates and gave them an opportunity to exchange views and learn from each other. The delegates not only had the treat of food tasting from over 10 different countries but also to participate in a host of activities. With Pokémon and Calligraphy, the Japanese stall was definitely the crowd's favourite. Bangalore stall too lured the delegates with local delicacies like Mysore Pak and Obbattu. Later that evening, the delegates presented both traditional and contemporary dances from their respective nations. The performances concluded with all the delegates swaying at popular Bollywood dance numbers.

On the 27th morning, the delegates assembled for the final ceremony of the SYWL Congress. Shri Ananth Kumar, Cabinet Minister, Government of India for Chemicals & Fertilizers and Parliamentary Affairs, graced the occasion by his presence at the valedictory function. Speaking to a packed crowd, Shri Ananth Kumar highlighted the need for rapid and equitable change in the present times. He further commended the efforts of IEEE in creating a resource pool of technical professionals and experts from various fields and across countries. Describing IEEE as an agent of change, the Cabinet Minister invited IEEE to become a key stakeholder of Prime Minister Narendra Modi's vision of Digital India with emphasis on projects like E-PARLIAMENT and paper free governance.

Next Shri M.V. Gowtama, Executive Director, BEL, shared his experience with IEEE. Talking of the difficulty in acquiring technical information during his days, he highlighted the opportunities that today's youngsters have and encouraged them to utilize platforms like IEEE to their full extent. Other speakers for the valedictory function were Mr. John Day, Director, IEEE member products and programmers, and Mr Bibin Parakur Thomas Global chair, IEEE day 2016.

The congress was applauded for being a great opportunity and exposure to the delegates with something to learn for everyone.
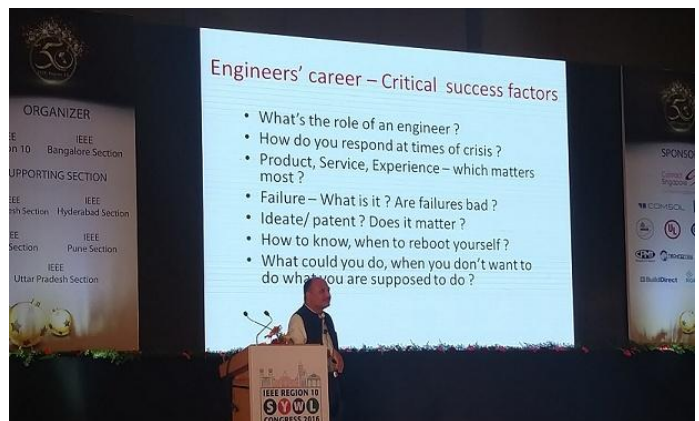
The awards being presented to delegates for events like Best Cultural performance, won by Sri Lanka and Best country stall, won by Malaysia. Most of the awards were bagged by the Bangladesh Section, which was actively represented by the maximum number of delegate.

2016 SYWL Congress – Student Track

IEEE Region 10 Student Activities Committee (SAC) was the proud host of the Student Track for the IEEE R10 SYWLC 2016 in Bengaluru, India, from 25th - 27th August, 2016. In line with the SYWL Congress theme the Students Track included a myriad of distinguished academics/professionals and an assortment of interactive contests and informative sessions. The goal of the track was to engage student delegates on a multitude of levels that would enhance their technical knowledge, impart leadership skills and encourage networking among each other.

The SYWL Congress was attended by over 300 students from 50 countries all around the world, on a selection basis out of 4,500 students who had enrolled for the congress. Prior to the SYWLC all student delegates were invited by the IEEE R10 Director Mr Ramakrishna Kappagantu on 24 August 2016 to attend the launch of grand celebrations of region's 50th anniversary at the Lalit Ashok Hotel at Bengaluru, India. This welcome allowed R10 SAC and student delegates to meet and introduce to each other for the first time in a very jubilant environment.

DAY 1 (25 Aug 2016) - The first day of the Student Track began with a session on "Understanding the Power of Platforms (Web, App, Social Media and Branding)" led by Dr Ramanujan Kashi, Founding Member of Koopid & Former Director, Avaya Labs. Emphasizing on the demand for scientists and the surge in people-to-device interaction, as opposed to people-to-people interaction, Dr Kashi illustrated the true potential of social media platforms, as powerful tools, in our daily lives.

Up next, was a session on "Being Professional in Your Career" led by Mr Viswanath Seetharam, CDO of CenturyLink Technologies & Savvis. Questioning the role of engineers and the way they approach problems, Mr. Seetharam shared lessons about the importance of setting benchmarks and treating failure as feedback as to what isn't working in a system/model. Furthermore, through the use of introspective examples, Mr Seetharam demonstrated how the experience one creates for others, is just as important as the provision of their products/services. The third session was on "Swayam Picosatellite: A Student Initiative – ISRO" led by Dr S. L. Patil, Dean, College of Engineering, Pune and Mr Pritesh Chajjed,

Designer at the Silabtech Private Ltd. In this session students were given a vital insight into the Swayam Picosatellite and how it came into being. While Dr Patil discussed the different parameters and probable emergency scenarios that were considered during the construction, Mr. Chajjed talked about the numerous design factors and their basis. This gave the students a complete technical outlook behind the smallest Indian satellite to be ever launched into orbit. Following this was a session on "IEEE vTools Training" by Dr P. Susthita Menon, Associate Professor, Institute of Microengineering and Nanoelectronics, UKM and Section SAC Chair, IEEE Malaysia Section. Dr Menon gave an elaborate tour of the IEEE vTools website and its different features. Guided by visual media, the students were given a complete walkthrough on how to annually report their SB officers and submit their activity reports to the IEEE. The final session of Day 1 of the Student Track was the "Panel Discussion: Building Your Career through IEEE". The session was moderated by Mr Gitansh Anand, SAP Consultant, Infosys Ltd & SCT Coordinator, IEEE India Council. The panel members were Mr. Munir Mohammed, Program Specialist of IEEE Communications Society & eHealth, Mr Dhanu Pattanashetti, IEEE Client Services Manager and Mr Parshva Bavishi, IEEE Student Program Coordinator. A wide range of topics were covered and numerous questions were answered, primarily revolving around IEEEXplore, IEEE USA, IEEE ResumeLab, IEEE Collabratec and IEEE Standards. The panel members shared their vast knowledge and experience, and talked about how the various features and benefits of the aforementioned platforms, can be applied in one's professional life and enhance the quality of his/her career.

In the evening delegates attended the R10 awards ceremony which was inspirational for them to work hard for better performance of their Student Branches.

Student delegates with Prof Janina Mazierska and Prof Kukjin Chun and other senior members after the awards ceremony.

Day 2 (26 Aug 2016) – The second day of the Student Track began with a session in which Dr Rajesh Ingle, R10 Student Activities Chair welcomed the audience and talked about the different initiatives and projects that are being undertaken by the Region 10 Students Activities Committee in 2016. He informed students about the wide breadth of resources that IEEE has ready for them, such as the IEEE Center of Leadership Excellence. He then requested everyone to utilize these to the fullest, to make the most out of their memberships and do the best for their organizational units. Next Ms Mehvish Zahoor, R10 Student Representative, introduced everyone to the sub-committee working behind the R10 Student Activities Committee. She then went on to elaborate upon the R10 Student Activities Committee Mentors Forum project, where she and her team has been striving to support, revamp, reach out and provide mentors to all the dormant Student Branches in R10.

The next session of Day-2 presented **"IEEE *Collabratec*: Spreading Innovative Technologies"** by Mr John Day, Director of IEEE Member Products and Programs, During the session a contest was organised which comprised of the entire audience being divided into 7 teams, each of whom would then collectively work together to promote a particular product/service on the IEEE Global Student Exchange Community in IEEE Collabratec. The winners were congratulated with certificates by Mr John Day, who served as the moderator for the program. Following this, the final session from the Student Track was the Student Branch and Sections Infographics Contest. Sixteen Student Branches and six Sections represented by their student leaders, took part in this contest. Here, contenders were tasked with representing the activities and achievements of their respective organizational units via infographics, which were then judged by Professor Kukjin Chun, Mr John Day, Mr. Parshva Bavishi, Mr Girish Khilari, and Mr Jeffrey Eker, CEO & Founder of CultureCloud and Region 2 Student Representative. The contest concluded as the top 3 contenders in each category were selected for the efforts and to be awarded later at the Valedictory Ceremony.

After the Infographics Contest a meeting was scheduled between R10 Director-Elect Professor Kukjin Chun, Section Chairs and student leaders from all different Sections across R10 to explore ideas and issues. The meeting was facilitated by the R10 SAC Chair Dr Rajesh Ingle and R10 Student Representative Mehvish Zahoor and was successful in having some candid discussions.

A Student Activities Committee meeting was scheduled later in the day with attendees from IEEE Kerala, Madras, Australian Capital Territory, Malaysia, Pune, Karachi, Islamabad, Bangladesh, Bangalore, Gujarat and Delhi Section. The meeting was hosted by Dr Rajesh Ingle, IEEE Region 10 Student Activities Chair along with the Meeting Coordinators, Shweta Singh and Anindo.

The day end with a Country theme Cultural Night wherein students dressed up in their country-specific attires.

Students in their traditional dresses

Key Outcomes - Students were empowered with deeper knowledge and insight into the activities and projects carried out by the Regional Committee and the numerous Sectional Committees across Region 10. The different sessions imparted both technical knowledge, and knowledge on the activities, resources and benefits of IEEE. The two contests fostered collaboration, constructive competition, networking and group discussions; from which they had a chance to learn from each other strengths and experience, and also collectively solve some of the problems they have been facing at their respective local OUs.

Dr Rajesh Ingle
Chair, R10 Student Activities Committee

2016 SYWL Congress – Young Professionals Track

The main focus of the Young Professionals track of the 2016 SYWL Congress was "*How to keep IEEE relevant for Young Professionals*" going forward for the next 50 years. The sessions were aligned in the manner of preparing leaders, managing career & working on skills needed for the future.

