



# IEEE BANGLADESH SECTION NEWSLETTER

ISSUE 2



2018 MGA Outstanding  
Large Section Award



2018 Outstanding Section Membership  
Recruitment and Retention Performance  
Bangladesh Section



2018 Outstanding Section Membership  
Retention Performance  
Bangladesh Section

## MESSAGES



### **Dr. Celia Shahnaz**

*Chair, IEEE Bangladesh Section  
Professor, Department of EEE, BUET*

As the Chair of IEEE Bangladesh Section, it's incredible to know and witness IEEE Bangladesh Section publishing the second of the year 2018 newsletter. Since its formation in 1993, IEEE Bangladesh Sections has been flourishing tremendously. There are currently 38 Student Branches and 9 Societies and Chapters under the section. The second issue showcases the events brought to life by the members of the IEEE Bangladesh Section and also the awards achieved by the section and the student branches to encourage new faces to work harder. The section always opts for organizing and has organized technical and professional events and workshops that would prove to be beneficial to the student members to excel in their personal, professional or work life and also help them to know about the advancements in field of engineering and technology. I would like to acknowledge the hard work of every member of the section and the editorial team especially on publishing the second issue of the newsletter. I take great pride in having such diligent student volunteers. I would like to congratulate IEEE Bangladesh Section on their success and would like to urge them to keep working for the community and making technology widespread among the common mass.



### **Dr Farseem Mannan Mohammedy** *Editor*

*Professor, Department of EEE, BUET*

When I am speaking about IEEE Bangladesh Section, I am not only speaking of an organization encompassing 7 Chapters and 38 Student Branches but also the perseverance, diligence and incessant activities of the executive committee members and volunteers of Chapters, Affinity Groups and Student Branches. In addition to being one of the largest IEEE based community, IEEE Bangladesh Section is a well-known bastion for aspiring and leveraging technology towards humanity. I am captivated to learn that IEEE Bangladesh Section has effectively made myriads of social and non-technical contributions.

Being the Editor of IEEE Bangladesh Section Newsletter, it gives me immense pleasure to be a part of this wonderful journey. In this issue we have tried to showcase all the exciting things happening. Thanksto all those wonderful people who have made this possible and especially my hardworking volunteers.



## EDITORIAL BOARD



**Advisor:**

Dr Celia Shahnaz  
Professor, Department of EEE, BUET  
Chair, IEEE Bangladesh Section



**Editor:**

Dr Farseem Mannan Mohammedy  
Professor, Department of EEE, BUET  
Newsletter Editor, IEEE Bangladesh Section



**Associate Editor:**

Mohammad Mahinur Rahman  
IEEE BUET Student Branch

## EDITORIAL COMMITTEE MEMBERS

### Professional Members



Nurun Nahar Mondol  
IEEE BUET Student Branch



Jahan Nipa  
IEEE BUET Student Branch



Ahsan Rabby Khan  
IEEE BUET Student Branch

### Designers

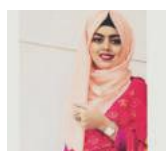


Md. Tauhidur Rahman  
IEEE AIUB Student Branch



A.N.M. Nafiul Islam  
IEEE BUET Student Branch

### Content Writers



Mahima Anwar  
IEEE NSU SB



Md Sadman Siraj  
IEEE SB DU



Mohsina Sultana  
IEEE SB DU



Mumtahina Islam  
IEEE BUET SB



Saidur Rahman  
IEEE DIU SB

## IEEE BANGLADESH SECTION ACTIVITIES

### 1. FLAGSHIP ACTIVITIES

#### IEEE Bangladesh Section MiniPOCO 2018

IEEE Bangladesh Section organized IEEE Bangladesh Section miniPOCO 2018 on August 3, 2018 at Bangladesh University of Engineering and Technology (BUET).



#### IEEE Bangladesh Section Vitality Enhancement Series Event 2

IEEE Bangladesh Section organized a half day event and a membership drive named IEEE Bangladesh Section Vitality Enhancement Series Event 2 at Leading University, Sylhet on September 29, 2018.



#### IEEE Bangladesh Section Vitality Enhancement Series Event 3

IEEE Bangladesh Section organized a half day event and a membership drive named IEEE Bangladesh Section Vitality Enhancement Series Event 3 at Shahjalal University of Science and Technology, Sylhet on September 29, 2018.





## IEEE Day 2018 Celebration

IEEE Bangladesh Section celebrated IEEE Day 2018 along with IEEE Bangladesh Section Student Activities Committee (SAC), IEEE Bangladesh Section Young Professionals (YP) Affinity Group and IEEE Women in Engineer (WIE) Affinity Group at Bangabandhu Shaikh Mujib Medical University (BSMMU) Convention Center on October 13, 2018.



## IEEE Women in Engineering Leadership Summit-2018

"IEEE Women in Engineering International Leadership Summit (ILS) 2018" was held 12-13 October, 2018 at BSMMU Convention Center, Dhaka with the theme of "Dream| Believe| Achieve |Empower". This global summit was organized by IEEE Women in Engineering Affinity Group of Bangladesh which is the first time in the history of IEEE Bangladesh section since its inception in 1993.

The first day of the summit started with the brief overview of IEEE Women in Engineering (WIE) Affinity Group (AG) Bangladesh Section and back ground of IEEE WIE international leadership Summit presented by general chair of the summit, Dr. Celia Shahnaz, Professor, Department of EEE, BUET and Chair of IEEE Bangladesh Section along with a video display of the highlights of the journey.

Hon'ble Minister Ministry of Posts, Telecommunications and Information Technology, Meher Afroze Chumki was present as Chief Guest and Professor Dr. Kanak Kanti Barua, Hon'ble Vice Chancellor, BSMMU was present as Special Guest during the inauguration.

The sessions commenced with a message for delegates from Bozena Pasik Duncan, IEEE WIE Chair (2017-18) and her vision for IEEE WIE is presented by General Chair Dr. Celia Shahnaz. The first keynote speech was delivered by Samira Emerson, Analytics and Data Science Director, THE CENTER OF APPLIED DATA SCIENCE, Malaysia.

This was followed by keynote speeches from Mahtab Uddin Ahmed, CEO and MD, Robi Axiata limited and Michael Patrick Foley, CEO, Grameenphone Ltd.

The keynote sessions were followed by a panel discussion with the theme: "Embracing Science and Technology to break barriers".

There were also Talks on the challenges faced by women in Entrepreneurship and Leadership roles and how to surpass them successfully. The speakers talked about exciting and innovative ideas for entrepreneurship, emerging medical research customized for women, role of women in national development, role of women in developing sustainable energy, empowering women, and progress of women in various technical sectors.

