

IEEE R10 TODAY

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CONTENTS

1.	TECHNICAL ACTIVITIES	4
	Skywars	4
	PIEAS National Olympiad 2018 - PiON'18	4
2.	AWARDS AND RECOGNITIONS	5
	2018 EDS Final Year Project Award by IEEE EDS Malaysia Chapter	5
	2017 Hiroshima Section Contribution Award	5
3.	MEMBERSHIP DEVELOPMENT	6
	IEEE Attracts Industry Engineers	6
4.	CONFERENCES, CONGRESSES& SYMPOSIUMS	6
	Nucleus 2018 - Annual Technical Symposium	6
	IEEE SBLC Asia Pacific WG Symposium & Kick-off Meeting for IEEE Standard P2781	7
5.	STUDENT ACTIVITIES	8
	Process Hackathon	8
	Workshop on Nanotechnology	8
	IEEE PES Day'18 Celebrations	9
	IEEE Student Branch Annual Award Ceremony'2018	9
	Workshop on "Basic of Robotics using Arduino Microcontrollers"	9
	IEEE PES Day Celebration 2018	10
	PES Day 2018 celebrated by IEEE RUET Student Branch	10
	"IEEE PES DAY" celebrated by IEEE COMSATS ISLAMABAD	11
	FlyEEE 1.0 Drone Workshop	11
	Workshop on VACATION PROJECT MANIA (VPM 9.0)	11
	IEEE HKN Mu Kappa Update	12
	Uplifting the Underprivileged: Initiative For Providing Quality Education To The Needy Ones	13
	Student Trains Student (STS) Program	13
	Inter Department Ethics Competition	14
	High Voltage Research Talk	14
	IEEE PES DAY CELEBRATION	15
	Maze Solver (Challenge Your Intelligence)	15
6.	SECTION ACTIVITIES	16
	Seminar on Introduction to IEEE: World's Largest Professional Organization	16
	R-10 Director Visited IEEE Karachi Section	16
	Opening Ceremony of IEEE Guangzhou Section was held in South China University of Technology	17
7.	YOUNG PROFESSIONALS ACTIVITIES	17
	IEEE YP Karachi Section's Meetup with Dr. Zia, Chair, IEEE Australia Council	17
	Seminar on "Benefits of Joining IEEE Young Professionals"	18
	"How to Invest in the Share Market" –seminar by IEEE YP Sri Lanka	18
	Tokyo YP started "IEEE Tokyo YP Engineer's Salon"	19
8.	WOMEN IN ENGINEERING ACTIVITIES	20
	Workshop & Hands on Training on Microcontrollers	20
	IEEE WIE seminar on "Orientation of Women in Islam"	20
	Career Counseling Session	20
	IEEE R10 Newsletter	2

	Seminar on “Internet of Things”	21
	Seminar on “Feminism and Gender Equality”	21
	Seminar on “Women Empowerment” at University of Moratuwa	22
9.	HUMANITARIAN ACTIVITIES	22
	Labor's Day Celebration	22
10.	UPCOMING EVENTS	22
	2018 International Symposium on Recent Advances in Electrical Engineering	22
	STEP Session for Children of Today	23
	2018 IEEE CIS Summer School on Computational Intelligence for Human and Machine Co-learning	23
	IEEE-EMBS Conference on Biomedical Engineering and Sciences	24
11.	SPECIAL NEWS	24
	IEEE Indonesia Section 30th Anniversary	24
	ConnecTechAsia 2018, 26-28 June 2018, Singapore	27

1. TECHNICAL ACTIVITIES

Skywars

Sarmad Noor, Chairperson

IEEE Student Branch UET Taxila

IEEE Student Branch UET Taxila arranged a quad-copter competition, in which teams from different departments participated and competed. The competitors were required to complete the given path in shortest possible time. Afterwards, the teams were evaluated on the basis of time taken to complete the path, checkpoints gained, design, flight and communication with the drone.



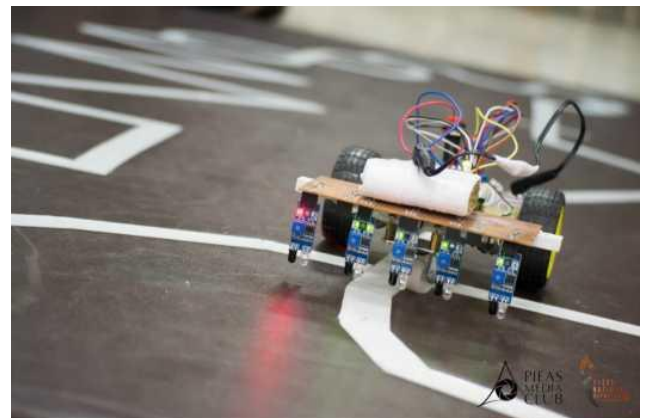
PIEAS National Olympiad 2018 - PiON'18

Zain Irfan, Vice-Chair

IEEE PIEAS Student Branch

PIEAS National Olympiad is one of the preeminent and widely avowed events organized by the able bodies of IEEE PIEAS SB. It is known for providing a golden scaffold to all those ingenious minds out there to express their interest, talent and intellectual in the fields of applied sciences and arts.

The event, embodying over fifty invigorating modules crammed with fun activities, was conducted on 6-8 April 2018. More than eight hundred IEEE and non-IEEE members wide across the nation participated in the inimitable and foremost event of the calendar to challenge their capabilities up to the new extent. Modules like Robot, Code-Frenzy, Gilder building, Bridge designing and Swift wiring were formulated to scrutinize the contrivance of theoretical knowledge into practical world. The IEEE PIEAS SB is known for delivering quality events ensuring that whenever participants walk through our doors, they leave learning something new.



2. AWARDS AND RECOGNITIONS

2018 EDS Final Year Project Award by IEEE EDS Malaysia Chapter

Aliza Aini Md Ralib

IEEE EDS Malaysia Chapter

IEEE EDS Malaysia Chapter has sponsored nine awards for 2018 Final Year Project (FYP) competition organized by several universities in Malaysia. The award is to encourage FYP projects related to area of VLSI, MEMS/NEMS etc and to acknowledge students working in these areas. All winners received a certificate and a plaque. Congratulations to all winners!