The Young Professionals track on 25th August 2016 inaugurated with a talk on "Improving Leadership Skills" by IEEE Past President Howard Michel where he primarily focused on the foundations of leadership, the global economics of the 21st century, the implications for tomorrow's leaders and wrapped it all up with the role of IEEE in Leadership Development. The session moved on to a wonderfully interactive talk by IEEE 2016 President-Elect Karen Bartleson titled "Managing IEEE and Career." Fresh graduates and experienced professionals alike were guided onto striking a balance between IEEE and their work. Following this, Jamie Moesch, Managing Director of IEEE Educational Activities Board, talked about the Big Picture of IEEE – What IEEE really is, The IEEE Approach, Benefits of IEEE in the Global Society, and the Contribution of IEEE in the collaboration between society and technology

The Young Professionals Track of day 2 of the congress, 26th August 2016, commenced with IEEE Region 10 Young Professionals Coordinator Nivas Ravichandran speaking on "Building a Young Professionals Community in Region 10". He highlighted the significance of the Young Professionals Sector of IEEE and most important programs organized by the IEEE Region 10 Young Professionals. This was followed by a discussion on the "Involvement of Young Professionals in Technical Societies" by Jose M. F. Moura, Vice-President of IEEE Technical Activities Board. He also talked about the importance of the Young Professionals but focused on the technical significance of this sector. The final session of the Young Professionals Track of R10 SYWL Congress 2016 was an interactive session targeted on "Keeping IEEE Relevant for Young Professionals". The activity aimed at identifying different products and services which could be initiated from IEEE for Young Professionals. A couple of interesting ideas came out of the discussion like IEEE Cafe, IEEE Pocket, etc.

The Young Professional representatives from various Sections also had a roundtable discussion with R10 Director-Elect Professor Kukjin Chun where several challenges and issues affecting Young Professionals were discussed. Finally, the discussion concluded with 2 recommendations from the Young Professionals representatives to IEEE Region 10 for the following years:

- A distinguished mentor & lecture program list for Young Professionals aiming at career enhancement sessions
- A technology-driven approach to communication for better member engagement.

The Young Professionals Track also held a contest open for all the Young Professional delegates of the congress which consisted of 5 tasks that continued throughout the 3 day duration of the program. The tasks aimed at promoting networking, voting in the elections and engagement on social media. Three lucky winners of the contest, Abhishek Appaji from Bangalore, Ankit Dave from Gujarat and Rakhi Joon from Delhi, were gifted Amazon Kindles. Overall, the talks and contests held at the Young Professionals Track were highly appreciated by the delegates.

Nivas Ravichandran
R10 Young Professionals Coordinator

2016 SYWL Congress – WIE Track

The WIE track of the IEEE R10 SYWL Congress 2016 was organized with the theme "IEEE R10 WIE - A unique platform creating smart women to lead the smart world". The program Chair of the WIE track of IEEE R10 SYWL congress was Celia Shahnaz, 2016 R10 WIE Coordinator.

On the First day of WIE track, 25th August 2016, the keynote speakers included Karen Bartleson, President-Elect 2016, IEEE President 2017, and Professor Takako Hashimoto, International WIE Chair 2015-16. Karen Bartleson delivered a talk on "Empowering Opportunities for Women in STEM through development of Lifetime Skills". She focussed on ten skills which every women in STEM should learn and practice in their career for empowerment. Professor Takako Hashimoto in her talk entitled "Global Career Development for women in STEM in Multicultural Environment", highlighted many challenges and problems faced by women in career development and provided effective tips to overcome challenging situations. Laura Edelson, Chair, IEEE Humanitarian activities Committee (HAC) 2015-16 delivered a talk titled "Encouraging WIE members for the involvement in humanitarian technology activities" in which she emphasized on the need for women to get involved into humanitarian activities so that women in rural and backward areas can be educated and empowered. She also focussed on HAC activities and how to apply for sponsorship of projects. The talk "Best Practices for WIE and Building a WIE Global Network for rejuvenating WIE activities in R10" was presented by Hsiao-Chin Chen, Faculty member of National Taiwan University of Science and Technology and Chair WIE AG of IEEE Taipei Section, Taiwan. She presented a set of guidelines to make south east and north Asian WIE AGs more active. Agnes Irwanti, Co-founder of Multikom Global Mediatama Company, Indonesia, guided WIE members through her talk "The opportunities for WIE members in entrepreneurship and innovation" and a video presentation about the importance of industry exposure and internships for innovations and to set off a start-up.

The Industrial Panel consist of Hla Nu PHYU, Data Storage Institute, Singapore, Emi Yano, HR Specialist, Ricoh IT Solutions Co., Ltd. Japan and from IEEE R8 Ms Sally Musonye, Engineer, Kenya Power. Ms K A Sadhana, Curator and Head Electronics Visvesvaraya Industrial & Technological Museum, Bangalore was the panel moderator. The panel started a five-minute presentation by each panel member on the topic "Challenges and solutions for WIE members in industrial activities". The presentations were followed by a discussion and question & answer session on how to improve the involvement of WIE members in industrial activities and what type of activities can be useful for the growth of women in industry.

Finally, a video message from Anastasia Georgouli, Industry Ambassador, IEEE Cyprus Section in R8, Founder & Chair of the IEEE Cyprus Entrepreneurs Network, encouraged WIE members in R10 to embrace entrepreneurship as a career. Two R10 Delegate-Elect/Director-Elect 2017-2018 candidates, Stefan Mozar and Akinori Nishihara informally attended the WIE track and expressed their support for enhancing WIE activities in R10. The first day of the WIE track ended with a group photo lead by Celia Shahnaz and R10 WIE team along with a large number of delegates.

For the second day of WIE track on 26th August 2016, the keynote speaker was Janina Mazierska, Fellow of IEEE and Past IEEE Region 10 Director. While discussing "Leadership (and Followership) Excellence", she touched upon three basic points about leadership: "What is leadership?", "Are we Leaders?" and "How to develop leadership qualities". Her talk was quite inspirational and motivating.

Celia Shahnaz through her talk, "Enhancing engineering, technical and professional knowledge by embracing WIE membership and activities conducted by R10 WIE" provided training to WIE volunteers. She acted as mentor to most of the WIE members, energized everyone by telling many tips on how to be passionate volunteer and how to make WIE AGs active. One more milestone was achieved by R10 WIE under her leadership since the newly revamped website was launched by Karen Bartleson and all WIE AG were requested to get connected with R10 WIE website.

Pamela Kumer, General Co-Chair, IEEE ANTS 2016, and VP, Cloud Computing Innovation Council of India, encouraged WIE members to involve and understand the role of WIE in technical activities. She focused on emerging trends in STEM research and explained the Cloud Computing and data security issues. She also provided a brief overview about the research areas under the Cloud Computing.

For the interactive panel discussion session with the WIE delegates, the panel members were Karen Bartleson, Janina Mazierska, and Laura Edelson with Celia Shahnaz as the panel moderator. The discussion topic was "Innovation, inspiration/leadership and empowerment of Women in STEM to lead the smart world". In response to Celia's questions about what motivated them to take higher IEEE positions, the panel members revealed that it all happened without being planned and they accepted it as a challenge.

Video messages from two past recipients of R10 WIE awards, namely Riri Fitri Sari from Indonesia Section (2011 IEEE R10 WIE Most Inspiring Engineer Award), Sarada Jayakrishnan from Kerala Section (2014 R10 WIE Professional volunteer award) and one recent recipient of global WIE award, Ramalatha Marimuthu from Madras Section (2016 WIE Inspiring member of the year award) were shown to encourage delegates to prepare themselves to be recognized for their excellent activities. An Idea Storming Platform moderated by Y. Vijayalatha, member, IEEE Educational Activities Board 2016, was arranged, where in response to call for participation by R10 WIE, five Section WIE AGs and one Student Branch WIE AG shared their invited and selected ideas and plans for possible WIE new initiatives programs (WIENIPs) and R10 50 Years celebration programs to

A group photo of WIE delegates

be organized by their AGs across R10 during September to December 2016. The second day WIE Track was concluded by vote of thanks from Celia Shahnaz followed by a group photo and promotion of international WIE Summit Pune on 23 - 24th September, 2016.

Posters presentation about the activities conducted in 2016 by WIE AG and SB WIE AGs were organized in the afternoon of 26 August 2016. Posters from different WIE AG and SB WIE AGs were displayed and official presenters were requested to be present at their posters. A panel of judges selected the posters for prizes. The first, second and third prize winners were WIE AGs of Bangladesh, Hyderabad and Pune Sections. Whereas the three WIE SBs, namely FISAT in Kerala Section, GRIET in Hyderabad Section and UIU in Bangladesh Section were declared as the winners in the competition since they all secured the same scores. Certificates were distributed among the winners during the valedictory session of SYWL Congress on 27th August, 2016.

Panel discussion session.

The WIE track ended with a remarkable positive feedback, full of strong networking and memories from delegates and speakers across diversified regions of R10 and other IEEE regions, such as USA, Kenya, Cyprus, Australia, Indonesia, Singapore, Taiwan, Japan, Malaysia, Vietnam, Thailand, Sri Lanka, India, Pakistan and Bangladesh.

Celia Shahnaz, Ph.D.
2016 R10 WIE Coordinator and
Program Chair, WIE Track, R10 SYWL Congress 2016

R10 Newsletter Special Supplement for 2016 R10 SYWLC

R10 Newsletter published a Special Supplement for the 2016 SYWL Congress, held to mark the start of 50 Years Celebrations of IEEE Region 10. It contains motivating messages from IEEE leadership and some past and present R10 Coordinators, as well as a brief overview of historical facts about the impressive growth of R10 over the past fifty years.