WIE International Humanitarian Technology Project Competition (WIE-IHTPC) was collocated with the summit to inspire more women and female students to be involved in humanitarian technology-based activities.

A total of 55 speakers including 13 foreign speakers, 33 WIE –IHTPC participants (19 teams) including 8 foreign participants (5 teams) from 8 different countries, namely USA, Canada, Malaysia, Singapore, Indonesia, India, Sri Lanka, and Bangladesh along with more than 300 delegates, volunteers, press and media journalists took part in the summit.

Later in the day there were keynote speeches by Prof. Dr. Dil Afroza Begum, Member, United Grants Commission of Bangladesh and IEEE Region 10 Educational Activities Coordinator, Zuhaina Zakaria.



The day ended with a grand celebration of “25th anniversary of IEEE Bangladesh section” and winning of “2018 IEEE MGA outstanding large section award” in the presence of Architect Yeafesh Osman, Hon’ble Minister of Ministry of Science and Technology as the chief guest and celebration evening keynote speaker.

The second day of the summit is started by a keynote speech by Rokia Afzal Rahman, President, Bangladesh Federation of Women Entrepreneurs, Agnes Irwanti, Co-founder of Multikom Global Mediatama Company, and Selima Ahmad, President, Bangladesh Women Chamber of Commerce and Industry.

There were a couple of parallel sessions on professional challenges, industry and business engagement, demystifying nuclear power, emerging technology, role of women in computational intelligence along with a workshop arranged by IEEE Humanitarian Activity Committee.

An engaging panel discussion was conducted with the theme- “Enhancing communication, mental and technical skills for successful carrier “where Professor M Zafar Iqbal, Munni Saha and Munir Hasan participated.

Afterwards, there were keynote speeches by Malika Meghjani, Post-Doctoral Scholar Future Urban Mobility, Singapore-MIT Alliance for Research and Technology, Dr. Nia Kurnianingsih, Coordinator of Electronic Communications and Information Management, IEEE Region 10 and Dr. Suma M S, Professor, Department of Medical Electronics.

The event drew to a conclusion with a closing ceremony, where Mustafa Jabbar, Honorable Minister, Ministry of Posts, Telecommunications and Information Technology was present as chief guest and closing ceremony keynote speaker. He shared his thoughts on how women should constantly be empowered and encouraged to achieve more and about how our country has progressed in ensuring a rise in educational and professional opportunities for women. Mr. Abul Kalam Azad, Principal Coordinator, (SDG Affairs), Prime Minister's Office and Prof. Dr. Kanak Kanti Barua, Honorable Vice Chancellor, BSMMU were also present as special guests and provided thoughtful keynotes. The local arrangement chair of the summit Dr. Shaikh Anowarul Fattah, Professor, Dept. of Electrical and Electronics Engineering, BUET; Education Chair, IEEE Humanitarian Activities Committee and past Chair of IEEE Bangladesh Section delivered a vote of thanks to all the guests, speakers and volunteers for their relentless support and participation. The ceremony ended with the prize giving to WIE-IHTPC winners and celebration of IEEE Day 2018.

Mobile operator Robi, IEEE Signal Processing Society, IEEE Humanitarian Activities Committee were the Platinum Sponsors of the event along with Access to Information(A2I) as the strategic partner.

For more details about the summit please visit <http://wieilsbd2018.com/>. A full list of speakers can be found in the website.





## 2. STUDENT ACTIVITIES

### **Student Professional Awareness Conference, SPAC**



IEEE Bangladesh Section along with IEEE North South University Student Branch Organized (INSB) Student Professional Awareness Conference, SPAC on July 27, 2018, at North South University, Dhaka.

## 3. HUMANITARIAN ACTIVITIES

### **Training session on Humanitarian Technology Project Design for Sustainable Development in Local Community at CUET**



IEEE Student Branch CUET in cooperation with IEEE Bangladesh Section organized a training session on “Humanitarian Technology Project Design for Sustainable Development in Local Community” on 28 June, 2018 at Operating System Laboratory, Department of CSE, CUET. Its objective was to familiarize the participants with the process of identifying local community problems and developing sustainable projects to solve them.

Dr. Shaikh Anowarul Fattah, Professor, Department of EEE, BUET; Director, Institute of Nuclear Power Engineering (INPE), BUET; Nominations and Appointments Chair, IEEE Bangladesh Section and Education Chair, IEEE Humanitarian Activities Committee conducted the training session. Dr. Shamsul Arefin, Head of Department, Department of CSE, CUET, Dr. Moshikul Hoque, Branch Advisor, IEEE Student Branch CUET and Conference Coordinator, IEEE Bangladesh Section and Dr. Saiful Islam, Branch Co-counselor, IEEE Student Branch CUET were present as honorable guests. The session was held for 3 hours. 100 participants including 40 IEEE members participated in the event.

The training session was inaugurated by Dr. Shamsul Arefin, Head of Department, Department of CSE, CUET. He delivered his welcome speech along with a brief introduction to IEEE Student Branch CUET.

Then Dr. Shaikh Anowarul Fattah started the training session with a brief speech. He introduced humanitarian technology and discussed 17 sustainable development goals of UN. Then he described the funding opportunities of IEEE and IEEE SIGHT. After that, he taught the participants how to develop an idea for a humanitarian technology which focuses on solving local and common problems. He also showed some examples of implemented humanitarian technologies.

Later an interactive brainstorming session was conducted by Dr. Shaikh Anowarul Fattah. All the participants were divided into 16 groups and they developed humanitarian technology ideas to solve local community problems. They presented their ideas and Dr. Shaikh Anowarul Fattah gave them different suggestions on how they can improve their ideas and implement them.

The training was concluded by Dr. Moshikul Hoque, Branch Advisor, IEEE Student Branch CUET. A token of appreciation was handed over to Dr. Shaikh Anowarul Fattah by Dr. Moshikul Hoque and Dr. Saiful Islam, Branch Co-counselor, IEEE Student Branch CUET.

## **4. PROMOTING RESEARCH ACTIVITIES**

### **IEEE Bangladesh Section Outreach Session**

IEEE Bangladesh Section organized an event and a membership drive named IEEE Bangladesh Section Outreach Session at Metropolitan University, Sylhet on September 29, 2018.







### **Project Competition at iCEEICT-2018**

IEEE Bangladesh Section along with IEEE Military Institute of Science and Technology (MIST) Student Branch organized a Student Project Show during 4th International Conference on Electrical Engineering and Information & Communication Technology (iCEEICT-2018) on September 14, 2018, at Military Institute of Science and Technology (MIST).