2017 Hiroshima Section Contribution Award

Akimitsu Kanzaki, Secretary

Hiroshima Section

Hiroshima Section constitutes the "Section Contribution Award," which is presented to the contributors for the section. In 2017, Prof. Masahito Hirakawa of Shimane University was awarded for his considerable contribution to Hiroshima Section. The presentation ceremony was held at Hiroshima Garden Palace on January 31, 2018. The diploma of merit and the prize medal were given to him by Prof. Isao Nakanishi of Tottori University, the chair of Hiroshima Section.



3. MEMBERSHIP DEVELOPMENT

IEEE Attracts Industry Engineers

Sudarshan Dahal

IEEE Queensland Section

IEEE Queensland section conducted an industry membership development seminar at Powerlink Queensland, which is a state owned electricity transmission utility in Australia. The seminar had two parts; the first part was to elaborate about IEEE, its membership and benefits. IEEE Queensland Section membership Development Chair Dr. Sudarshan Dahal explained how IEEE is spread worldwide and how the aspiring engineers could get benefit from IEEE membership. He also focused on how industries could get benefit by engaging with IEEE technical communities especially in developing appropriate technical standards and human capacity development. The second



part of the seminar was on Electrical Design Consideration of renewable energy connection into high voltage network. Experts from utilities Mr. David Pita and Mr Tian Yu Zhang presented how a connection requirement of renewables especially solar farms necessitates utilities to think outside the box of the usual design practice.

4. CONFERENCES, CONGRESSES & SYMPOSIUMS

Nucleus 2018 - Annual Technical Symposium

Jeet Dagha, Chair

IEEE Student Branch of Shah & Anchor Kutchhi Engineering College (SAKEC)

Nucleus is a 2 day Annual Technical Symposium of Shah & Anchor Kutchhi Engineering College (SAKEC), Mumbai conducted every year by IEEE Student Branch of SAKEC. Nucleus 2018 was conducted on 7th & 8th March, 2018. It consisted of various Intercollegiate as well as Intercollegiate events like Robo Soccer, L2 Grandprix, Cable Crane, Cam-o-bot, Confused Bot, Aqua Bot, Drone, Line Follower, Ringa Ringa, Technical Exposition, Mr. & Ms. Nucleus, LAN Gaming events, Code-a-Thon, LASER Tag, Minute To Win It, AR Treasure Hunt, Crime Scene Investigation, Engineering Marathon, Component Explosion, etc. There were various National Level events like Robo Wars, Robo Sumo and Technokagaz, Technical Paper Presentation Competition. Students from various states of India



participated in these events. Newsletter of IEEE SAKEC-2018 Edition was released in the inauguration ceremony of Nucleus by the dignitaries-Shri Keshavjibhai Chhadva, Shri Mansukhbhai Shah, Dr. Bhavesh Patel, Dr. V. C. Kotak & Prof. S.S Hegde.

IEEE SBLC Asia Pacific WG Symposium & Kick-off Meeting for IEEE Standard P2781

Jizhong Zhu, IEEE PES SBLC Loads Subcommittee Chair
SBLC Asia Pacific WG Chair

IEEE SBLC Asia Pacific WG Symposium & Kick-off Meeting for IEEE Standard P2781 were held at SEPRI, China Southern Power Grid (CSG) on May 25, 2018. This conference was organized by EPRI, CSG, and co-organized by Key Laboratory of Grid Secure and Economic Operation & Market Dispatch, GPGC (Guangdong Power Grid Power Dispatching Control Center) and IEEE Guangzhou Chapter. IEEE PES Loads Subcommittee Chair, SBLC Asia-Pacific WG Chair and IEEE P2781 Chair, Professor Jizhong Zhu moderated this meeting. About 40 experts from Asia-Pacific areas attended this workshop. IEEE Fellow, U.S. National



Academy of Engineering Member Dr. Jay Giri attended the conference and presented “Managing Uncertainties of the Future Power Grid”. IEEE Standard Association program manager Malia Zaman and Meng Zhao attended the meeting too. CSG SEPRI President Yonggang Zeng had Welcome Speech. Both IEEE SBLC Asia Pacific WG Symposium and Kick-off Meeting for IEEE Standard P2781 were very successful.

5. STUDENT ACTIVITIES

Process Hackathon

Asad Ullah Khalid, Chair
IEEE UoK SB

IEEE UoK Student Branch collaborated with IEEE IBA Student Branch to bring one of the most unique Hackathons, Process Hackathon 2018 with the theme of Agile Scrum Methodology. As the world of software development keeps growing, developers are gradually leaning toward the use of agile testing methods. The aims of the event were to let students know how work is carried out in a professional organization and how to deal with problems in their career, such as team work, time management, preferences and decision making. This Hackathon, scheduled from 27th to 29th March, included a total of 20 IEEE and 20 Non-IEEE students. The participants were organized into 8 teams. Suhaib Qaisar (Certified Agile Scrum Master, Salesforce Platform Developer) was the moderator for the entire Hackathon. Mir Salman, Dr. Farhan Ahmed and Dr. Muhammad Saeed were also among the judging panel. The event was sponsored by AX-Guru and Mantrust Systems.



Workshop on Nanotechnology

Mohsina Sultana, Newsletter Editor
IEEE Student Branch University of Dhaka

In the workshop, the participants were mainly taught the characterization of nanoparticle using XRD data. The speaker shed on light on to the basic of XRD experiments before moving on the main discussion. The participants got a chance to learn about software named ImageJ, Rietveld Refinement Fullprof and Vesta. It was a beneficial event for the students with material science background in their thesis and research work.

The workshop wrapped up a success with speaker being honored with a small token of gratitude from the faculties and the chairman of the department.



IEEE PES Day'18 Celebrations

Abdur Rafay, Chairperson
IEEE PES Chapter UET Taxila

IEEE PES Chapter UET Taxila arranged a celebration ceremony on the account of first ever celebrated IEEE PES Day'18. The ceremony consisted of an IEEE PES Introductory Seminar, a cake cutting ceremony and tech talks. Ambassador, IEEE Islamabad Section for IEEE PES Day'18 participated in the celebration. The participants were briefed about IEEE PES, its membership, benefits and IEEE PES Day.