The Special Supplement can be downloaded from R10 website at:

http://www.ieeer10.org/wp-content/uploads/2016/08/R10-Newsletter-Special-Supplement.pdf

R10 Awards Ceremony

2016 R10 Awards were presented during the Golden Jubilee celebrations of IEEE Region 10, held at Bengaluru, India on 25th August 2016. IEEE 2016 President, IEEE 2015 President, IEEE 2016 President-elect, and IEEE 2016 Vice President for Technical Activities were present at the ceremony and presented the awards along with R10 Past-Director Janina Mazierska, Director-Elect Kukjin Chun and R10 Director Ramakrishna Kappagantu. The R10 awards presented were as follows:

1. 2016 R10 Outstanding Industry – Academia Collaboration Award

The recipients of the R10 Industry-Academia Collaboration Award are:

Rolls-Royce Singapore Pte Ltd & Nanyang Technological University (NTU) in recognition of the accomplishments of Electrical Power Systems Integration Laboratory at NTU

The Rolls-Royce & Nanyang Collaboration program, which has been operational since 2013 has established a world-class research and technology laboratory at the NTU in which over 70 research staff and PhD students have been, or are being, trained in addition to masters and undergraduate students. The program resulted in the publication of 35 papers so far, and targets to publish around 130 papers by 2018. All projects carried out in the laboratory are jointly supervised by one academic adviser and one Rolls-Royce manager.

2. 2016 IEEE R10 Organizational Units Awards

(a) R10 Outstanding Large Section Award

The winner is: **IEEE Hyderabad Section**

The IEEE Hyderabad Section with its nine Society Chapters and two Affinity Groups, and one Sub-Section arranged over 100 technical, educational, professional programs and meetings, and organized 12 outreach or community engagement programs during the year. The Section has 135 Student Branches, out of which nearly 100 are active. The Section has an Awards and Recognition program, and regularly communicates with its members using website and emails.

(b) 2016 R10 Outstanding Medium Section Award

The winner is: **IEEE Islamabad Section**

IEEE Islamabad Section and its two Affinity Groups sponsored or co-sponsored 8 conferences, and conducted 8 workshops and 3 outreach or community engagement programs during the year. Its four Society Chapters arranged 25 technical meetings. The Section with 30 active SB organized Pakistan SYW Congress 2015. The Section recorded higher grade membership growth from 338 to 537, and Student Member growth from 427 to 680 during the year. The Section communicated with its members using E-notices, a specially created LISTSERV, Facebook Group, and quarterly meetings with Student Branch Chairs.

There was no winner for the 2016 R10 Outstanding Small Section award.

(c) 2016 R10 WIE Section Affinity Group Award

The winner is: **Bangladesh Section WIE Affinity Group**

The WIE Affinity Group of Bangladesh Section conducted over 20 programs and meetings during the year, including Global WIE Conference 2015, WIE Mini-Workshop covering humanitarian technologies and cyber security, a WIE Seminar with former Chair of MGA-WIE as lead speaker, and a two-day conference 'Dream Engineering' for introducing careers in engineering to college and pre-college students. These programs

promoted outreach and engagement with students and community-at-large.

(d) 2016 R10 WIE Student Branch AG Award

The winner is: **Northern India Engineering College SB WIE Affinity Group**

Northern India Engineering College Student Branch WIE Affinity Group organized over 10 events, and 5 new project initiatives during the year. Highlights of these programs include the development of a Women Safety Device to assist in improving security, a Self Defence Workshop to deter crimes against women, and an educational interactive program with high school teachers and students. Membership of the Student Branch Affinity Group grew from 27 to more than 120 during the year.

(e) 2016 R10 Humanitarian Technology Activities Outstanding Award

The winner is: **IEEE Bangladesh Section**

Bangladesh HTA Program under the leadership of Professor Shaikh Anowarul Fattah, developed a low-cost Braille printing machine, a smart rescue robot, an aerial land-mine detection equipment, and a low-cost remote robotic diver. The program also developed user-friendly software for teaching autistic children using interactive drawings.

3. 2016 R10 Awards for Volunteers

(a) 2016 R10 WIE Outstanding Professional Volunteer Award

The winner is: **Mehrnaz Shoushtarian**

Mehrnaz Shoushtarian has been an active volunteer in IEEE Victorian Section, Australia and was Section WIE Chair during 2013-14. During 2015, she provided leadership for organizing more than 12 programs to expose and motivate women to consider science and engineering professions. Number of participants in these varied from 20 to 60. She conceived and organized 16 Wearable Technology Workshops with over 150 participants to promote creative and technical skills in fashion technology among high school students.

(b) 2016 R10 WIE Outstanding Student Volunteer Award

The winner is: **Laiba Javed**

Ms Laiba Javed (Islamabad Section, Pakistan) has been active as IEEE student volunteer for four years, and is Student Branch WIE Chair during 2015-16. She provided leadership for organizing more than 50 activities during 2014-15, with number of participants ranging between 10 and 320. She shouldered a variety of roles such as manager, coordinator, reporter, decor-in-charge and presenter. She has won many awards and recognitions for her volunteer roles.

(c) 2016 R10 YP Outstanding Volunteer Award

The winner is: **Mr Nipun Manral**

Nipun Manral is an enthusiastic volunteer. He was instrumental in Bangalore Section YP Group developing close linkages with academic institutions and industries. He organized several industry visits. In cooperation with other Societies and IEEE Organizational Units, he arranged several educational and entrepreneurial programs, and community outreach via humanitarian technology and pre-college students oriented initiatives.

(d) 2016 R10 Life Member Outstanding Volunteer Award

The winner is: **Professor Kunio Tada (Tokyo Section)**

Professor Kunio Tada popularized Life Member activities in Tokyo Section by organizing technical tours and collaborations with national engineering institutes. He was instrumental in promoting participation of Life Members in programs arranged by IEEE Section, Student Branches and Young Professionals Affinity Group; and he initiated the publication of a Newsletter. Professor Tada was R10 LM Coordinator during 2013-14.

(e) 2016 R10 Education Activities Outstanding Volunteer Award

The winner is: **Tan Kah Hooi (Malaysia Section)**

Tan Kah Hooi has been a volunteer leader for Techmentor Malaysia. He conducted Arduino learning and training programs and competitions for secondary school students and influenced his team-mates and students to think creatively and innovatively. He introduced students and teachers to programming and electronic circuit building via the STEM outreach; and showcased R&D projects in exhibitions.

(f) 2016 R10 Outstanding Volunteer Award

The winners are: **(i) Sri Nivas Singh (Uttar Pradesh Section, India) and (ii) Eddie Fong (New South Wales Section, Australia)**

Professor Sri Niwas Singh has been an IEEE Volunteer for over ten years, and served IEEE Uttar Pradesh Section in many roles, including as Section Chair. He was also active in IEEE India Council and Region 10 over the years. His leadership helped the Uttar Pradesh Section to take several new initiatives, and conduct more than 150 technical programs during 2014-15. He has received several national and international awards, and is an active researcher in electrical power systems field.

Eddie Fong has served IEEE New South Wales Section for more than a decade, and was instrumental in starting a Newsletter, Affinity Groups, Society Chapters, professional activities and student oriented programs such as TISP. He has been an active volunteer with IEEE Region 10, Consumer Electronics Society, and IEEE Standards program.

Dr Prasad Kodali
Chair, R10 ARC 2016

2016 R10 Award recipients with IEEE President, R10 Director and other dignitaries.

2016 Region 10 Awards Recipients

On behalf of Rolls-Royce Singapore Pte Ltd. & NTU, Dr Rajnish Gupta receiving the R10 Outstanding Industry–Academia Collaboration Award from President, Barry L. Shoop and IEEE 10 Director Mr Ramakrishna Kappagantu.

Hyderabad Section representatives receiving the R10 Outstanding Large Section Award from R10 Past Director Professor Janina Mazierska.

IEEE President-Elect, Karen Bartleson presented R10 Outstanding Medium Section Award to a representative of IEEE Islamabad Section.

R10 Past Director Prof Yong Jin Park presenting the R10 WIE Section Affinity Group Award to IEEE Bangladesh Section WIE Affinity Group.

2015 IEEE President, Dr Howard Michel presenting the R10 WIE Student Branch AG Award to Northern India Engineering College SB WIE Affinity Group.

Dr Michael Ong receiving the R10 Young Professional Affinity Group Award for Singapore Section YP Affinity Group from R10 Director-Elect, Prof Kukjin Chun.

2015 IEEE President Dr Howard Michel presenting the R10 WIE Outstanding Professional Volunteer Award to a member from IEEE Victorian Section for Mehrnaz Shoustarian.

On behalf of Laiba Javed, the R10 WIE Outstanding Student Volunteer Award was received by Um-e-Salam from R10 Past Director, Prof Yong Jin Park.

R10 Director-Elect Prof Kukjin Chun presenting the R10 Young Professionals Outstanding Volunteer Award to Nipun Manral.

IEEE President, Barry L. Shoop presenting the R10 Outstanding Volunteer award to Dr S N. Singh.

IEEE President-Elect presenting the R10 Outstanding Humanitarian Technology Activities Award to IEEE Bangladesh Section.

IEEE Membership Development News for R10

August marked a very nice end to the 2016 membership year, R10 has a very strong showing with our total membership at 109,875 and an outstanding growth of 12.2% Year-on-Year.

IEEE Worldwide also grew at 0.9%. This is the first time an increase in IEEE members since 2013. Thanks you for your hard work and riding the tough economic storm with us.

R10 has set the pace this year while all other regions are in the red. The main drivers are the Hong Kong Section and some of the Sections in India.

Recently big increase in Student Members is also seen, from 7.2% to 13.8%. This large increase in students poses a big challenge, and also provides us with an opportunity. Treat them well and make them feel belong to IEEE, then they will stay longer with us.

Some of the student elevation to full membership may be happening now. Remind them that IEEE is always behind them supporting them, they will be entitled to 50% first year dues. This is a critical moment in their memberships, always remind them the IEEE benefits in their coming professional years.

I would like to end this happy occasion on a very positive note. Twelve Sections have been awarded the gold medal for surpassing the recruitment and retention goals. They are Bangalore, Fukuoka, Kansai Karachi, Macau, Philippines, Seoul, Singapore, Sapporo, Victorian, Sendai and Vietnam Sections. Congratulations, you should be proud of your achievements.

A notable mention is that it is very heartening to see that the Japanese Sections have consistently maintaining a very high percentage of membership retention. Almost all of them have more than 80% retention rate. *Itsumo arigatou gozaimasu!*

Lastly, the Sections who submitted the activity plans for the R10 MD incentive grants have shown great results towards their 2016 goals. Their membership development efforts and hard work are commendable.