## **5. SOCIAL EVENTS**

### **IEEE R10 HTC 2017 – Volunteer Recognition Program**



IEEE Bangladesh Section in association with IEEE BUET Student Branch organized “IEEE R10 HTC 2017 – Volunteer Recognition Program” on 4th July, 2018 hosted by Department of EEE, BUET at ECE Building, BUET, Dhaka. The event was to recognize the efforts of the volunteers who have gone the extra mile to make IEEE R10 HTC 2017 a tremendous success.

Dr. Celia Shahnaz, Chair, IEEE Bangladesh Section, General Co-Chair, IEEE R10 HTC 2017, Yeasir Arafat, Vice-Chair (Activity), IEEE Bangladesh Section, Dr. Shaikh Anowarul Fattah, Nominations and Appointments Chair, IEEE Bangladesh Section, General Chair, IEEE R10 HTC 2017, Dr. Shafiqul Islam, Head, Department of EEE, BUET, Mohammad Zakaria Haider, Secretary, IEEE Bangladesh Section, Md. Romael Haque, Treasurer, IEEE Bangladesh Section and Raihan Ur Rashid, Publicity Co-ordinator, IEEE Bangladesh Section were present as honorable guests. About 48 student, YP and WIE volunteers who have been involved with IEEE R10 HTC 2017 were present at the event. The session started at 6:00 pm.

Dr. Shaikh Anowarul Fattah, General Chair, IEEE R10 HTC 2017, started the session by giving a brief speech about IEEE R10 HTC 2017 and the part that all the volunteers played for the successful execution of the conference. He also discussed how this valuable experience is going to help all the volunteers to groom for the important events and conferences that are going to be organized by IEEE Bangladesh Section in near future.

Then Dr. Celia Shahnaz, General Co-Chair, IEEE R10 HTC 2017, also discussed briefly how important the conference was and how delicately all the volunteers performed their individual roles for the successful completion of the conference. She shared some experiences acquired during the conference and all the challenges that everyone had to face and overcome.

After that, Yeasir Arafat, Vice-Chair (Activity), IEEE Bangladesh Section, praised the efficiencies of the volunteers. He shared some instances where he was amazed at the level of performance of the volunteers which was beyond his expectations.

Finally, all the volunteers along with their designated team leaders were called upon to share their experiences throughout the conference. They were asked to share their opinions on how to improve different aspects in order to improvise with all the resources available in the upcoming events and conferences.

At the end of the event, the volunteers were awarded tokens and certificates for their outstanding contribution in IEEE R10 HTC 2017. A group photo was taken to wrap up the event. A grand dinner was prepared to commemorate the efforts of all the volunteers and all the members of IEEE Bangladesh Section in IEEE R10 HTC 2017.



## 2. ACTIVITIES OF SOCIETIES AND CHAPTERS, IEEE BANGLADESH SECTION

### a. IEEE POWER AND ENERGY SOCIETY BANGLADESH CHAPTER

#### WORKSHOP ON “DIGSILENT POWERFACTORY” AT NSU BY IEEE NSU PES SB CHAPTER



IEEE NSU Power & Energy Society Student Branch Chapter in collaboration with IEEE Power & Energy Society Bangladesh Chapter successfully organized a workshop on DigSILENT PowerFactory on July 12, 2018 at North South University.

This workshop began with a small brief on how electrical power systems work, basic idea about load flow calculation, different types of faults. The session was conducted by Dr. Tareq Aziz, Chair, IEEE PES Bangladesh Chapter.

The next session was conducted by Ms. Shaila Arif, Assistant Professor, Dept. of EEE, AUST, who introduced the

fundamental features of PowerFactory including Equipment and Network Modelling, Library Usage, Results reporting and exporting/importing files. It also introduced various power system analysis functions that range from load flow analysis to short circuit analysis.

The final session was conducted by Mr. Mushfiqul Ahmed, Lecturer, Dept. of EEE, AUST, who presented different features for power quality and harmonic analysis using DigSILENT PowerFactory.

The workshop lasted from 4:15 pm to 7:30 pm. The workshop ended by distributing certificates to all the participants and honoring the instructors with crests.

#### Entrepreneurship: Unlimited Opportunity for engineers

Seminar room, AUST.

Date- 14th July 2018.

Co-host: Department of EEE, AUST and AUST Innovation and Design Club and AUST EEE Society.



## **b. IEEE BANGLADESH SECTION ROBOTICS AND AUTOMATION SOCIETY**

### **Expeditious '18 on CUET**

Robo Mechatronics Association (RMA) & FABLAB, Chittagong University of Engineering and Technology organized a two day robotic competition called "Expeditious '18" with the title sponsorship of Unipolar and the co-sponsorship of IEEE Bangladesh Section & IEEE Robotics & Automation Society Bangladesh Chapter on 29th June, 2018 at PME (Petroleum and Mining Engineering) Building, Chittagong University of Engineering and Technology (CUET). This year's event is the continuation of the previous four years.

The Chief Guest Prof. Dr. Md Rafiqul Alam, Vice-Chancellor, Chittagong University of Engineering and Technology, inaugurated the event. Special Guest of the event was Dr. Shaikh Anowarul Fattah, Professor, Department of EEE, BUET; Director, Institute of Nuclear Power Engineering (INPE), BUET; Nominations and Appointments Chair, IEEE Bangladesh Section and Chair, & IEEE Robotics & Automation Society Bangladesh Chapter.

The event lasted for 2 days in which 31 teams of 13 universities from all over Bangladesh participated with great enthusiasm. Winners of Expeditious 18 were announced at the end of the event. Team Tennesine from International Islamic University Chittagong (IIUC) became the champion and Team SUST Robo Sapiens from Shahjalal University of Science and Technology (SUST) was the runners-up for Clash of Bot competition. For RoboPras competition, Team Khepa1.7 from CUET was the champion and Team Unity from CUET was the runners-up. Team Cadroit from CUET became the winner of Cad-o-Mania competition.

Overall Expeditious '18 had a huge success upholding its glory for five years consecutively.





### **c. SSIT, IEEE BANGLADESH SECTION CHAPTER**

#### **SS12 Innovation Challenge and Maker Fair 2018: IEEE Bangladesh Section Pilot Round**

IEEE Bangladesh Section, IEEE Bangladesh Section Humanitarian Activity Committee (HAC) along with IEEE Independent University Bangladesh Student Branch organized the IEEE Bangladesh Section Pilot Round of SS12 Innovation Challenge and Maker Fair 2018 at Independent University Bangladesh Campus on July 20, 2018



### **d. IEEE ELECTRON DEVICES & SOLID-STATE CIRCUITS SOCIETY BANGLADESH CHAPTER**

#### **Technical Talk: A Road to Professional Development**

ECE Building, BUET.