IEEE Student Branch Annual Award Ceremony'2018

Sarmad Noor, Chairperson
IEEE Student Branch UET Taxila

IEEE Student Branch UET Taxila arranged a volunteer award ceremony to recognize and appreciate the year long volunteer services of the student members. The members applied for the awards. Applications were reviewed by the IEEE SB UET Taxila Executives, followed by the announcement of Best Student Volunteer Award, Best Student Volunteer Honorary Mention and Special Mention of IEEE SB, WIE AG, PES and CES Chapters respectively. The society congratulates the award winners and hope that they will continue to volunteer with even more passion and enthusiasm.



Workshop on “Basic of Robotics using Arduino Microcontrollers”

Rafid Azad, Publications Coordinator
IEEE AIUB Student Branch

12th April 2018, IEEE AIUB Student Branch along with IEEE AIUB Student Branch WIE Affinity Group in collaboration with Bangladesh Robotics Foundation organized a workshop titled Basic of Robotics using Arduino



Microcontrollers. The instructor for this workshop was Md Hafizul Imran, Head of Research and Development, RITE Solutions Limited; Founder and Chairperson, Bangladesh Robotics foundation. The workshop focused on providing the students with the basic ideas on the build of an obstacle detection robot, which would prove to be an asset when handling the build of a more advanced robot. A talk on the basic electronic components and their functions was conducted. Furthermore, the real-time working experience was provided to the participants. Emphasis was also put on career opportunities in the field of robotics. Students from different departments attended the workshop. The event also comprised of interactive question and answer session.

IEEE PES Day Celebration 2018

Afia Islam, Newsletter editor

IEEE WIE Affinity Group Student Branch, University of Dhaka

IEEE SB DU, IEEE WIE AG SB DU and IEEE WIE BDS celebrated the 1st IEEE PES DAY on 30th April, 2018 at the Institute of Energy, University of Dhaka. A presentation on PES DAY overview was presented by PES DAY Ambassador Tasnim Kamal. Mizanur R. Sarkar, Executive Engineer of Power Grid Company of Bangladesh gave a talk on "Career opportunities in Bangladesh Power Sector". The participants took a short quiz after that and winners of the contest were rewarded in recognition of their performance. The event ended with the celebratory cake cutting ceremony



PES Day 2018 celebrated by IEEE RUET Student Branch

Injamam Ul Haque, Treasurer

IEEE IAS Student Branch Chapter, RUET

On 21st April 2018, IEEE RUET Student Branch celebrated the global 'IEEE PES Day' with high festivity. It was a grand celebration with around 50 participants. The program began with a speech by the PES Day ambassador for the branch, Mim Naz Rahman. He, in his speech, described the theme of this year's PES Day. His speech was followed by another speech from Milton Kumar Kundu, former Chair of the branch, where he put light on the career choice for engineering students. Siratul Islam, the current Chair of the branch thanked all the participants and volunteers for their relentless works to make the day memorable. Soon after his speech cake cutting ceremony took place. A PES Day human chain was made with mobile flashlights in the campus with which the program came to an end. IEEE RUET Student Branch has achieved high praise for its gorgeous celebration.



“IEEE PES DAY” celebrated by IEEE COMSATS ISLAMABAD

Muhammad Waleed Bin Nasir, Vice Chairperson
IEEE COMSATS ISB

IEEE COMSATS ISLAMABAD BRANCH REGION 10 ,PAKISTAN presented series of technical talks during whole PES week topics included HYDC, Power Plant design, Cogeneration, Combined Cycle, Steam Turbine, Gas Turbine, Electrical Grid, Energy Storage, Smart Grid, Renewable energy, Hydroelectric power plant. It was a splendid week with lots of energetic PES Volunteers taking part. This week gave insight on different technical topics that proved to be very informative. In this week revolutionizing of energy and power was be celebrated.



FlyEEE 1.0 Drone Workshop

Nalin Ekanayake, Secretary
IEEE Student Branch University of Moratuwa, Sri Lanka Section

IEEE Student Branch University of Moratuwa, organized FlyEEE 1.0 for the first time with the aim of providing and enhancing the enthusiasm on modeling of drones, which is currently the most far gone technological invention. Entire session was focused on three areas, basic tips and tools, mathematical modeling and applications of drones. Moreover, it was an awareness session of the IEEE UoM student branch to magnetize the new members with pleasant attitudes towards the branch. The event contained two basic sessions, which were conducted on 23rd and 24th of May, 2018 from 5.00-7.30 p.m. at JG hall with a participation of over 120 students.



Workshop on VACATION PROJECT MANIA (VPM 9.0)

Priya Krishnamurthy, Student Coordinator
IEEE-SJCE, IEEE Bangalore Section

IEEE-SJCE, an active student branch under IEEE Bangalore Section, provides practical exposure to students in order to bridge the gap between academia and industry. Vacation Project Mania (VPM 9.0) is an event organized by the EDS community at IEEE-SJCE. VPM 9.0 was conducted from 7th June to 18th June 2018. The first phase of VPM 9.0 dealt with basic concepts related to analog electronics. These concepts were discussed with participants along with the basics of designing circuits in the theory sessions followed by circuit building and hands on activities. The participants were introduced to the usage as well as the coding aspects of microcontrollers. The sessions included tasks like blinking LEDs and usage of interrupts. On the last day of the workshop the participants actively took part in the Hackathon which promoted team work and time management.



IEEE USJP Student Branch- Newly Approved Student Branch

Dulan Dias, Interim Chair

IEEE University of Sri Jayewardenepura Student Branch, Sri Lanka Section

This year January was a month to celebrate for the undergraduates of University of Sri Jayewardenepura (USJP), as for officially receiving permission to form an IEEE Student Branch, which was a vital need in the university since IEEE enables Student Members to work together and support each other while learning and gaining experience in their fields of interest.