I am certain that all of us in R10 can bring the good results into the new 2017 Membership year.

Dr Michael Ong
R10 Membership Development Committee Chair (2015-16)

IEEE Region 10 Young Professionals Family Grows Bigger!

With the objective of bridging the young professionals spread across the Asia Pacific region, the IEEE Region 10 Young Professionals continue to form more and more Young Professional Affinity Groups in the region. The interest of young technocrats towards becoming a part of the most dynamic community for young professionals is evident through their dedication to officially form an IEEE Young Professionals Affinity Group. The new additions to the family in the recent past are:

- IEEE Taegu Young Professionals
- IEEE Kwangju Young Professionals
- IEEE Hong Kong Young Professionals
- IEEE Harbin Young Professionals
- IEEE Beijing – Qingdao Young Professionals

Now our network consists of 40 such vibrant Young Professional Affinity Groups and we are hoping the number to grow bigger at a rapid rate during the rest of the year. We congratulate and welcome these 5 new groups and look forward to witness outstanding initiatives by them to advance the humanity through technology.

If you are interested to form an IEEE Young Professionals Affinity Group, write to us at nivasravichandran@ieee.org for more details and assistance.

Nivas Ravichandran
R10 Young Professionals Coordinator (2016)

IEEE Email Security Alert
Beware of Phishing Attempts Targeting IEEE Leadership Positions

Recently, IEEE has become aware of email scams or phishing attempts where IEEE volunteers are requested to send money or to provide access to sensitive information which the attackers may then use to conduct fraudulent or malicious activities.

Attackers may send you email that looks like it is coming from legitimate sources, using actual names and email addresses of high-level IEEE leaders like Society Presidents, Section Chairs, and Conference Organizers. For example, the attacker may pose as an IEEE volunteer and ask you to transfer money or to reply with bank account information. In these situations, the email address used by the attacker may even look like it is coming from a legitimate @ieee.org address or an address you may be familiar with.

To protect yourself against these types of attacks the IEEE IT Security and Legal and Compliance Departments would like to offer the following tips and best practices:

- Do not click on links or attachments received from unknown senders. Keep in mind that you could compromise your computer system and any personal or business information stored in it.
- Be familiar with and follow IEEE payment processes. If someone asks you to do something inconsistent with these processes, do not do it.
- Be careful of emails asking you to act immediately, especially if something sounds too good to be true. Think before taking any action.
- When verifying the sender, do not use the information in the suspicious email.
- Trust your instincts. If a request appears to be coming from someone you know, but just doesn't feel right, contact that person using a different method (e.g. if the unusual request comes through email, call them on the phone). Use the IEEE Online Roster for contact information. http://www.ieee.org/roster.
- Be careful how much information you share on social media sites and do not share personally identifiable information or passwords through non-secure communication platforms.

If you receive an email, call or text requesting that you take an action, even if it is consistent with the responsibilities of your current IEEE leadership role, but you are unsure if it is legitimate, please notify your supporting IEEE business unit and make them aware of the situation.

For additional information about targeted email scams: please refer to the following Spectrum article: *Fighting Today's Targeted Email Scams*.

If you have questions about this message or need assistance, please visit our https://supportcenter.ieee.org to view the FAQs on Phishing Attempts or reach out to the Contact Center where a service professional can assist you (contactcenter@ieee.org).

IEEE Contact Center (http://www.ieee.org/contactcenter)
Phone: +1 732 981 0060 (Worldwide) Business hours: Sunday 4:30 pm. through Friday 4:30 pm. ET

EDUCATE RURAL MALAYSIA IN CONJUNCTION WITH LIGHT OF BORNEO

Miri, a bustling city by the sea with a uniquely laid-back vibe; and just a stone's throw away from the towering crude oil tanks in Lutong lay an intricate network of back-lanes that make up the Kampung Api-Api settlement. Facing the sea, Kampung Api-Api is the perfect backdrop for Miri's pièce de résistance; the brilliant sunset that paints the sky shades of orange and pink. However, for the villagers of Kampung Api-Api, sunset means one thing - their only source of natural lighting has now dipped beneath the horizon. To us, this may seem insignificant because we can just reach for the switch to turn on the lights. But imagine when you flip the switch, you still stand in the dimness of twilight. It may seem like an unlikely situation to you, but for the villagers of Kampung Api-Api it is a daily routine.

Kampung Api-Api does not have an electricity scheme. The lack of electricity supply creates a host of problems for the villagers in day-to-day activities. The most critical of problems is at night when there is no electricity for artificial lighting. To counter this, villagers relies on generators that are only used after nightfall when lighting becomes a necessity. The generators run on diesel and fuel for the generators cost upwards of RM 200 a month. The cost of operating the generators is a burden to the villagers, making it impractical to leave it running all the time. Therefore, villagers do not have electricity during daytime to operate basic appliances such as refrigerators and electric fans.

An old couple living in a dark house with no basic amenities and nobody to depend on.

It is in this Kampung Api-Api that a group of youths from the Curtin Sarawak IEEE Student Branch and AIESEC in Curtin University Sarawak resolved to join hands and work towards a solution for the villagers' electricity problem. IEEE and AIESEC co-organised the Light of Borneo Project (LOB) that provides the villagers with solar lamps to alleviate the villagers' electricity problems. The solar powered lamps contains batteries that can be charged via solar during the day. The batteries will then provide power for the lamps at night. With the solar powered lamp, the villagers can be less reliant on the generators for lighting during the night. In conjunction with the solar table lamps distribution, Datuk Sebastian Ting, representative of electoral district of Miri, was invited and witnessed the distribution. Francelouis Tie Sing Yong Chair of Curtin Sraawak Student Branch commented that they intend to propose more solar powered lamps for the villagers in future, with the support of Datuk Sebastian Ting.

IEEE also conducted the Educate Rural Malaysia (ERM) Survey concurrently with LOB in hopes to raise awareness on the importance of education and engineering in creating solutions to real world problems. The survey was conducted to understand the sentiments of the villagers in sending their children for education. IEEE volunteers managed to approach 33 households in Kampung Api-Api over the course of two days. Out of the 96 youths surveyed, only 7.3% are currently in tertiary studies.

Majority of the households shares the same view on education; they completely understand the importance of education. Many of the elders wish to see their children grow up to be successful and to have an easier life in the future. At one of the houses, the father shared, "I want my children to have a good life in the future," he said solemnly with his gaze on his daughters, "I don't wish to have them suffer as I did." Nevertheless, the villagers face many issues, the main one being the financial burden of sending their children for further studies. Many families just cannot afford to do it. Besides, some of their children are more interested to head out and look for jobs before completing their studies. They find studying a challenge and do not have interest in continuing to tertiary levels. For the younger ones who are still in primary school, studying is a challenge because of the lack of electricity. The children were not able to revise and do their homework at night because there is no light. Many of the factors are compounding each other, such as lack of electricity, financial instability and rising costs that results in the younger generations to lose interest in studying. This is the first community outreach survey of ERM and we look forward to perform similar surveys to foster the importance of education as well as to bring the issues these communities are facing to public eye. Through this we intend to make a change in rural communities of Malaysia, said Saaveethya Sivakumar the founder and Chair of ERM.

Villagers of Kampung Api-Api over joyed upon receiving solar lamps.

The warm welcoming smiles of the ladies in Kampung Api-Api and the laughter of kids running around sometimes makes us forget the predicament the villagers are in. It just shows how much strength and resilience the villagers possesses. Through the Light of Borneo and Educate Rural Malaysia, we realised the privileges we have compared to the villagers of Kampung Api-Api; they got the short end of the stick. Dr Garenth Lim King Hann Curtin Sarawak Student Branch Counsellor remarked that they encourage engineering students to go into community to understand their problems and then apply their skills to help the need of people with technology. Therefore, given the possibilities made available to us, we need to do as much as we can to make a positive impact in improving lives of the less privileged.

Hoi Chee Hoi
Sarawak Subsection, Malaysia

IEEE Victorian Section

Thinking Machines in the Physical World

2nd IEEE Conference on Norbert Wiener in the 21st Century

Thinking Machines in the Physical World, the 2nd IEEE Conference on Norbert Wiener in the 21st Century, was held 13-15 July at The University of Melbourne, Australia. It drew over 100 attendees from a range of disciplines around the common theme of 'cybernetics' to discuss emerging technologies and their challenges. This follows a successful inaugural conference in Boston in 2014.

The conference was supported by five technical sponsors: IEEE's Society on the Social Implications of Technology (SSIT), IEEE Control Systems Society (CSS), IEEE Systems, Man and Cybernetics (SMC) Society, the IEEE Victorian Section and the International Federation of Automatic Control (IFAC).

The conference's organising committee was led by General Chair Dr Greg Adamson (President IEEE SSIT) and Technical Program Chair Prof Iven Mareels (Dean, Melbourne School of Engineering).

Two pre-conference workshops were held on 12 July. The first, the 9th Workshop on the Social Implications of Technology with the theme 'The Socio-Ethical Implications of Implantable Technologies in the Military Sector' chaired by Prof Katina Michael (University of Wollongong). The second, the conference's Doctoral Workshop, attracted students from the Melbourne area, chaired by Phil Hall, Dr Heather Love and Prof R.E. Burnett.

Keynote speaker Dr Jürg von Känel (IBM Research)

The main conference was structured as a single track to promote communication across various disciplines including sciences and humanities using the Macy Conference format. Five keynotes framed the conference theme by presenting important research from various perspectives. Speakers included Prof Brian Anderson AC (ANU), Dr James Hughes (Institute for Ethics and Emerging Technologies), Prof M. Vidyasagar (UT Dallas), Prof Judy Wajcman (London School of Economics) and Dr Jürg von Känel (IBM Research). Prof Graeme Clark AC, pioneer of the cochlear implant, discussed the importance of Wiener's work at the conference's gala dinner.