Date: 4th July 2018

Co-host: IEEE EDS BUET Student Branch Chapter



## 2. ACTIVITIES OF AFFINITY GROUPS

### WOMEN IN ENGINEERING (WIE) AFFINITY GROUP, IEEE BANGLADESH SECTION

#### Workshop on Graphics Design for Women in Engineering

On 15th October 2018, IEEE AIUB Student Branch WIE Affinity Group in association with IEEE AIUB Student Branch successfully organized a workshop on Graphics Design for Women in Engineering at American International University - Bangladesh. The workshop encouraged women to learn and gather more skill in graphic designing. The workshop was conducted by mainly focusing on some of the basic designs and use of different types of tools in Adobe Photoshop CC. The workshop was carried out by Ms. Rani Ellen V. Ramos, Animation lecturer, Animation Program – MMC Department, AIUB.



#### Road to Higher Studies in Abroad

A seminar on "Road to Higher Studies in Abroad" was held on 5th November 2018 at Seminar Room, Jahir Raihan Auditorium in Jahangirnagar University organized by IEEE WIE Affinity Group JU SB in collaboration with GREC Bangladesh. The speakers of this seminar were Sajid Kamal, Faculty, GREC & JU Alumnus and Arifur Rahman, Deputy General Manager, GREC. Special thanks to honorable faculties of Institute of information Technology, Dr. Shamim Kaiser sir & M. Mesbahuddin Sarker for their valuable presence. Nowadays students are very interested for pursuing higher studies in abroad especially in USA and different countries of Europe after completing their undergraduate degrees. For guiding these young students for their future goal, we, IEEE WIE Affinity Group JU SB have arranged this seminar.

Several topics such as GRE preparation, IELTS preparation, mailing professors, Statement of Purpose and Letter of Recommendation, Application process, University and Professor Searching etc were covered in this event. After the seminar, the floor was open for questions and the speakers gave their answers regarding this whole procedure.





## Interactive session on Academic Research

IEEE WIE AG SB DU successfully organized an "Interactive session on Academic Research", conducted by legendary Professor K Siddique-e-Rabbani. The seminar took place on 2nd October, 2018. Nearly 40 participants attended the seminar and were enlightened by the speaker on various subjects and misconceptions regarding research. The speaker also spoke about his own research and left the participants quite motivated by the end of the session. The seminar being an interactive one where participants received answers to their queries, was a fruitful event.



## Basic Game Development & Prize Giving Ceremony of Logo Contest 2018

A seminar on "Basic Game Development & Prize Giving Ceremony of Logo Contest 2018" has been held at Institute of Information Technology in Jahangirnagar University organized by IEEE WIE Affinity Group JU SB in collaboration with IIT-JU. The instructor of this seminar was Farhan Hasin Chowdhury, Independent Video Game Developer, Former Video Game Programming Trainer, ICT Division. Special thanks to honorable faculties of Institute of Information Technology, Dr. Shamim Kaiser sir & Fahima Tabassum Madam for their valuable presence.

Things like how computer games are made and the basics of game development were explained by the instructor. As coding is one of the prerequisites of developing a game, some key concepts of coding were also discussed on that seminar that can be useful when the participants start learning other languages & develop some video games.



We specially thank Farhan Hasin Chowdhury for conducting such an informative seminar.



The Prize Giving Ceremony of Logo Design Contest 2018 of IEEE WIE Affinity Group JU SB has been held on the same day.

Fahima Tabassum, Associate Professor of IIT JU & Counselor of IEEE WIE Affinity Group JU SB has handed over the crests & certificates to the winners.

### 3. IEEE YOUNG PROFESSIONALS BANGLADESH SECTION

#### Seminar on Networking Systems



Whether we are setting up a home network or one for a large business, computer network services are a key component in keeping our network running at all times and keep you connected. So, IEEE Leading University Student Branch organized a seminar on "Networking Systems" in association with IEEE Bangladesh Section along with IEEE Bangladesh Section Student Activities Committee and IEEE Young Professionals Bangladesh. A big shout out to the respected organizations for their support. The seminar took place on 29th September 2018. Honorable Vice Chancellor of Leading University, Prof. Dr. Md. Qumruzzaman Chowdhury was the Chief Guest of the seminar. Special Guest was Major (Rtd.) Md. Shah Alam Psc, Honorable Registrar, Leading University. The seminar was Chaired by Rumel M.S. Rahman Pir, Associate Professor (Head Dept. of EEE). The seminar commenced by the welcome speech from the Counselor of IEEE LUSB, Md. Niaz Morshedul Haque. Mohammad Zakaria Haider, Secretary, IEEE Bangladesh Section, Shams Shad Islam Khan, Chair, IEEE Bangladesh Section Student Activities Committee and A R M Abdullah Rocky, Chair, IEEE Young Professionals Bangladesh spoke on the benefits and function of IEEE. The technical Session on Networking Systems was conducted by Md. Sayem Miah, Lecturer Dept. of EEE and Abu Shakil Ahmed, Lecturer Dept. of EEE. The event was successfully was hosted at Gallery-1, Leading University, Ragibnagar, Kamalbazar, Sylhet. IEEE Leading University Student Branch would like to Thank other coordinators of IEEE Bangladesh Section and faculty members, Students from different departments of Leading University for their presence.

#### Open Seminar on Embedded Systems and Interfacing



A seminar on embedded systems was held on 29th September at Shahjalal University of Science and Technology; organized by IEEE SUST Student Branch in association with IEEE Bangladesh Section, IEEE Bangladesh Section Student Activities Committee and IEEE Young Professionals Bangladesh. The 2-hour-long seminar is mainly for the students interested in the embedded informatics. Mr. Akhlak Uz Zaman Ashik from Panacea IT limited, the keynote speaker gave information about embedded systems and interfacing where students got to know what the embedded system is and how it works. In addition to that, an awareness session on the usefulness of the related software was conducted. It is to be noted that Mr.

Akhlaq Uz Zaman Ashik is a software programmer of SUST Drone Team. Finally, there was an interactive session on the activities of IEEE Bangladesh Section, IEEE Bangladesh Section Student Activities Committee, and IEEE Young Professionals Bangladesh. The IEEE SUST Student Branch thanks the participants in the event and specially thanks IEEE Bangladesh Section, SAC Team and IEEE Young Professionals Bangladesh for making this event a success.