With the combination of the four faculties that will be highly benefiting with the initiation of an IEEE Student Branch (namely, Faculty of Applied Sciences, Faculty of Management Studies and Commerce, Faculty of Technology and Faculty of Engineering) and under the guidance of lecturers, they had received approval for the IEEE University of Sri Jayewardenepura Student Branch. The IEEE USJP SB is on a flourishing journey to reach its goals in creating a flock of young minds with a passion for innovation and to build up proficiency in technology.



IEEE HKN Mu Kappa Update



Ashley Gillman, Media Officer

University of Queensland IEEE HKN Chapter (Mu Kappa Chapter)

IEEE HKN Mu Kappa Chapter at the University of Queensland held an induction ceremony for their six newly elected members and their AGM on March 15 2018. After the induction ceremony, Chapter AGM was conducted, where the past office bearers presented their activity reports and an election was conducted by Mr. Lakshitha Naranpanawe as the election commissioner. Prof Tapan Saha and Dr Daniel Eghbal

spoke on the occasion. Both have agreed to strongly support the Chapter activities during 2018. Over the past year,

the Chapter has organized a number of events contributing to the community and promoting the ideals of IEEE and HKN. These have included Site visits, student tutoring sessions, and manning IEEE information booths. The Chapter is looking forward to a productive year, with more community, networking and social events planned.

Uplifting the Underprivileged: Initiative For Providing Quality Education To The Needy Ones

Lin Jian Wen, Chair

IEEE USM Student Branch, IEEE Malaysia Section

To inspire the younger generation to fall in love with science, USM IEEE SB has organized “Fundraising for Free Workshops”. Fundraising was being carried out in USM Engineering Campus and the result turned out well. Science and electronic workshops were being carried out at three different orphanages. For each workshop, all participants were given chance to carry out hands on science experiments, like Anti-Gravity Water, Color-Changing Milk, Density Tower and the list goes on. Participants were required to brainstorm about the science concept behind each experiment. The organizers were swarmed by tons of creative answers. All three workshops ended with the amazing Fire-On Hand demonstration to keep them awe-inspired.



Student Trains Student (STS) Program

Muhammad Ammar

Chairperson, IEEE Computer Society Chapter, COMSATS WAH SB

IEEE Computer Society COMSATS Wah initiated its long awaited program named as Student Trains Students Program in which skilled individuals delivered their knowledge and experience to other students of the institute. The aim of this program is to increase the skills of students so that they can capitalize their skills as a source of income. So under this program a chain of workshops were arranged on Graphic Designing and Word press Web Development on the 18th



March and 3rd April 2018 in which speakers shared different concepts related to these fields. Hands on training was provided by the speakers from beginner level to the advanced level. Nearly 25 IEEE Student Members participated in these workshops.

Inter Department Ethics Competition

Muhammad Nauman Khan

Chairperson, IEEE COMSATS WAH STUDENT BRACH

IEEE COMSATS Wah Student Branch organized Inter-department Ethics Competition on 27th April 2018. The aim of this competition was to check the analysis and presentation skills of the students. In this competition teams were given a case study, in which they have to check which rules of IEEE code of ethics have been violated. They have to analyze the given case study and then teams prepared their presentations within 45 minutes. During the presentations, the teams answered all the questions which were asked in the case study. Judges which included Mr. Zubair Khaliq, Mr. Adnan Mughal and Mr. Talha Hassan judged the presentations



on the basis of content, their analysis and the presentations skills. They highly appreciated the performance of all teams and also mentioned the mistakes of teams during the event. Nearly 15 teams participated in the competition.

High Voltage Research Talk

Hazlee Illias

Secretary, DEIS Malaysia Chapter

The IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter successfully organized a High Voltage Research Talk on 24 April 2018 at Faculty of Electrical Engineering, Universiti Teknologi Malaysia (UTM), Johor Bahru, Malaysia. Around 150 undergraduate students of UTM undertaking the High Voltage Technology and Final Year Project courses attended the talk delivered by Prof. Dr. Zulkurnain Abdul Malek, the Director of the Institute of High Voltage and High Current (IVAT). Various interesting research topics and findings on high voltage engineering, including lightning phenomena and dielectric materials, were delivered by Prof. Dr. Zulkurnain during the talk. Prof. Dr. Zulkurnain also shared with the students the high voltage research activities carried out at IVAT and potential research areas that can be ventured for research purposes. Through the seminar, undergraduate students are aware of the latest research and networking relevant to high voltage engineering apart from obtaining their knowledge through classroom lectures.



IEEE PES DAY CELEBRATION

MUHAMMAD SAEED UL HASSAN RAZA

Promotions Officer, IEEE YP ISLAMABAD SECTION

IEEE SB Hitec University in Collaboration with IEEE Young Professional Islamabad Section celebrated IEEE PES DAY on Sunday |22nd April 2018|9:00-4:00 at Hitec University, Taxila, Pakistan. Which included two detailed technical Sessions, 1st session was on IEEE ELITE PES Training by M.Saeed Ul Hassan Raza and 2nd session on Virtual Reality and its importance by Dr. Awais from Virtual Reality Research Center, UET Taxila, Pakistan. Both sessions were quite interesting, knowledgeable and future scope oriented. As per theme of PES DAY, each session depicted the targets of adding more power to the future in their own possible ways as per their own future domains. Students from both IEEE Islamabad Section and IEEE Peshawar Subsection were also invited to bridge the gaps between them. After that PES Cake Cutting Ceremony was performed and high tea was served. It was indeed a great experience and celebration full of enjoyment, networking, learning and get together.



Maze Solver (Challenge Your Intelligence)

Raunak Gupta

Branch Counselor and Chapter Adviser (RAS), IEEE SB at Quantum School of Technology

RAS Chapter of IEEE Student Branch at Quantum School of Technology, Roorkee organized Maze Solver (Challenge Your Intelligence) on 20th April 2018. There were total 16 teams participating in the event. Every team used their skills in the field of Artificial Intelligence with the help of programming, concepts of mechanics, devices and circuits so that their bot can work efficiently and cross the maze in shortest possible time. The event was judged by Mr. Guru Prabhat (Coordinator, Department of Electrical and Electronics Engineering) and Dr. N. M. Kannan (Coordinator, Department of Agriculture Studies). The winner of the event was Mr. Koustav Banerjee and Team. The runner up of the event was Mr. Nishant Lodhi and Team. Mrs. Jaspreet



Srivastava (Adviser, W.I.E Affinity Group, IEEE Student Branch) and Mr. Raunak Gupta (Branch Counselor, IEEE Student Branch) congratulated the participants and IEEE members for making the event a grand success.