Additional highlights included two exciting panels that addressed pressing questions for society and technology. The first on technology and the future of work: Do we have a responsibility to the communities we impact? The second, can we program ethics into artificial intelligence? Both were highly energised and thought provoking.

The conference also attracted nine financial sponsors: Infosys, Inmatic, Oracle, the Australian Government's Defence Science Technology Group (DSTG), NASSCOM, The University of Melbourne, Melbourne School of Engineering, La Trobe University and Deakin University's Institute of Intellectual Systems Research and Innovation (IISRI).

Finally, a team of 15 student volunteers from a range of local universities were instrumental in making this event a success. The IEEE Student Branches included The University of Melbourne, La Trobe University, Deakin University, Monash University and RMIT University.

The third conference on Norbert Wiener in the 21st Century has been proposed for Budapest, Hungary in 2018.

Dr Greg Adamson
President, IEEE's Society on the Social Implications of Technology (SSIT)

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IEEE Kansai Section

Metro Area Workshop in Kansai 2016

The Metro Area Workshop (MAW) in Kansai 2016 was held on 4th - 5th August at Doshisha University. It was the second MAW in Japan, following the first one held in Tokyo last year. The purpose of the MAW in Kansai was to energize local electronics industries in Kansai area by connecting students, researchers in universities/institutes and professionals and engineers in enterprises. The workshop focused on three points:

1) Enticing the engineers in the small to medium sized companies who have not interacted with the IEEE

2) Networking between students and professional engineers

3) Introducing new topic for IEEE members

The workshop agenda was set to reflect the recent interest to many, such as "Sensors & Devices", "Industry 4.0 in Japan and IoT System", "Healthcare System and Intellectual property", "Robotics & AI", "Interactive robots and the fundamental issues" and "Government policy on Science, Technology and Innovation".

Some sessions took lecture style and some took panel discussion style. The attendees actively participated in the sessions and lively discussions were held. All sessions were very informative for professionals since the lectures and discussions cover not only technical research but business models, the problems in practical use, government support plan, and so on.

Poster session was organized to connect students to professional engineers and activities in IEEE. The session included posters from 21 students' research projects, 3 company's exhibition, 12 Student Branch's activities, 7 SYWL activities and activities of 12 Technical Society Chapters. The whole session was organised in the same hall, which helped to facilitated active discussion and created an environment of enthusiasm.

A lot of students, professionals, academics and researchers joined the banquet held on the last day. It was a very good opportunity for networking. Japanese Sake tasting event created relaxed atmosphere and promoted the communication among attendees. During the banquet, student poster presentation

awards were commended by Professor Howard E. Michel, IEEE Past President.

Attendees at one of the lecture session.

IEEE Kansai section asked local government agencies and economic organizations for industries to recommend the attendance to MAW for their member companies. Also, we visited more than 10 companies and sent the brochure of the IEEE and MAW in Kansai to more than 30 companies to explain the usefulness of IEEE and invited participation to the MAW in Kansai.

Some of the MAW participants with Professor Howard E. Michel, IEEE Past President.

As a result, overall 274 people attended to MAW and half of them were non-IEEE members. Four companies (Sumitomo Electric Industries, OMRON Corporation, Mitsubishi Electric Corporation, ROHM Semiconductor) sponsored. Three companies (NTT Communication Science Laboratories, Takebishi Corporation and Sharp Corporation) exhibited their technologies.

Taking advantage of this opportunity, non-IEEE members were strongly encouraged to apply for IEEE membership. It is anticipated that MAW will help to boost the membership of Kansai Section in due time.

Hironori Yamauch
Chair, IEEE Kansai Section

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Interested in advertising your conference in this newsletter? Contact us at r10=ecn@ieee.org

IEEE Uttar Pradesh Section

IEEE R10 Mini-POCO

The Centre for Information Technology, University of Petroleum and Energy Studies (UPES), Dehradun successfully organized the IEEE R10 Mini POCO (Panel of Conference Organizers)" on 11 June 2016. It was held in technical association with IEEE Uttar Pradesh Section (India) and in collaboration with Next Generation Computing Technology Society, Dehradun. The Mini POCO was inaugurated by Chief Guest Prof P. K. Garg (Vice Chancellor, Uttarakhand Technical University, Dehradun) and Guest of Honour Dr S. N. Singh (Professor, IIT Kanpur & R10 Conferences & Seminars Coordinator).

Professor P. K. Garg in his inaugural talk entitled "Objectives & Planning of Organizing the Conferences" emphasized on the importance of organizing the quality conferences and its benefits. In the keynote speech entitled "Key Issues and Challenges in IEEE Sponsored Conferences in Region 10 (Asia-Pacific)" Professor S. N. Singh pointed out the challenges for organizing the quality conferences in the region. He also highlighted the key points to remember for making a conference a grand success.

Amongst other speaker, Dr Dilip Kumar Sharma (Secretary, IEEE UP Section) delivered a talk on "IEEE Best Practices for Organizing IEEE Quality Conferences". He focused on the guidelines which conference organizers must follow during the conference as well as major steps to get conference approval from IEEE and signing MoU, Letter of Acquisition, other contracts between IEEE UP Section and Organizers. Prof J. Ramkumar (IIT Kanpur) and Mr. Gordon McPherson (Director, Conference Quality, IEEE Inc., USA) presented keynotes through Video Conferencing on "Challenges for Next Generation Engineers" and "Effective Technical Program Development", respectively.

Other talks include,

- "Conference Management System" by Dr Amit Agarwal (Vice President, Next Generation Computing Technology Society)
- "Turnitin-Plagiarism Detection Tool" by Mr. J. C. Patni (UPES, Dehradun)
- "Conference Publishing Services" by Mr. Ravi Tomar and Mr. Hitesh Kumar Sharma (UPES, Dehradun)

In this program, more than 50 representatives from various organizations like IIT Roorkee, IIT BHU, Amity University, SRM University, Chandigarh University, and many more from across India participated and learned about how to organize a quality IEEE conference.

Mini POCO session in progress

Dr Amit Agarwal, Center for Information Technology
University of Petroleum & Energy Studies, Dehradun, India

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IEEE Malaysia Section

Visit to the Construction Site of Malikai Offshore Platform

An event was organized on Friday, 29 April 2016 to share the development of the Malikai project with 23 representatives from six Professional Institutions in Malaysia, namely the Institution of Engineers Malaysia (IEM), the Institute of Marine Engineering, Science & Technology (IMarEST), the Institution of Mechanical Engineers (IMechE), the Institute of Electrical and Electronics Engineers (IEEE), the Institution of Chemical Engineers (IChemE) and the Institute of Materials Malaysia (IMM). Malikai is a deep-water oil discovery located ~100km offshore Sabah, Malaysia at a water depth of 500m. It is developed as a floating Dry Tree Unit (DTU) utilising a Tension Leg Platform (TLP). Being a fully manned platform, Malikai comes complete with living quarters (LQ) and control room to deliver nameplate production capacities of 60,000 barrels/day of Liquid and 50 million scf/day of Gas. The event began with a safety induction for all visitors followed by a welcome speech by Momas Modon, Malikai's Project Manager who provided an overview of the Malikai TLP, a deep-water flagship project within Shell infused with various industry breakthroughs and proudly delivered by a dynamic team consisting of mainly Malaysian engineers. This is indeed a very proud achievement for Malaysia.

IEEE Malaysia was represented by the immediate past Chair Associate Professor Dr Norliza Mohd Noor, and the Vice Chair, Associate Professor Dr Mohammad Faizal Ahmad Fauzi and past student activities chair Dr Md Pauzi Abdullah.

Group photo at the construction site

Fawnizu Azmadi Hussin
Communication & Newsletter, Malaysia Section

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IEEE Delhi Section
Technical Workshop Series

Following the well-known saying "*Action is the foundational key to all successes*" IEEE Delhi Section has been perseveringly organizing technical events to provide its student members a hands on experience in engineering disciplines. The Section believes in assisting its student members with industrial exposure which in turns plays a key role in invigorating the IEEE society as a whole. As a part of its initiatives, the following workshops and sessions were conducted with the support from R10 Industry Relations Team. IEEE Delhi Section would like to thank R10 IR team for their support for making this initiative a great success.

IEEE Delhi Section Students Activity Committee (SAC) organized its first workshop of the series on Website Development at Jamia Hamdard University, Alaknanda on 19th and 20th March, 2016. The guest speakers, Ms. Sunakshi Mehta

and Mr Vakul Sehgal, Freelance Developers and founders of Website Sketchers took the session and helped students in developing websites from scratch using the latest techniques and methodologies. The zealous bunch of around 140 students made more than 60 wireframes of their websites after the workshop and made this initiative of the Section a great success.

Continuing its legacy of providing exceptional technical exposure to its members, another workshop on Open Source Software Development on 16th and 17th April, 2016 at Delhi Technological University. In the course of the workshop, the development was done in Linux operating system. The workshop was attended by around 100 students from over 20 colleges of Delhi Section such as DTU, MAIT, Jamia Millia Islamia, NSIT etc. The instructor of the workshop Ms. Tapasweni Pathak, is a software developer at SAP Labs, Bangalore. This industry-academia collaboration was indeed a significant step for the student members as well as Delhi Section as it paved the way for students to explore plethora of career alternatives available.

Next IEEE Delhi Section, in collaboration with Texas Instruments India University Program organized a two day hands-on Hardware Design Workshop using TI platform. It was held on 3rd and 4th of September, 2016 at Bharati Vidyapeeth's College of Engineering. This workshop was mentored by experienced educators and project assistants from Texas Instruments (TI) who came all the way from Coimbatore to Delhi. They elucidated the young minds about latest technologies and edified their technical skills. The students will be presenting a project based TI's multi-signal microcontroller, MSP430 and in the second phase of this initiative, at a zonal level ethical Hacking competition, in which top three teams from every zone would stand a chance to compete at state level competition. Through this, students not only learnt the latest technical trends but were able to showcase their competencies and skills.

The workshops are followed by online mentoring and doubt clearing sessions. The project would be concluded with the project presentations to be organized in April 2017. The dedicated team from the workshops have launched first smart phone application with a vision to facilitate the networking among various Student Branches as this app would be a forum where students can connect and collaborate.