## IEEE STEP 2.0

In the modern era of competitiveness, the professional world is in search of the very best, not willing to spare any compromises. It is the transition period from student life to a professional world that proves to be the hardest, with optimistic hurdles placed on each corner. IEEE Student Transition and Elevation Partnership (STEP) provides a dynamic program for facilitating the transition by introducing the opportunities and benefits of IEEE membership during the onset of a STEM career. On 6th October 2018, IEEE AIUB Student Branch in association with IEEE Bangladesh Section and IEEE Young Professionals Bangladesh for the second time in Bangladesh Section successfully organized IEEE Student Transition and Elevation Partnership (STEP 2.0), at American International University-Bangladesh. The flagship event consisted of a series of seminars, workshops and interactive session, in order to make the transition period more convenient. The day was inaugurated with a welcome speech from Dr. M Tanseer Ali, Senior Assistant Professor, Faculty of Engineering, AIUB; Former Counselor, IEEE AIUB Student Branch; Professional Activity Coordinator, IEEE Bangladesh Section, who talked about IEEE STEP, and how it is a great opportunity for the participants to familiarize themselves with the transition and allowing for easier changes.

The first speaker session of the event titled "Importance of Extracurricular Activities" was conducted by Anamika Bhakta, which focused on the role extracurricular activities play in professional life. The speaker initiated her session by explaining the chart of the hierarchy of human needs. She then discussed about the attributes that employers look for, further discussing flaws present in one's self and how the gaps should be bridged in order to grow to one's full potential. She concluded the session by providing motivation to the participants and asked the participants to focus on attributes having a positive effect on them.



The second workshop session titled Adaptation to Corporate Culture was conducted by ARM Abdullah Rocky, which focused on effective communication skills in a work environment. The speaker initiated the session by discussing the proper professional communication method, which was through e-mail. He discussed all the important things to focus when sending an e-mail. He concluded the session by providing the participants with hands-on training, which was on writing an e-mail when working on a new project. Following a Lunch break, the third session of the event titled Awareness Session on Modern Day Technologies was conducted by Azfar Adib, Manager, IoT & M2M Services, Grameenphone Ltd. which focused on technological advancements. He initiated the session by providing statistics on countries with increasing innovativeness amongst the Asian countries. He further talked about the latest technologies and the opportunities associated with those technologies. He concluded with a question and answer session based on the blockchain. The next big session titled Tentative Talk on Emerging Research for Competitive Young Professionals to be Future Rising Stars was conducted by Dr. Celia Shahnaz, SMIEEE, FIEB; Professor, Department of EEE, BUET; Chairperson, IEEE Bangladesh Section, which focused on research opportunities for the young talents. The speaker initiated her session by sharing her experiences with IEEE. She then talked about different IEEE Societies and what they have to offer. She further discussed about different researches being conducted across the world, with more emphasis being provided towards the different research sectors that could be focused on by the participants and Young professionals present in the room. She concluded with a question and answer session.



The last session of the day titled Continuation of Research Besides Corporate Life was conducted by Dr. Shaikh Anowarul Fattah, Nominations and Appointments Chair, IEEE Bangladesh Section; Professor, Department of EEE, BUET, which focused on the importance of research. He initiated the session by talking about how research works help keep one active within. He talked about the differences between publications and projects and assessed the difficulties when publishing papers. He concluded the session by asking participants to look into projects that might have an impact on the society and also provided the students with remarks and proper knowledge on their project.



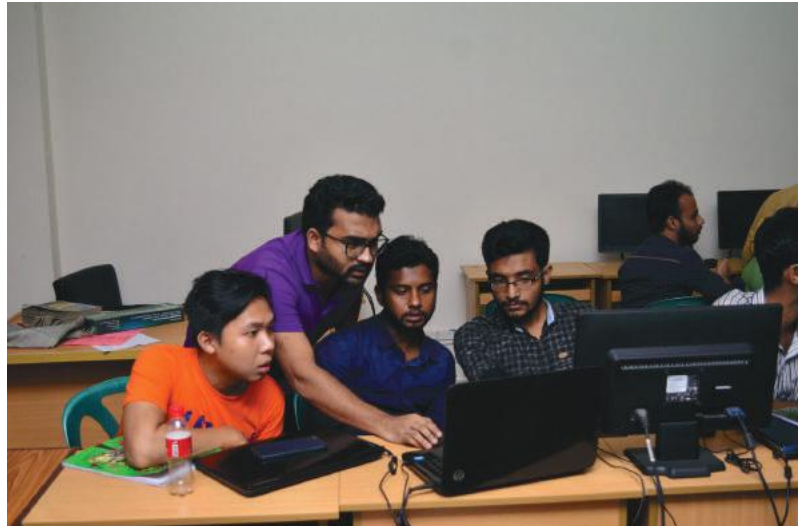
Following the sessions Chowdhury Akram Hossain, thanked the speakers for taking up time from their schedule and presenting their essential knowledge along with thanking the volunteers and executive members for showing enthusiasm throughout the day. He then discussed the importance of such flagship events in helping the participants to develop themselves professionally. He further extended gratitude to IEEE Young Professionals along with IEEE Young Professionals Bangladesh. The day-long event was concluded with a concluding speech from Dr. Celia Shahnaz, who thanked the organizers and participants for putting up life to the event. She stated the importance of one's willpower and hard work in order to succeed. She talked about her memories associated with IEEE AIUB Student Branch. She further pointed out the achievements of IEEE AIUB Student Branch due to the hard work. The

day-long professional venture concluded in the evening. The event was composed of very effective and informative sessions which the participants were delighted with, as it would help them in professional development. The venture was graced by the presence of Mohammad Zakaria Haider, Secretary, IEEE Bangladesh Section, Shams Shad Islam Khan, Student Activity Coordinator, IEEE Bangladesh Section, Tasnuva Tasneem, Motivator, IEEE AIUB Student Branch; WIE Coordinator, IEEE AIUB Student Branch WIE Affinity Group; Assistant Professor, Faculty of Engineering AIUB, Kawshik Shikder, Motivator, IEEE AIUB Student Branch; Lecturer, Faculty of Engineering, AIUB. Participants from universities across Bangladesh took part in one of the grandest ventures in IEEE Bangladesh Section and IEEE Region 10.

## **Workshop on PCB Designing and Prototyping**

Designing Printed Circuit Board (PCB) is the most Important part of manufacturing Electronic devices, Robotics & Embedded system. It is the frequent problem of an engineer what perfectly works in the breadboard does not work in the PCB. So, what is the mystery behind the PCB design? IEEE BUBT student branch in association with IEEE Bangladesh Section, IEEE Bangladesh Section Students Activities Committee and IEEE Young Professionals Bangladesh unveiled the mystery of PCB design on 27 October, 2018. The workshop was conducted by Shuvangkar Chandra Das completed his B.Sc. from the department of EEE, BUET and currently working as Project Engineer of IICT, BUET. He was a dedicated student volunteer of IEEE BUET Student Branch and worked as Chairperson of IEEE BUET Student Branch.