6. SECTION ACTIVITIES

Seminar on Introduction to IEEE: World's Largest Professional Organization

Afia Islam, Newsletter editor

IEEE WIE Affinity Group Student Branch, University of Dhaka

IEEE Bangladesh Section, supported by IEEE Student Branch DU and IEEE WIE AG SB DU organized a seminar on introduction to IEEE on 4th April, 2018 at Department of Electrical and Electronic Engineering, University of Dhaka. The seminar focused on discussing membership benefits, values and services of IEEE. Dr. Celia Shahnaz (Chair, IEEE Bangladesh Section) gave an inspiring talk on the benefits of joining IEEE. Several members of IEEE Bangladesh Section interacted with the participants and gave them an overall picture of working as an IEEE volunteer. Dr. Md. Atiqur Rahman Ahad, Mentor of IEEE SB DU and Md. Zahidul Islam Raju, Branch Counselor of IEEE SB DU concluded the event by giving tokens of appreciation to our honorable guests.



R-10 Director Visited IEEE Karachi Section

Tariq Soomro

Section Secretary, IEEE Karachi Section

This year, IEEE Karachi Section had the privilege to host the current Director for Region-10 (Asia Pacific), Prof. Dr. Kukjin Chun. IEEE Karachi Section decided to host a welcome event along with its Award Ceremony to most contributing volunteers considering the presence of Director Prof. Kukjin. The event was hosted on 7th March, 2018 at Beach Luxury Hotel, Karachi.

The event began with introductions of all ExCom members by Section Chair Dr. Shahid Shaikh followed by meeting agenda. Later, Prof. Kukjin presented the audience with facts and figures for all Region 10 and more specifically, where Pakistan stands within it. The presentation was followed by Q/A sessions. Prof. M. Shahab Siddiqui, Section vice Chair, Prof. Tariq Rahim Soomro, Section Secretary and Engr. Parkash Lohana, Past Chair also shared their views. The guests were served with a Dinner afterwards, where audience varied and included from academia, industry and community.



Opening Ceremony of IEEE Guangzhou Section was held in South China University of Technology

Lan Wang

Project Manager, IEEE China office

On the morning of the 30th, the Inauguration Ceremony of the IEEE Guangzhou Section was held at the School of Computer Science and Engineering, South China University of Technology. Zhu Min, Vice President of South China University of Technology, James Jefferies, IEEE President 2018, Howard Michel, IEEE President 2015, Kukjin Chun, Director of the IEEE Region 10, Chair of IEEE China Council, Vice Chair of IEEE Xian Section, Chair of IEEE Macau Section, Vice Chair of IEEE Guangzhou Section attended the ceremony and delivered speech. Professors and researchers from multiple universities



and representatives from several organizations such as Tencent and Guangzhou Institute of Standardization and students from South China University of Technology witnessed the establishment of the Guangzhou Section.

7. YOUNG PROFESSIONALS ACTIVITIES

IEEE YP Karachi Section's Meetup with Dr. Zia, Chair, IEEE Australia Council

Sana Sohail, YP Newsletter Coordinator

Young Professional Karachi Section

IEEE YP Karachi Section organized its first formal meetup with Dr. Zia Ahmed, Chairman, IEEE Australian Council, who was invited as the Guest of Honour. Mr. Omeal Ahmed G.M, K. Electric and M. Nabeel, CEO Edvon were invited as Industrial Representatives to discuss about the possible futuristic collaborations and perks of IEEE professional membership. Dr Zia Ahmed addressed on the importance of IEEE for YP and industries. The wide ranging discussion addressed important issues facing by students and fresh graduates, how the IEEE community can support members to overcome the potential challenges. He spoke about how YP platform would be effective to bridge the gap between industry and academia needs. Young Professionals today confront numerous difficulties in their early career which incorporate adjusting a social existence with professional career, understanding the organization culture and building up a career pathway and how one can maintain work-life balance.



Seminar on “Benefits of Joining IEEE Young Professionals”

Rafid Azad, Publications Coordinator

IEEE AIUB Student Branch

On 3rd April 2018, IEEE AIUB Student Branch successfully organized a seminar on Benefits of Joining IEEE Young Professionals. The seminar focused on what IEEE has to offer its members after graduation and how it can prove to be a stepping stone towards success. The speakers of the seminar were



ARM Abdullah Rocky, Chairperson, IEEE Young Professionals, Bangladesh Section and Kartik Misra, Former Chairperson, IEEE Young Professionals, Delhi Section. A basic talk was conducted on the benefits of Young Professionals, followed by a discussion on professional career. Students from different departments, consisting of mostly fourth-year undergrad students attended the session. The event also comprised of interactive question and answer session.

“How to Invest in the Share Market” –seminar by IEEE YP Sri Lanka

Saumya Kumarihamy

Secretary, IEEE Young Professionals Sri Lanka

LETs Talk was a project initiated in 2017 by IEEE Young Professionals Sri Lanka with the aim of enhancing the knowledge by organizing a series of technical and non-technical talks.

As a result “How to invest in the share market”, episode two of LETs Talk was organized on the 27th of March 2018, at the Colombo



Stock Exchange Auditorium. More than 50 young professionals representing almost all engineering disciplines attended it. The program was a two hour event with two sessions conducted by Miss. Imesha Fernando, Senior Executive-Investor Education of Colombo Stock Exchange, Sri Lanka and Guardian Acuity Asset Management Limited, a leading Stock Broking Company. The program covered areas including difference between investments/ savings, Pricing Mechanisms, Types of Securities and other important facts.

Tokyo YP started “IEEE Tokyo YP Engineer’s Salon”

Mayumi Suzuki

Tokyo Young Professional Chair

Tokyo YP started new salon which treated about science, engineering, culture and more in last 18th May. The purpose of this salon is to expand their field of interest and extend their horizons. They have different technical field, interest, and have been cultivating skills separately. Additionally they would like to develop relation to professionals in several fields not only limited to engineering through this salon.