With similar technical initiatives and industry-academia collaboration, IEEE Delhi Section is working consistently to provide its members with unparalleled experiences and hopes to weave their future with the threads of knowledge and proficiency.

Students attending a technical workshop

Yashi Sarbhai & Srishti Rawat
Editorial Heads, Delhi Section SSN

IEEE Harbin Section

IEEE Harbin Section Starts IEEE R10 50th Anniversary Celebrations in China

Harbin Section sponsored and organised a grand meeting on August 20th in Harbin to start China's one-year-long series of celebrations activities for the IEEE R10 50th Anniversary. To mark the historical occasion, the Harbin Section organized a week-long series of activities which included seminars, training courses, photographic exhibition, discussion forum, information booths to popularize IEEE and academic salon for local members.

Harbin Section's poster for the 50th Anniversary Celebrations

The R10 50th Anniversary meeting was held in the Convention Center of the Harbin Institute of Technology (HIT). The meeting was chaired by Professor Qun Wu, Vice Chair of IEEE Harbin Section and attended by over 100 local IEEE members. The representatives of other Sections in China and representatives from the R&D field of industry and local government also attended the event and conveyed congratulatory messages.

At the opening ceremony Professor Jianguo Huang representing R10 Director read out the congratulation message of Mr Ramakrishna Kappagantu which said "Harbin Section has achieved notable progress not only in membership development, but also in international academic exchange and cooperation. Congratulations to Prof Qun WU, Vice Chair of Harbin Section who received the "2015 IEEE R10 Outstanding Volunteer Award".

Professor Mengqi Zhou on behalf of IEEE China Council and Beijing Section gave a congratulatory speech in a traditional Chinese poem form describing the Harbin Section's progress.

Mrs Lan Wang, on behalf of IEEE China Office gave a speech and presented a commemorative gift to the IEEE Harbin section.

Professor Wu Qun in his speech summarized the history and development plus major achievements of Harbin Section over the past 10-year. Prof Wu also presented the future plan of Harbin Section both for IEEE membership development and technical programs. Qun Wu said the experience and the achievements of Harbin Section over the last 10 years confirmed it as a solid example in mainland China for operating a successful Section.

Launching the start of celebration activities by switching a photoelectric ball.

At the end of the celebrating ceremony the guests were invited to switch a glass ball together to announce the start of R10 50th Anniversary Celebration, with a spectacular display of music, laser, audio and video in the meeting room at the same time.

Harbin Section Celebrates 10th Birthday

The Harbin Section in northeast region of China was formed in 2006 and members were thrilled on 20 August 2016 to celebrate the Section's tenth birthday in conjunction with the R10 50th anniversary celebration function, which made the festive activity more colourful. The local members were able to attend opening ceremony of R10 50th anniversary celebrations.

In order to spread the information about the R10 50 anniversary and 10 birthday of Harbin Section, volunteers fabricated over 20 poster boards both in English and Chinese languages for exhibition tour at different sites in local city.

As part of the celebration activities Harbin Section sponsored talks for students and members on following topics:

- How to publish papers in the IEEE journals
- Strategy and Critical Issues on how to organize High Quality International Conferences
- Why my paper is always rejected after submission?
- What is the "IEEE Prohibited Authors list" and Academic Misconduct Warning?
- How to become an IEEE senior membership and fellow
- An introduction to IEEE Society Chapter and Section
- Introduction to IEEE Society Chapters of Harbin section

A Photography exhibition about the growth of Harbin Section and its Technical Societies Chapters was also held. Sessions were also organised for the introduction of newly-formed IEEE Harbin WIE and Young Professional Affinity groups, recently formed Chapters and HIT Student Branch.

As one of the 9 IEEE Sections in China, Harbin Section has developed into a more creative and lively Section. It has made serious efforts to carry out the mission of fostering technological innovation and excellence for the benefit of humanity. IEEE Harbin section has successfully held many of international activities since its establishment.

Photographs and Posters exhibition

Professor Qun Wu
Vice Chair of IEEE Harbin Section

IEEE Gujarat Section

Electronics 2020 and Beyond

A one-day One day National Seminar on "Electronics 2020 and Beyond" on 16th July 2016 was jointly organized by Electronics and Communication Engineering Department, A. D. Patel Institute of Technology, New Vallabh Vidyanagar, Gujarat Technological University (GTU) Innovation Sankul V V Nagar Zone 1 and local IEEE Student Branch,. The event was supported by IEEE AP/MTT Chapter, IEEE SPS Chapter, IEEE IAS/IE/PE Joint Chapter and IEEE Gujarat Section.

Electronics and Communication is an engineering discipline which needs immediate attention of the society for the manpower that would be needed in the future. The aim of the seminar was to create awareness about the state of the art in electronics and ample opportunities it would provide for the next generation engineers. The need, scope and opportunity with reference to digital India movement and policy of the state government from 2016 – 2021 needs to be spread among society and stack holders such as students, faculty, parents, industry and R&D organizations.

Er. V. M .Patel, Hon. Joint Secretary, CVM, President of the program giving presidential remarks.

The 545 participants consists of students, including 35 school students, and 22 faculty members. The program started with inaugural function in which Dr R .K. Jain, Principal of A. D. Patel Institute of Technology and Director (Academics) GTU Innovation Sankul V. V.Nagar zone -1 welcomed the dignitaries and delegates and invited experts to visit New V V Nagar as well as GTU. Dr Hetal Patel, Professor of ECE Department, Counsellor - IEEE Students' Branch and Chair of Women's Development cell outlined the seminar program. Er. Shri, V. M. Patel, Hon. Joint Secretary, CVM blessed the occasion with his presidential remarks and motivated the participating faculty members and students. In his short speech he explained the need of the day and requirement of skilled manpower in Electronics by 2020. He also welcome the expert speakers from Industry and R&D organization who spared there valuable time for the benefit of GTU students and faculty and society at large.

The following talks were given at the seminar:

1. "Electronics Industry 2020 and beyond" by Jwalant Joshipura, Group Head, ST Microelectronics, Noida, New Delhi
2. "Signal Processing and Internet of Things" by Anup Shah, CEO, Insignex, Anand
3. "Space Electronics and Communication" by Dr Jolly Dhar, SAC ISRO, Ahmedabad
4. "State of the Art in Electronics for Industrial Automation by Dr J. J. Barve, GE, Bangalore

Jwalant Joshipura his talk on Electronics Industry: 2020 focused on electronic chips, nanoelectronics as well as molecular electronics as a future for electronics with IoT and CPS to be deployed everywhere. Anup Shah made excellent video based presentation on electronics for agriculture and farming. He demonstrated IoT for agriculture and farming and invited students to carry out projects on this emerging area of electronics with the help of computer and internet technology. Dr. Jayesh Barve talking about the state of the art in electronics for industrial automation explained the relation between electronics and automation. Ankit Dave gave a presentation about IEEE wherein he explained how it helps to become student member of any professional organization in terms of technical knowledge, technical literature, attending program at low registration, visit abroad and participation in the worldwide competitions, thus benefiting in engineering career. Dr. Vishvjit Thakar, Professor and Head, ECE Department, A. D. Patel Institute of Technology and GTU Innovation, Sankul Co-Chair (Academics) presented vote of thanks for all those who had supported to make the program a great success.

Student volunteers who supported the seminar

Prof V K Thakar and Prof Shailesh Khant
A. D. Patel Institute of Technology, New V. V. Nagar and GTU Innovation Sankul V V Nagar zone 1.

Important Message

Dear R10 Section/Council/Chapter Chairs,

We are now entering the time for your geographical unit to wrap up the activities including elections and reports.

I would like to remind you of the preparation for next year 2017 including tasks as follows:

- Hold Officer Elections, to announce new officers and to report the new officers using v-Tools.
- Review meeting reporting on v-Tools for all local units and bring it up to date.
- Prepare plans of activities for the next year by participation of the current and new officers.
- Election Calendar tool - http://www.ieee.org/membership_services/membership/senior/section_election_calendar_tool.xls.
- Organize an Annual Meeting/Dinner with Section Awards.

Region 10 RVC wishes for fruitful activities in this year 2016.

Thank you very much,

Kukjin Chun
Region 10 Director-Elect & IEEE Region Vitality Coordinator (RVC)

Discount on Dell Computers

IEEE Queensland Section

Recent Young Professionals Activities in Queensland

Young Professionals Queensland strives to deliver events on hot topics. At the beginning of September, we organized seminar partnership with Engineers Australia called Challenges and Opportunities in Distributed Network Planning. Our guest speaker was Dr Daniel Eghbal, Future Network Strategy Engineer at Energex and an adjunct research fellow at the University of Queensland. His talk was mainly focused on the how disruptive technologies such as advancements in battery and storage technology impact the way electricity networks operate. He then discussed the research questions and career opportunities this disruption would lead to.

Dr Daniel Eghbal delivering his talk.

The second half of this year was in sign of startups for Young Professionals Queensland. We partnered up with Liveh2h and stream live series of 12 Week Startup Accelerator Program hosted by Kayvan Baroumand, CEO and serial entrepreneur. Live streams broadcasted from the hearth of Silicon Valley and recordings are available at:
http://www.liveh2h.com/liveshare/startup-series-from-silicon-valley/from-idea-to-exit/.

In conjunction with this series we also hold three live events. First was opening and announcing the live broadcast stream on 4th of August.

The next event held on 22nd of September, Grow Your Startup Globally, was presented by successful entrepreneur and experienced startupist Ed Horwood, who is currently scaling another of his businesses, MyShipper, globally. Ed shared his journey and explained what does it takes to kick start and scale your startup idea.

Our sixth event of this year is called The Startup Theory held on 13th of October. Our first speaker, Cole Wilkinson from Pitcher Partners will talk about business structure, taxation, rising funds and applying for government grants. Second speaker, Wayne Rabnott from Business Development, Executive Economic Development and Strategy Development Logan City Council, will hold session on business setup strategy called Critical Non Essentials. This event also offers great networking opportunity with like-minded people. All live startup events were financially supported by R10 Young Professionals and we used this money to arrange catering for attendees.