As a newbie in PCB design what we usually do while designing PCB, is place component whimsically and use innumerable vias as a result debugging stage takes much time. There is a rule for every component placement and each tracing. It's like an art of engineering. We hope that after completing the workshop successfully, the participants have been able to master the art of PCB design. One important factor of product manufacturing is cost optimization. So, PCB cost can be reduced surprising using optimum number of layers and size optimization. In the workshop there was discussions on the stage of prototyping. The workshop was day-long and we will a single layer optimum sized PCB was designed. The first session covered the basics of PCB design and in the second session, the theory, what was learned in the first session was applied. IEEE BUBT Student Branch would like to thank all the participants in this workshop for their vivid presence. Also, special thanks goes to IEEE Bangladesh Section, IEEE Bangladesh Section Students Activities Committee and IEEE Young Professionals Bangladesh for the their support.





## 4. STUDENT BRANCH ACTIVITIES

### IEEE AIUB STUDENT BRANCH

1. Seminar on "Road to Erasmus+ Scholarship": American International University – Bangladesh, 18th July 2018.
2. Seminar on "Development, Characterization and Electromagnetic Performances Analysis of Flexible Material Antenna for Microwave Wireless Communication": American International University-Bangladesh, 24th July 2018, Co-host: IEEE MTT-S AIUB SB Chapter.
3. Seminar on "Dare to Lead": American International University – Bangladesh, 26th July 2018, Co-host: IEEE IAS AIUB SB Chapter.
4. WIE STAR (Outreach Program): Kuril- Kuratali Ideal High School, Kuratoli, Dhaka, 29th July 2018, Co-host: IEEE AIUB SB WIE Affinity Group.
5. Seminar on "Career Opportunities and Research Areas in Biomedical Engineering: An Introduction to IEEE EMBS": American International University – Bangladesh, 31st July 2018, Co-host: IEEE EMBS AIUB SB Chapter.
6. Student Professional Awareness Workshop (SPAW): American International University – Bangladesh, 4th August 2018.
7. Workshop on "IEEEmadC & Mobile Application Development": American International University – Bangladesh, 26th September 2018, Co-host: IEEE CS AIUB SB Chapter.
8. Student Transition and Elevation Partnership (STEP 2.0): American International University – Bangladesh, 6th October 2018, Co-host: IEEE Young Professionals Bangladesh & IEEE Bangladesh Section.
9. IEEE Day 2018: American International University – Bangladesh, 11th October 2018, Co-host: IEEE Computer Society AIUB Student Branch Chapter.
10. Graphics Design for Women in Engineering: American International University – Bangladesh, 15th October 2018, Co-host: IEEE AIUB Student Branch WIE Affinity Group.
11. Future Scopes of Firmware Engineering: American International University – Bangladesh, 15th November 2018, Co-host: IEEE Computer Society AIUB SB Chapter.
12. Industrial Tour to "Max Power Limited:78.5MW Gas-Based Power Plant": Ghorashal, Polash, Narshingdi, Bangladesh, 17th November 2018, Co-hosts: IEEE IAS AIUB SB Chapter, IEEE AIUB SB WIE Affinity Group.

### IEEE AUST STUDENT BRANCH

1. TechScribe (online competition): Online, 13th June, 2018 – 17th July, 2018.
2. Workshop on PCB: AUST, 22nd July, 2018, Co-Host: IEEE WIE Bangladesh Section.
3. Seminar on Research Methodology: AUST, 29th July, 2018.
4. Workshop on Ubuntu: AUST, 30th July, 2018.
5. Celebrating WIE Anniversary: AUST, 31st July, 2018.

### IEEE BRAC STUDENT BRANCH

1. Prospect of Higher Studies 2.0: BRAC University – Bangladesh, 12th July 2018.
2. Aarong Dairy Factory Visit: BRAC University-Bangladesh, 21st July 2018.
3. Rahimafrooz Battery Manufacturing: BRAC University-Bangladesh, 21st July 2018.
4. Workshop on "IEEEExtreme 12.0": BRAC University – Bangladesh, 6th October 2018.

### IEEE BUBT STUDENT BRANCH

1. Workshop on PCB Designing and Prototyping: BUBT , 27th October, 2018, Co-Host: IEEE Young Professionals Bangladesh & IEEE Bangladesh Section, SAC team.
2. Inauguration ceremony of IEEE BUBT SB and WIE AG: BUBT, 22nd July, 2018.
3. Mid Year Membership Drive 2018: BUBT, 7th -11th July, 2018.

### **IEEE BUET STUDENT BRANCH**

1. A technical talk on "A Road to Professional Development": BUET, 24th July, 2018.
2. IEEE Day 2018: ECE Building, BUET, co-Host: IEEE RAS Bangladesh Chapter, IEEE Bangladesh Section.
3. A session on "It's not a Goodbye but the Starting of a New Journey": ECE Building, BUET, 30 July, 2018, Co-Host: IEEE Bangladesh Section & IEEE BDS Students Activities Committee.
4. An introductory session on IEEEExtreme: online, 5th October, 2018.

### **IEEE BUP STUDENT BRANCH**

1. IEEE Student Branch Fest 2018: Bangladesh University of Professionals – Bangladesh, 5th November 2018.

### **IEEE CUET STUDENT BRANCH**

1. A training session on "Humanitarian Technology Project Design for Sustainable Development in Local Community": Department of CSE, CUET, 28 June, 2018, Co-Host: IEEE Bangladesh Section.

### **IEEE DUET STUDENT BRANCH**

1. IEEE Day 2018 with a seminar on Higher Study in North America: Main Academic Building, DUET, Gazipur, 10 October 2018.
2. Workshop on Substation Design & Simulation: Main Academic Building, DUET, 26th October 2018.

### **IEEE EWU STUDENT BRANCH**

1. Workshop on 'Graphics Design': EAST WEST UNIVERSITY, 16th July 2018, Co-Host: IEEE EWUSB, IEEE WIE BDS and IEEE computer society EWU SB chapter.
2. Workshop on Microsoft Excel: East West University, 19th July, 2018.
3. Robi BDapps Developer Workshop: East West University, 4th August, 2018.
4. Seminar on Higher study and Research funding in USA and Canada: East West University, 6th August, 2018.
5. IEEE Day 2018: East West University, 1st, 2nd and 5th November, 2018.