At the first time of this salon, they had talks about “Data Analysis in Medical Field”, “Bayesian Network”, “Parallel Processing and GPGPU”, “Image Processing Using Deep Learning” and “Rakugo” which is Japanese traditional culture.

The salon members enjoyed knowing something new knowledge and communicated each other.



8. WOMEN IN ENGINEERING ACTIVITIES

Workshop & Hands on Training on Microcontrollers

Afia Islam, Newsletter editor

IEEE WIE Affinity Group Student Branch, University of Dhaka

"Workshop and Hands-on training on Micro-controllers" on 28th April, 2018 at Department of Electrical and Electronic Engineering, University of Dhaka was organized by IEEE WIE AG SB DU along with IEEE SB DU and IEEE Computer Society SB chapter DU. The workshop was instructed by Shuvangkar Chandra Das, Project Engineer, ICT, BUET. He is also the Founder of EETechBD and Hardware Intelligence Engineer at Celltron EMS. He gave the participants a basic idea on embedded system design and robotics using microcontrollers for practical use. A total of 12 groups with 43 participants participated in the workshop. The event was concluded by IEEE SB DU Chair, Kanij Mehtanin Khabir by presenting the instructor with a token of appreciation.



IEEE WIE seminar on "Orientation of Women in Islam"

Misbah Hassan, Chairperson

IEEE WIE AG UET Taxila

IEEE WIE AG UET Taxila in collaboration with An-Nisa, UET Taxila arranged a seminar on "Orientation of Women in Islam". The seminar was conducted by Miss Humaira Jabeen, coordinator of Al-Noor International Welfare Foundation, Taxila Campus. The aim of the organization is to enlighten people with the knowledge of the Qur'an and Sunnah of the Prophet (S.A.W), while serving the people through diverse social welfare programs. Miss Humaira Jabeen has been engaged with study of Quran, teaching and dawah work. She has been conducting Dora Quran for ten years. The respected guest speaker delivered a lecture on the character building of the Muslim Youth and orientation of woman in the light of Quran and Sunnah.



Career Counseling Session

Tooba Maryam, Head Publications

WIE PIEAS Affinity Group

Most students feel stranded while deciding the direction of their future and ended up in the fields that don't coincide with their interests. WIE PIEAS AG, knowing the significance of Career Counseling Sessions, helped the students of high school decide their specific disciplines of study. It provides the students a confidential support and advice to set their career goals and determines a course of action to achieve them. WIE PIEAS AG arranged a session with Grade 10 students of Siddeeq Public School Islamabad on 28th February, 2018. The AG interacted with the students to



know their potential, their strengths and their interests. They introduced the students to the emerging trends of arts and technology, major universities in Pakistan and different types of scholarships. Their effort was highly appreciated by both the teachers and the students.

Seminar on “Internet of Things”

IZMA NAVEED

General Secretary, WIE, COMSATS Inst of Information Tech-Islamabad

The importance of technology in our daily lives is undeniable. Internet of Things is the future of technology that is aiming to make our lives easier. It’s only been in the past several years that we’ve seen the true potential of IoT. The concept evolved as wireless internet and gradually people began understanding that technology could be a personal tool as well as a professional one, such as for smart homes. IEEE WIE Comsats University student branch arranged a one-day IoT seminar. The team WIE looked to inspire and educate students on the importance of IoT. They told students how IoT can be implemented in everyday life. Students showed a lot of interest and enthusiasm. The impact that the IoT has had on the world has been significant – and it’s only getting started.



Seminar on “Feminism and Gender Equality”

Kanwal Sultan

Member, WIE, COMSATS Inst of Information Tech-Islamabad

IEEE Women in Engineering COMSATS Islamabad organized a one-day event on “feminism and gender equality”. As one of the most widely discussed topics today, gender equality faces the threat of becoming misunderstood and is prone to attack from certain myths being perpetrated about it. Thus, to provide the youth an opportunity to educate themselves on feminism, to distinguish it from man-hating and to grasp the importance of a world with gender equality. The interactive seminar provided a platform for learning, discussion, and the opportunity to have one’s burning questions answered by leading academics in the field. The success of the seminar can be judged by audience feedback, which by the end was unanimous about the importance of gender equality.



Seminar on “Women Empowerment” at University of Moratuwa

Navodini Wijethilake

Co-organizing Director, University of Moratuwa (UOM) - Student Branch

UOM WIE is empowered with many young women who are capable of driving the future engineering world to a new direction. As a WIE SB AG we are proud to say that we could do a successful awareness session with many enthusiastic future female engineers on the 14th June, 2018 at ENTC1. It was an amazing session we had with impressive designing games and more fulfilled activities followed by inspiring speeches of Dr. Rasara Samarasinghe, Vice Chair of IEEE WIE Sri Lanka Section, Ms. Salgado, English Consultant of department of Electronic and Telecommunication, Nuwini Dulanga, Sectional Student Representative of IEEE Sri Lanka Section, Sanduni Premarathna and Kavindie Katuwandeniya, past Secretary and present Chair of IEEE WIE SB AG of UoM, respectively. Not only that, many volunteers were found on that day, who are willing to take our Affinity branch to its next level.



9. HUMANITARIAN ACTIVITIES

Labor's Day Celebration

Muhammad Qasim Zafar, Head Documentation

IEEE PIEAS Student Branch

May Day is the day to salute the hard work and dedication of the strong willed souls around us. As summer winds down, Labors deserve a day of rest and acknowledgment. So on this International Workers’ Day, IEEE PIEAS SB made efforts to do Justice for Labors and performed the tasks of Labors who work on Labors Day and gave them rest by doing one shift of Mess workers’ job in PIEAS Hostels on the Labors Day. This was a token of appreciation for those who don't ask for appreciation. There is no hall of fame for the working class hero, no statue carved out of stone. This was a tribute to proletariat.