Connect with us on Facebook:
www.facebook.com/IEEEYPQ

We look forward to see you in our events.

Alexandra Posoldova
Chair, IEEE YP Queensland Section

IEEE Malaysia Section

IEEE WIE at IEEE ICC'16

The IEEE Malaysia WIE Affinity Group is indeed honoured to represent the IEEE WIE global at the IEEE International Communication Conference (ICC'16) - Communications for All Things on 23 – 27 May 2016, Kuala Lumpur, Malaysia. Vibrancy of IEEE WIE reverberated through with its presence at the N2 Women Networking and the Exhibition events. The N2 Women Networking event was led by Maite Brandt-Pearce (University of Virginia) and Melissa Duarte (Huawei) with a discussion on leadership, academia and industry as well as networking with women in the communication field. The Exhibition event was led by LEE Yoot Khuan with help by the Executive Committee and members of IEEE Malaysia WIE Affinity Group, Maryam M. Isa, Nur Idora Abd Razak, Norashikin Yahya, Rashidah Fumke, Azlina Idris, Nur Harnani Othman.

WIE Booth at IEEE ICC'16

A total of about 150 participants of the conference visited the booth, with enquiries ranging from who is WIE, is WIE discriminating against man, to could men join WIE etc. Of course, all of them fell in love with WIE freebies. It has been a busy but truly rewarding experience to promoting, networking and increasing visibility of WIE, global and Malaysia. We would like to thank the IEEE WIE global for giving us this opportunity.

Conference delegates at the WIE Booth

Lee Yoot Khuan
WIE AG, IEEE Malaysia Section

IEEE Malaysia Section

2nd IEEE PES Student Congress 2016

IEEE Power & Energy Society (PES) Malaysia Chapter in collaboration with IEEE PES Student Chapters (Universiti Tenaga Nasional, Universiti Teknologi Mara and Universiti Teknologi Malaysia, Universiti Kebangsaan Malaysia) successfully hosted the 2nd IEEE PES Student Congress (PESSSC) 2016. This event was attended by 70 participants representing IEEE PES Student branches from 25 countries; Ecuador, Palestine, Hungary, India, Pakistan, Tunisia, Brazil, El Salvador, Tunisia, Sweden, Turkey, Singapore, Croatia, Bosnia and Herzegovina, Costa Rica, Tunisia, Colombia, United States, Peru, USA, Mexico, Panama, Guatemala and Malaysia. The congress was an amalgamation of young minds to meet, discuss and collaborate on various topics of interest, namely in the area of Renewable Energy, Electricity Generation, Transmission, Distributed Generation Energy Efficiency, Smart Grid and any new emerging technology in the Power and Energy Industry.

Backed with the strong support from various Energy Industry Players, (Tenaga Nasional Berhad as the platinum sponsor, SHER Engineering and Consultancy), Professional Societies (Institute of Engineers Malaysia Electrical Engineering Technical Division, Institute of Engineering and Technology, MNC CIGRE), Academia (Universiti Tenaga Nasional, Universiti Teknologi Malaysia, Universiti Teknologi Mara, Universiti Kebangsaan Malaysia) and Government Agencies (Malaysia Convention & Exhibition Bureau, Tourism Malaysia and the Ministry of Tourism and Culture) this congress was held from August 15-17, 2016 at the RHR Hotel, Putrajaya.

This International Congress covers technical events presented by Malaysian and International renowned speakers in various fields related to the power and energy domains. In addition, the participants had the first hand chance to observe and learn new technology research through visits to Tenaga Nasional Research Sdn Bhd and also experience the cultural diversity of Malaysia via cultural events and visits to the Malaysia's vibrant capital, Kuala Lumpur and administration centre, Putrajaya.

The activities during 2nd IEEE PES Student Congress 2016, Kuala Lumpur included:

1. Sharing session and technical talk by Frank Lambert, IEEE PES Vice President Chapters on IEEE PES operation and microgrid for Thoman community
2. Technical talk by Prof Ir Dr Mohd Zainal Abidin Kadir, Universiti Putra Malaysia on tropical lightning: feature, impact and some parameters of interests on engineering applications
3. Technical talk by Meliha Selak on power system protection schemes in smart grid with distributed generation
4. Technical talk by Prof Dr Azah Mohamed, Universiti Kebangsaan Malaysia on modelling and sizing optimization of photovoltaic
5. Technical talk by Dato' Ali Askar, SHER Engineering and Consultancy on success of the FIT mechanism to encourage RE and successor mechanisms to FIT
6. Sharing session by Danijel Topic, IEEE PES Students Chapters Coordinator on PES student branch operation
7. Sharing session by Ir Dr Matthew Teow, Chair IET Malaysia Network and Ir Yau Chau Fong, Chair IEM EETD on professional development
8. Sharing session by Dr Zuhaina Zakaria, Chair IEEE PES Malaysia Chapter on women empowerment in engineering

9. Sharing session by Muhammad Usman Munawar, UET Lahore on young Professional
10. Sharing session by winner of High Performance Student Branch Chapter Programme 2014 and 2015
11. Sharing session by Thiago Robeiro de Alencar on 2016 IEEE PES member-driven initiatives
12. Open discussion session with IEEE PES volunteer Frank Lambert, Danijel Topic and Meliha Selak
13. Technical visit to Tenaga Nasional Berhad Research, Malaysia
14. Gala Dinner and multicultural night
15. Sightseeing in Kuala Lumpur and Putrajaya

Zuhaina Zakaria, PhD, CEng MIET, SMIEEE
Chair IEEE Malaysia Section
Chair IEEE Power Energy Society (PES) Malaysia Chapter

Electrical Engineering Student Showcase 2016 (EESS2016)

The Faculty of Electrical Engineering, Universiti Teknologi Malaysia (UTM) IEEE Dielectrics and the Electrical Insulation Society (DEIS) Malaysia Chapter successfully organised the Electrical Engineering Student Showcase 2016 (EESS2016) on 24th May 2016 in UTM Skudai. EESS2016 was a final year student exhibition day in UTM, which provided a platform for students to showcase their research ideas in the faculty. It was also a day of recognition for the final year students in UTM for the relentless efforts for their projects.

The IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter has supported the event by sponsoring awards for three best final year projects in the field of high voltage engineering. The aim of the awards was to enhance motivation among undergraduate students in pursuing research in high voltage engineering field. The involvement of IEEE DEIS Malaysia Chapter in EESS2016 was also part of its membership development program to introduce the society to students and participants and attract them to the society.

The objectives of EESS2016 were to:

• Provide a platform for final year students to display their research projects through poster presentation and hardware demonstration
• Create awareness among students about the undergraduate and postgraduate research and development activities in the faculty.
• Promote industry involvement in the activities in institutions of higher learning and exchange valuable feedbacks that can enhance the learning.

- Inculcate the culture of entrepreneurship among the members of the technology by providing the exposure to the needs of industry and business and

- Expose publication culture among postgraduate students in the Faculty of Electrical Engineering by publishing the selected works in the Jurnal Teknologi.

The event, students provided valuable experience in presenting their work and interacting with the public. EESS2016 has fostered the mentoring relationship between students and their advisors. Students were also exposed to the reality of the workplace requirements with the involvement from industrial panels. It is hoped that this exhibition could inspire students who wish to pursue research experience to a higher level. More information can be found at: http://deis.ieeemy.org/blog/2016/07/01/electrical-engineering-student-showcase-2016-in-utm-skudai/

Open Day of HVER Lab, UTeM

The High Voltage Engineering Research Laboratory (HVER Lab), Universiti Teknikal Malaysia Melaka (UTeM) in collaboration with the IEEE DEIS Malaysia Chapter successfully organised the HVER Open Day on 10th and 26th May 2016. The program was mainly for the third year undergraduate students of Industrial Power Course at the Faculty of Electrical Engineering, UTeM. During the program, students were exposed with safety procedures and research activities in the HVER Lab.

The objectives of the program were to provide early exposure and sparking students' interest in the field of high voltage engineering before they undertake final year project in the following semester. To note, the high voltage engineering subject is only offered in the final semester of their study. Thus, this program is an initiative to assist them to see a wider view of potential field of project particularly related to high voltage. In addition, the program was also beneficial for their preparation before undergoing industrial attachment at any electrical power related companies in terms of basic knowledge associated with high voltage insulation. It is also promoting a higher prospect of furthering their studies to Master or PhD level. More information can be found at http://deis.ieeemy.org/blog/2016/07/12/10th-and-26th-may-2016-utem-high-voltage-engineering-research-lab-open-day/.

Student visiting HVER Lab on the Open Day

Dr Hazlee Azil Illias
Head, UM High Voltage Research Group (UMHVRG) and
UM High Voltage Lab (UMHVL, University of Malaya

Embedded System Project Competition - Internet of Things (IoT) for Humanitarian Challenge

Deployment of Internet of Things (IoT) for various vertical domains has become a common trend in many of the technological fields. Humanitarian and social impact seems to be the blue ocean for IoT with many problems yet to be solved. In this regard, IEEE Consumer Electronics Society Malaysia Chapter (CESoc Malaysia) organized a one day 2016 IEEE Embedded System Project Competition – Internet of Things (IoT) for Humanitarian Challenge on 26th May 2016.

The competition is an annual affair of the Chapter, targeted to discover new innovative ideas of IoT implementation for humanitarian tasks. This year, the competition took place in Faculty of Computer Science and Information Technology (FSKTM), Universiti Putra Malaysia. The competition was organized for the benefit of all the participants to develop a mini embedded system prototype based on Internet of Things functionalities. This competition is also part of CESoc Malaysia's initiative to encourage students to participate in the upcoming National IoT Project Competition that will take place in the middle of the 2017.