### **IEEE HSTU STUDENT BRANCH**

1. Seminar on Data Science: Auditorium – 1, Hajee Mohammad Danesh Science & Technology University, Dinajpur, July 8, 2018, Co-Host: WALTON.
2. Workshop on Robotics with Arduino: Hajee Mohammad Danesh Science & Technology University, Dinajpur, September 21-22, 2018.
3. Workshop on Poster Designing: Hajee Mohammad Danesh Science & Technology University, Dinajpur, September 22, 2018.
4. IEEE Day & Maker Fair: Hajee Mohammad Danesh Science & Technology University, Dinajpur, October 10, 2018.

### **IEEE IIUC STUDENT BRANCH**

1. Workshop on Paper publication and research: IIUC, 21st July, 2018.
2. IEEE Day 2018 | IEEE IIUC SB: IIUC, 11th October, 2018.
3. International Conference on Innovations in SET – 2018: IIUC, 27th October, 2018.
4. BTA Enterprise' Project Showcase Competition at ICISET-2018: IIUC, 28th October, 2018.
5. ZAHARAN's Poster Presentation Competition at IIUC ICISET'2018: IIUC, 28th October, 2018.



### **IEEE ISTT STUDENT BRANCH**

1. Workshop on Latex: Institute of Science Trade and Technology, Dhaka, 14th July 2018.
2. World IEEE Day 2018: ISTT Permanent Campus, Dhaka, 7th October 2018.
3. IEEE ISTT SB WIE Affinity Group Inauguration Ceremony: Institute of Science Trade and Technology, Dhaka, 25th October 2018.

### **IEEE IUB STUDENT BRANCH**

1. Seminar on "Brain Engineering: Opportunities and Feasibilities": Independent University Bangladesh – Bangladesh, 12nd July 2018, Co-hosts: Dept. of EEE, IUB and MassiveStar.
2. IEEE SS12: Innovation Challenge and Maker Fair Bangladesh Round 2018: Independent University Bangladesh, 20th July 2018, Co-host: IEEE BDS, IEEE BDS HAC, SIGH-FLASH BDS.
3. Industrial Tour in Summit Meghnaghat Power Plant: Independent University Bangladesh – Bangladesh, 26th July 2018.
4. Workshop on Line Following Robot and RC/Bluetooth Controlled Robot: Independent University Bangladesh – Bangladesh, 16th August 2018, Co-host: Fab Lab IUB.
5. Fabathon Workshops for Makers' Mania 2018: Independent University Bangladesh – Bangladesh, 15th September 2018, Co-host: Fab Lab IUB.
6. Makers' Mania 2018: Independent University Bangladesh – Bangladesh, 22nd September 2018, Co-host: Fab Lab IUB.
7. Seminar on "Android Application Development": Independent University Bangladesh – Bangladesh, 7th October 2018, Co-host: IEEE Computer Society Student Branch Chapter, IUB.
8. IEEE Day 2018: IUB: Independent University Bangladesh – Bangladesh, 15th November 2018, Co-host: IEEE CS IUB SBC, IEEE WIE AG SB IUB and IEEE IAS IUB SBC.
9. Inauguration of IEEE Computer Society Student Branch Chapter IUB: Independent University Bangladesh – Bangladesh, 15th November 2018, Co-host: IEEE Computer Society Student Branch Chapter, IUB.
10. Industrial Tour 2018 to Khulna Shipyard and Orion Power Rupsha Ltd.: Independent University Bangladesh – Bangladesh, 21st November 2018, Co-host: Dept. of EEE, IUB.

### **IEEE JU STUDENT BRANCH**

1. Android controlled robot workshop: IIT-JU, 26-07-2018.
2. Seminar on Cybersecurity and Ethical hacking: Jahir Raihan Auditorium, JU, 10-09-2018, Co-hosts: IIT-JU, WIE-JU.
3. WIE event on women career: IIT-JU, 29-07-2018, Co-Hosts: WIE-JU.
4. Inter-University Idea Contest: Celebrating IEEE Day in JU: IIT-JU, 11-10-2018.
5. Basic Mobile Application Development & IEEE-madC: Stat Gallery, stat building, JU, 25-09-2018.
6. Higher Education in Japan - Introduction to University of Yamanashi - Masanori Hanawa: Jahir Raihan Auditorium, JU, 17-09-2018, Co-Hosts: IIT-JU, WIE-JU.
7. Basics and Recent trend in Fiber Optic Communications: Jahir Raihan Auditorium, JU, 17-09-2018, Co-Hosts: IIT-JU, WIE-JU.
8. Japanese IT Job Fair: IIT-JU, 14-11-2018.
9. Basic Electronic Devices and Circuit Project Competition: IIT-JU, 22-11-2018.

### **IEEE JnU STUDENT BRANCH**

1. Seminar on Research Paper Writing Using LaTeX: Jagannath University, 19th November, 2018.

### **IEEE MBSTU STUDENT BRANCH**

1. Workshop on "Junior Programming Contest-Science Olympiad 2018, Tangail": Bindu Basini Govt. Boys' High School, Tangail – Bangladesh, 07th September 2018, Hosted by- IEEE Student Branch, MBSTU.

### **IEEE MIST STUDENT BRANCH**

1. A session on Power Sector of Bangladesh and It's Employment Opportunities: 14th august, 2018.
2. Inter University Project Competition: 14th September, 2018, Co-Host: EECE Dept. of MIST.

### **IEEE NSU STUDENT BRANCH**

1. Seminar on "Securing Critical Infrastructure": North South University – Bangladesh, 9th July 2018, Co-hosts: IEEE IAS SBC, NSU.
2. IEEE Student Professional Awareness Conference (SPAC): North South University – Bangladesh, 27th July 2018, Co-hosts: IEEE BDS, IEEE BDS SAC, IEEE YP BDS.
3. IEEE NSU SB Tech Talks: North South University – Bangladesh, 4th August 2018.
4. IEEE Day 2018: NSU: North South University – Bangladesh, 1st October 2018, Co-host: IEEE CS NSU SBC, IEEE WIE AG SB NSU, IEEE IAS NSU SBC and IEEE RAS NSU SBC.
5. Workshop on "Mobile Application Development (IEEEmadW)": North South University – Bangladesh, 7th October 2018.
6. Graphics Design for Women in Engineering: American International University – Bangladesh, 15th October 2018, Co-host: IEEE AIUB Student Branch WIE Affinity Group.
7. Workshop on "Cybersecurity and RoboCamp": North South University – Bangladesh, 1st November 2018, Co-host: IEEE BDS SAC, Japan-Bangladesh Robotics and Advanced Technology Research Center, BUGS BD and Dept. of ECE, NSU.
8. Workshop on "User Centered Design": North South University – Bangladesh, 17th November 2018.
9. Workshop on "Mobile Application Development": North South University – Bangladesh, 23rd November 2018.