10. UPCOMING EVENTS

2018 International Symposium on Recent Advances in Electrical Engineering

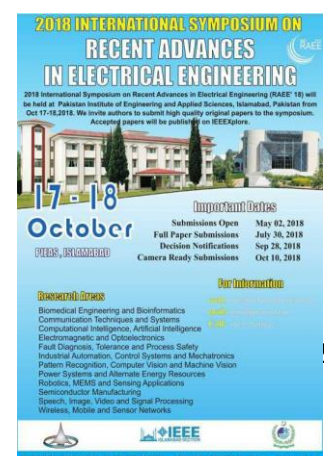
Abdul Wahab Nasir, Head Internal Affairs

IEEE PIEAS Student Branch

2018 International Symposium on Recent Advances in Electrical Engineering (RAEE) will be held at PIEAS, Islamabad, Pakistan from October 18-19, 2018, under the umbrella of IEEE Islamabad Section. It will attract leading researchers from academia and practitioners from industry in Pakistan and abroad to share their innovative ideas, experiences, and cutting edge research. We invite authors to submit high quality original papers in the following two categories:

Technical Papers: Papers that discuss the technical solutions to significant research problems. The paper should provide a clear motivation for solving the problem being

IEEE R10 Newsletter



addressed, the relevant literature review, and the proposed scientific solution. Any study conducted for evaluation must be rigorous, reproducible, and clearly communicated.

Industry Experience/Application Papers: Papers from industry practitioners describing experiences of applying various methods, tools, or techniques in any of the conference areas.

STEP Session for Children of Today

Obaidullah Manzar, Head Documentation
IEEE PIEAS Student Branch

STEP (Science, Technology, Education and Peace) session was conducted by IEEE PIEAS SB and WIE AG at PAEC Model School, with the objective of raising awareness and building up the students for their future line of work. This session enlightened the students with the upcoming programs like STEM, where they can practice out technical as well as non-technical tasks, irrespective to their daily hectic routine work. The session was designed to bring out the creativity within children and give them an open platform to express their talents without having the fear of failure.



2018 IEEE CIS Summer School on Computational Intelligence for Human and Machine Co-learning

Po-Hsun Cheng
Member, Information Education Center,
National Kaohsiung Normal University,
Taiwan

The promise of Computational Intelligence (CI) area in spurring technological innovation in cybernetics systems has generated growing interest among students and professionals. With focuses on human and machine co-learning, IEEE and Information Education Center of National Kaohsiung Normal University, Taiwan will jointly organize 2018 IEEE CIS Summer School on Computational Intelligence for Human and Machine Co-learning. This IEEE CIS Summer School offers opportunities for students from senior high schools, undergraduate colleges, graduate schools, and even post-graduate to learn about fundamental and advanced aspects of human and machine co-learning from intellectual leaders of the field.



The 2018 IEEE CIS Summer School on Computational Intelligence for Human and Machine Co-learning will be held at National Kaohsiung Normal University, Kaohsiung, Taiwan, from August 21 to 24, 2018 [<https://iee-cis-summer-school-2018.nknu.edu.tw/index.php>]

IEEE-EMBS Conference on Biomedical Engineering and Sciences

Siti Anom Ahmad

Vice Chair, IEEE EMBS Malaysia Chapter

IEEE Engineering in Medicine & Biology Society (EMBS) Malaysia Chapter is pleased to announce the 5th installation of our flagship conference, IEEE-EMBS Conference on Biomedical Engineering and Sciences (IECBES 2018). The theme of the meeting is “Innovations in Global Healthcare”. The conference will be held in the very heart of Sarawak – Kuching, from December 3-6, 2018. We look forward to meeting you in Kuching, Sarawak – the city of great history and legends. Come and experience IECBES 2018 and be a part of our heritage.



11. SPECIAL NEWS

IEEE Indonesia Section 30th Anniversary

Nia Kurnianingsih

IEEE Indonesia Section

The IEEE Indonesia Section Gathering was held on Saturday, the 17th of March 2018. The event was not only a member gathering but also a celebration for the 30th anniversary of IEEE Indonesia Section. There were 108 people who attended the event which consists of 80 IEEE members and 28 non-members. The event took place in Apung Room, Universitas Indonesia (UI) Central Library. The one day event consists of member gathering and networking, SMART CITY panel discussion, awards and recognition, game show and Indonesia Section electioneering.

The speeches in the opening ceremony were from the General Chair of IEEE Indonesia Section, Prof. Dr. Fitri Yuli Zulkifli, S.T., M.Sc., IPM, SMIEEE; Vice Dean for Academic affairs from Faculty of Engineering UI, Dr. Ir. Muhamad Asvial, M.Eng.; and the Advisory Committee Chair of IEEE Indonesia Section Satriyo Dharmanto.

The first event was a Panel Discussion with five speakers. They were Dr. Chairul Hudaya from Universitas Indonesia, Mr. Aryo Pamoragung from the Indonesian Ministry of Communication and Information (Kominfo), Mr. Rahmadi Mulyohartono from PT XL Axiata Tbk, Mr. Wahyu Haris Kusuma Atmaja from PT ICON+, and Mr. Wahyudi from PT Telkom. The topic of the Panel Discussion was “**Smart City**” which was discussed through various aspects. The energy aspect was discussed by Dr. Chairul Hudaya; the ecosystem was discussed by Mr. Aryo Pamoragung; the network and connectivity aspect were discussed by Mr. Rahmadi Mulyohartono; the support of ICON+ for Smart

Cities was discussed by Mr. Wahyu Haris Kusuma Atmaja; and Mr Wahyudi discussed how Smart City can be used to enlighten Indonesia as a whole. The panel discussion was led by Dr. M. Ary Murti as the moderator.



Panelists and moderator of “Smart City” Panel Discussion

The second event was the 30th anniversary celebration of IEEE Indonesia Section. The celebration was led by Dr. Arifin Nugroho as he made a speech and led the prayer for a better IEEE Indonesia Section. Cheers, music, and laughter filled the room as the visitors celebrated the 30th Anniversary of IEEE Indonesia Section.