Project demonstration

During the competition, participating students demonstrated embedded system projects that highlight various IoT services meant for humanitarian challenge. Around 37 students and IEEE members participated in this competition. The panel judges for the competition were Dr Thinagaran Perumal, from Department of Computer Science, Mr T. Ramachandran, from Sunway University and Mr Jimmy Leong from Brain Bytes Sdn Bhd. A total of 6 projects were shortlisted for the competition and participating group were given 15 minutes for presentation and 10 minutes for Q&A. The first prize of the competition went to the winning team that demonstrated a project on garbage monitoring module for smart city environment. The second and third ranked projects were about water quality monitoring using IoT and smart parking bays in multi resident building using IoT. All these projects were carefully considered based on their humanitarian criteria and how they could impact the community at large.

The competition provided an excellent opportunity for students to listen to the experts and improve their skills. With efforts from IEEE CESoc Malaysia, UPM and the participants, the embedded system project competition was a great success and proved to be an ideal platform to cultivate interest in embedded system project development for humanitarian challenge. The competition received an excellent feedback from all the participants. CESoc Malaysia planned to organize more similar events in near future.

Thinagaran Perumal
Chair, IEEE Consumer Electronics Malaysia Chapter

Dr N. G. P. Institute of Technology Student Branch

AIKYAM 2016

Dr N. G. P. Institute of Technology conducted a symposium AIKAM 2016 - INDUSTUDENT CONFERENCE on "Nurturing Graduates for Industry Readiness & Employability Skills for The Future" on 3rd September 2016. The program commended with the welcome address by Dr K. Porkumaran, Principal of Dr N. G. P. Institute of Technology. Dr Nalla G. Palanisamy, Chairman and Managing Director, Kovai Medical Center & Hospital (KMCH) delivered the opening address. Dr Thavamani D Palanisamy, Secretary and Dr O. T. Bhuvaneswaran felicitated the program.

In the first session Mr John Edison, Senior Leadership Facilitator and Certified Coach Cognizant Technology Solutions, Coimbatore gave a talk "Ignite your self-confidence". He made the session very interactive and tried to boost the self-confidence of students. He gave many examples of well-known personalities with high self-confidence and made students understand its importance. He brought in the spirit that everyone is best.

Mr. N. Lakshminarasimhan, Senior Manager, Brakes India Limited, Chennai took up the next session on "Equip yourself for industry". Being an industrial expert he to informed about the basic expectations of the Industry and tried to prepare the students to face the industrial environment.

Mrs. S. Vijayalakshmi, Associate Vice President - HR, Pyoda Technologies Pvt. Ltd, Coimbatore gave her talk titled "Discover your Career". She made students realize the difference between a career and a job and pointed out few tactics for placements. She also shared her personal experiences to give students clarity towards their future.

Mr. R. Chandran, Chief Information Officer & Chief Delivery officer, Bhawan CyberTek, Chennai.

The afternoon session was engaged by Mr. Chandran on "Knowledge beyond the Textbook". He inspired the students to gain knowledge beyond the textbooks. He stressed that self-learning is more important for the improvement of one-self. He shared his personal experiences as a student and inspired the gathering.

Mr B. Somasundaram, Plant Engineering & Maintenance Manager at ZF Windpower, Coimbatore led the last session and spoke on "Green Sense with Business Sense". He provided awareness to students about the role of nature in the field of engineering. He enlightened the session by sharing all his experiences and knowledge with the audience.

The program came to an end with the vote of thanks by Dr S. Prabakar, Industry-Institute Partnership Cell (IIPC) Co-ordinator at Dr N. G. P. Institute of Technology.

Dr K. Porkumaran
IEEE Student Branch Counsellors, Dr. N. G. P. Institute of Technology, Coimbatore, India

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Upcoming IEEE Conferences in Region 10

2017 IEEE History of Electrotechnolgy Conference (HISTELCON) 07 – 08 August 2017
Location: Kobe, Japan
Abstract submission deadline: 31 January 2017
Full Paper Submission deadline: 24 March 2017
Final submission deadline: 24 March 2017
Notification of acceptance date: 10 Feb 2017
http://www.ieee-jp.org/section/kansai/histelcon2017

2017 IEEE Conference on Dependable and Secure Computing (DSC) 07 – 10 August 2017
Location: Taipei, Taiwan
Abstract submission deadline: 23 Jan 2017
Full Paper Submission deadline: 13 Feb 2017
Final submission deadline: 29 May 2017
Notification of acceptance date: 07 April 2017
dsc17.cs.nctu.edu.tw

2017 International conference on Smart grids, Power and Advanced Control Engineering (ICSPACE)
17 – 19 August 2017
Location: Bangalore, India
Full Paper Submission deadline: 15 March 2017
Final submission deadline: 20 May 2017
Notification of acceptance date: 05 May 2017
www.icspace-conference.org

2017 IEEE International Symposium on Radio-Frequency Integration Technology (RFIT) 30 Aug -01 Sep 2017
Location: Seoul, Korea (South)
Abstract submission deadline: 03 April 2017
Full Paper Submission deadline: 03 April 2017
Final submission deadline: 16 June 2017
Notification of acceptance date: 17 May 2017
http://www.rfit2017.org/

2017 IEEE International Conference on Signal and Image Processing Applications (ICSIPA) 12 – 14 September 2017
Location: Kuching, Malaysia
Abstract submission deadline: 15 March 2017
Full Paper Submission deadline: 15 March 2017
Final submission deadline: 15 July 2017
Notification of acceptance date: 15 May 2017
http://spsocmalaysia.org/icsipa2017/

2017 IEEE 3rd Information Technology and Mechatronics Engineering Conference (ITOEC) 03 – 05 Oct 2017
Location: Chongqing, China
Abstract submission deadline: 10 June 2017
Full Paper Submission deadline: 15 June 2017
Final submission deadline: 20July 2017
Notification of acceptance date: 10 July 2017
http://www.itoec.org/

2017 IEEE 5th International Symposium on Electromagnetic Compatibility (EMC-Beijing) 19 – 22 Oct 2017
Location: Beijing, China
Abstract submission deadline: 31 March 2017
Full Paper Submission deadline: 31 May 2017
Final submission deadline: 15 July 2017
Notification of acceptance date: 15 July 2017
http://www.emc2017.com/

2017 IEEE International Conference on Data Science and Advanced Analytics (DSAA) 19– 21 October 2017
Location: Tokyo, Japan
Full Paper Submission deadline: 25 May 2017
Final submission deadline: 15 August 2017
Notification of acceptance date: 25 July 2017
http://www.dslab.it.aoyama.ac.jp/dsaa2017/

2017 IEEE International Telecommunications Energy Conference (INTELEC) 22 – 26 October 2017
Location: Gold Coast, Queensland, Australia
Abstract submission deadline: 21 April 2017
Final submission deadline: 26 August 2016
Notification of acceptance date: 02 June 2017
http://www.intelec.org/

2017 IEEE 17th International Conference on Communication Technology (ICCT) 27 – 30 October 2017
Location: Chengdu, China
Abstract submission deadline: 01 June 2017
Full Paper Submission deadline: 05 July 2017
Final submission deadline: 05 July 2017
Notification of acceptance date: 25 July 2017
http://www.ieee-icct.org/index.html

IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society 29 Oct – 01 Nov 2017
Location: Beijing, China
Full Paper Submission deadline: 17 April2017
Final submission deadline: 15 August 2017
Notification of acceptance date: 03 July 2017
http://www.iecon2017.com/

2017 IEEE Information Theory Workshop (ITW)
06 – 10 Nov 2017
Location: Kaohsiung, Taiwan
Abstract submission deadline: 07 May 2017
Full Paper Submission deadline: 07 May 2017
Final submission deadline: 21 August 2017
Notification of acceptance date: 21 July 2017
http://www.itw2017.org/

2017 IEEE Asia Pacific Microwave Conference (APMC)
13 – 16 Nov 2017
Location: Kuala Lumpur, Malaysia
Full Paper Submission deadline: 20 May 2017
Final submission deadline: 19 August 2017
Notification of acceptance date: 21 July 2017
Contact: badrulhisham@utem.edu.my

2017 International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS) 24 – 26 Nov 2017
Location: Okinawa, Japan
Abstract submission deadline: 20May 2017
Full Paper Submission deadline: 30 June 2017
Final submission deadline: 10 September 2017
Notification of acceptance date: 25 August 2017
www.iciibms.org

2017 11th Asian Control Conference (ASCC) 17 – 20 Dec 2017
Location: Gold Coast, Australia
Full Paper Submission deadline: 10 July 2017
Final submission deadline: 01 October 2017
Notification of acceptance date: 22 September 2017
http://www.ascc2017.com/

2017 IEEE International Symposium on Nanoelectronic and Information Systems (iNIS) 18 – 20 December 2017
Location: Chandigarh, India
Full Paper Submission deadline: 06 July 2017
Final submission deadline: 05 October 2017
Notification of acceptance date: 14 September 2017
http://easychair.org/conferences/?conf=inis2017

2018 IEEE International Magnetic Conference (INTERMAG) 22 – 27 April 2018
Location: Singapore
Abstract submission deadline: 15 December 2017
Full Paper Submission deadline: 02 March 2018
Final submission deadline: 06 April 2018
Notification of acceptance date: 09 February 2018
Contact: SN Piramanayagam (prem@ntu.edu.sg)

ICASSP 2018 - 2018 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) 22 – 27 April 2018
Location: Seoul, Korea (South)
Full Paper Submission deadline: *No call for papers currently available*
Contact: Samantha Walter (walter.samantha@ieee.org)

2018 IEEE International Conference on Systems, Man, and Cybernetics (SMC) 07 – 10 October 2018
Location: Miyazaki, Japan
Full Paper Submission deadline: 31 March 2018
Final submission deadline: 20 July 2018
Notification of acceptance date: 01 June 2018
http://www.smc2018.org/

Do you know if there is something of historical importance in your Section that can be recognised as an IEEE Milestone?
For more information visit:
http://ethw.org/Milestones:IEEE_Milestones_Program

Please send your news items and articles to the R10 Newsletter Editor by email: r10-ecn@ieee.org

Please send photographs in JPEG format in separate files

The next and last issue of the R10 Newsletter for 2016 will be published in December. Please send your article by the deadline of **20 November 2016.**

THE IEEE REGION 10 NEWSLETTER EDITORIAL COMMITTEE (2016)
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