Moments of the celebration



The next agenda after the break was a speech about IEEE Indonesia Section given by Prof. Dr. Fitri Yuli Zulkifli, S.T., M.Sc., IPM, SMIEEE who is also the General Chair of IEEE Indonesia Section. Afterwards, the awarding ceremony began. The first award that was announced was for Distinguish Lecturer Program, the awardees were Prof. Andriyan Bayu Suksmono MT, Ph.D., SMIEEE with the topic of Compressive Sampling and Prof. Dr. Ir. Teddy Mantoro, M.Sc, SMIEEE with the topic of File Compression to Support IoT in Industry 4.0. Next, the awards for each chapter were IEEE R10 Newsletter

announced based on their performances in year 2017. The chapter with the most members was awarded to the Computer Society Chapter led by Dr. Suryadiputra Watimena from Bina Nusantara University. The award for the chapter with the most technical activities was given to the Joint chapter Microwave Theory and Techniques/Antennas and Propagation Society Chapter led by Prof. Dr. Mudrik Alaydrus from Mercu Buana University; and for the most activity reports via vtools was awarded to the Communications Society Chapter led by Dr. Rina Pudjiastuti from Telkom University.

The next agenda was a presentation about Region 10 SYWL (Student/Young Professional/Women in Engineering/Life Member) Congress 2018 carried out by Mrs. Kurnianingsih. The presentation was filled with details about the upcoming event that will be held in Bali, Indonesia. Following Mrs. Kurnianingsih's presentation, chapter chairs and affinity groups were asked to present and promote their chapters. Women in Engineering AG was represented by Prof. Dr. Ir. Riri Fitri Sari, M.Sc., MM. She highlighted about the importance of women in engineering and how to make sure women are more active in this field.

More awards and recognition followed, this time three categories of awards were announced. The first award was for the Life Senior Member who gave their dedication for IEEE Indonesia Section until today. The awardees were Ir. Arnold Ph. Djiwatampu, IPM, LSM, Dr. Ir. Arifin Nugroho, Prof. Dr. Ir. Soegijardjo Soegijoko, and Dr. Ir. Lukas Siswanto Tanutama, M.M.



The Life Senior Member Awardee, Prof Soegijardjo Soegijoko and Dr. Lukas Siswanto Tanutama were not able to make it so they were represented by Mr. Andrian and Mr Suryadi

The second award was for outstanding IEEE scientific Publication Award which was given to Mr. Filbert Hilman Juwono, S.T., M.T.. He had three papers published in IEEE journals. The last award was the life time dedication award, given to four people. They were past Indonesia Section Chairs and until today they stay very active with IEEE Indonesia Section activities. They were Ir. Arnold Ph. Djiwatampu, IPM, LSM, Dr. Ir. Arifin Nugroho, LSM, Prof. Dr. Ir. Dadang Gunawan, M.Eng., SMIEEE, and Ir. Wahidin Wahab, M.Sc., Ph.D., SMIEEE. During the ceremonies the awardees shared their gratitude and experiences of being in IEEE with the audience.



Mr. Filbert Hilman J. receiving his award for Outstanding IEEE Scientific Publication



The lifetime dedication to IEEE Indonesia awardees with Mr. Satriyo Dharmanto (left) and Prof Fitri Yuli Z. (right). Prof. Dadang Gunawan did not make it though so he was represented by Ms. Anna.

The last award announcement was for student. The first award was for “The Best Member get Member in the world, May 2017” which was awarded to Fatimah Sirin from IEEE SBUI. Next award was for Selected Student Delegation which was awarded to Michelle Christine from IEEE SB Telkom University and Muhammad Aditya Ramelan from IEEE SB ITB. Last but not least was the award for winning fourth place in the IEEEXtreme which was rewarded to IEEE SB ITB.



The student awardees, Fatimah Sirin was not able to make it so she was represented by Fathimah Rahimullah. The IEEEXtreme team also did not make it so they were represented by Dennis Lesmana.

Finally, there was a session to discuss about the next General Chair for IEEE Indonesia Section 2018. The discussion was moderated by Mr. Satriyo Dharmanto and the members came to a conclusion that Prof. Dr. Fitri Yuli Zulkifli, S.T., M.Sc., IPM will still be the General Chair until 2018. The event ended at around 5 p.m. with a closing prayer led by Dr. Arifin Nugroho.

ConnecTechAsia 2018, 26-28 June 2018, Singapore

Ewell Tan, Project Manager
IEEE Asia-Pacific Limited

In collaboration with IEEE Communications Society, Singapore office staff helped at the exhibition booth at ConneCTechAsia 2018 (previously known as CommnucAsia), which is the region’s latest mega technology event, combining the strengths of industry stalwarts CommunicAsia, BroadcastAsia and newly launched NXTAsia. This event was held at Marina Bay Sands and Suntec Singapore on 26-28 June 2018, with approximately 40,000 professionals participated and over 200 thought leaders speaking at the ConneCTechAsia Summit. With the theme “Digital Business Transformation”, this summit connects solution-based applications and technologies with real-life used cases presented at various sessions.

An opening speech by the Singapore Minister for Communications and Information, Mr. S. Iswaran highlighted the competitiveness of Southeast Asia as one of the fastest-growing regions in the world, with an average annual growth rate of 6% higher than the global average of 4% over the last decade. More significantly, ASEAN’s digital economy has the potential to contribute an additional US\$ 1 trillion to the regional GDP by 2025. Thus, the ConneCTechAsia provides a platform for companies that wish to adapt and transform themselves to take advantage of the ASEAN digital economy an ideal place to embark their journey.

IEEE Communications Society represents one of the 1798 exhibitors from more than 60 countries in this mega show. This show is the only Asia’s B2B platform that covers entire spectrum of communication, broadcast, and enterprise technology and services catering to the needs of industry in Asia and beyond.

Singapore office staff is proud to promote IEEE membership, products and services to the global leaders, decision makers, industry practitioners and influencers across the ecosystem in this show. As technology is changing the world around us rapidly, IEEE is playing a vital role to be trusted source for engineering, computing and technology information, and to create an environment where all the players can collaborate in this world-changing technology.



At the IEEE Exhibit Booth(from Left to Right) Singapore office staff: Richard Chandra, Leo Hwa Chiang, Ewell Tan and Nitcer Chong.

Ira Tan (in red suit) and Ewell Tan shared with visitors about IEEE at the exhibit booth



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