### **IEEE PUST STUDENT BRANCH**

1. Seminar on IELTS: EEE Department ,PUST, 11-09-2018.
2. Outreach Program (For School Students): V,S,A high school, Vayat, Tarash,Sirajgonj, 29-09-2018.
3. Modern Automation & Control Technology(PLC,SCADA,DCS): Gallery 02, PUST, 05-10-2018.

### **IEEE RUET STUDENT BRANCH**

1. Workshop on Power Electronics: ECE Seminar Room, RUET. Date: 9th November 2018.  
Co-Hosts: IEEE Bangladesh Section SAC & IEEE YP Bangladesh Chapter.
2. Workshop on IoT in Robotics: ECE Seminar Room, RUET. Date: 8th November 2018.  
Co-Hosts: IEEE Bangladesh Section Robotics & Automation Society.
3. Celebration of IEEE Day 2018: ECE Seminar Room, RUET. Date: 9th October 2018.
4. 9th Anniversary Celebration of IEEE RUET Student Branch: ECE Seminar Room, RUET. Date: 18th September 2018.
5. The Ultimate Innovator Hunt: ECE Seminar Room, RUET. Date: 13th July 2018.

### **IEEE STUDENT BRANCH DHAKA UNIVERSITY:**

1. Workshop on IoT: FAB Lab, DU. Date: 25th July 2018. Co-host: FAB Lab, DU.
2. Motivational Seminar entitled "Believing in You": Department of EEE, DU. Date: 26th July 2018. Co-host: Electrical and Electronic Club, DU.
3. Seminar on Nanotechnology: VLSI Lab, DU. Date: 24th July 2018. Co-host: Department of Electrical and Electronic Engineering, DU.
4. Seminar on "Higher Studies in USA: journey to Princeton University": Room 201, department of EEE, DU.
5. Workshop on Database Management: Room 304, FAB Lab DU. Date: 14th August 2018. Co-host: FAB Lab, DU.
6. International Conf on Material Science and Semiconductor Devices 2018: Nawab Ali Chowdhury Senate Building, DU. Date: 7th-8th September 2018. Co-host: FAB Lab, DU and Department of EEE, DU.
7. Workshop on Research Methodology and Thesis/Paper Writing: room 208, Department of EEE, DU. Date: 24th September 2018.
8. Outreach Program: Udayan Higher Secondary School and College. Date: 4th October 2018. Co-host: FAB Lab, DU.
9. IEEE DAY Celebration 2018 and WIE AG SB DU Anniversary Celebration: Curzon Hall, DU. Date: 10th October 2018. Co-host: IEEE WIE AG SB DU, IEEE RAS Student Branch Chapter DU and IEEE CS Student Branch Chapter DU.
10. FAB Fest 2018: Nawab Ali Chowdhury Senate Building, DU. Date: 10th November 2018. Co-host: FAB Lab, DU and Electrical and Electronics Club, DU.
11. 3rd Student Conference on Science and Engineering: Department of EEE, DU. Date: 24th November 2018. Co-host: Dhaka University Science Society.



### **IEEE STUDENT BRANCH (KUET)**

1. IEEE DAY 2018 Celebration: KUET. Date: 10th October 2018.
2. IEEE TISP (Teachers in Service Program) Workshop: KUET. Date: 12th November 2018. Co-host: IEEE Bangladesh Section.

### **IEEE UIU STUDENT BRANCH**

1. A Career Workshop on English Language: Room No. 126, UIU Permanent Campus. Date: 15 July 2018. Co-Hosts: iCenter Education, Bangladesh
2. IEEE UIU SB Orientation Program 2018 (Half-Yearly Membership): Multipurpose Hall, UIU Permanent Campus. Date: 05 September 2018.
3. Seminar on VLSI Development in Bangladesh: Multipurpose Hall, UIU Permanent Campus. Date: 23 September 2018. Co-Hosts: Department of EEE, UIU
4. IEEE Member Recruitment Fall 2018 (Full Year Membership): UIU Permanent Campus. Date: 14 October to 23 October 2018.
5. IEEE Day 2018: UIU Permanent Campus. Date: 14 October 2018.

### **IEEE ULAB STUDENT BRANCH**

1. C programming Class: ULAB B Campus Room 306. Date: 26th July 2018 (Each Thursday).
2. Let's Talk Session: ULAB B Campus Room 505. Date: 30th August 2018.
3. IEEE MadC Awareness Session: ULAB B Campus Room 306,305. Date: 9th September 2018.
4. ULAB Hackathon - 01: ULAB B Campus Room 306,305. Date: 9th September 2018.
5. PC Building Workshop: ULAB B Campus, Seminar Room. Date: 17th October 2018. Co-Host: Gigabyte Technologies.
6. Video Presentation Contest: Online Submission. Date: 12th October 2018.
7. Graphics Designing Workshop: ULAB A Campus, Room 301. Date: 1st November 2018

### **IEEE UAP STUDENT BRANCH**

1. IEEE DAY Celebration 2018: UAP Campus. Date: 15th October 2018. Co-host: IEEE UAP WIE AG.

### **IEEE STAMFORD UNIVERSITY STUDENT BRANCH**

1. Workshop on Pure Sine wave Inverter: MCL-A, Stamford University Bangladesh. Date: 4th October 2018. Co-host: IEEE Young Professionals.
2. Seminar on IEEE Xtreme & IEEE MADC: Auditorium, Stamford University Bangladesh. Date: 24th September 2018.

### **IEEE DIU STUDENT BRANCH**

1. Seminar on "application process and pursuing higher study in abroad": room 102, CSE Building, DIU. Date: 2nd August 2018.
2. IEEE DAY Celebration 2018: Milonayoton71, DIU. Date: 17th October 2018. Co-host: IEEE Computer Society Bangladesh Chapter.
3. Member Recruitment Campaign: DIU Campus. Date: 19th -28th October 2018.
4. Seminar on Higher Study in Abroad and Opening DIU GRE Club: Auditorium, DIU. Date: 22nd September 2018.

### **IEEE EU STUDENT BRANCH**

1. IEEE DAY 2018: Seminar room, building 2, EU. Date: 30th October 2018.

## **IEEE LEADING UNIVERSITY STUDENT BRANCH**

1. Seminar on Networking Systems: Gallery 1, Leading University. Date: 29th September 2018.

## **IEEE SUST STUDENT BRANCH**

1. Seminar on A to Z of higher study abroad: Mini Auditorium, SUST. Date: 7th July 2018. Co-host: GDN SUST - Graduate Development Network SUST and Higher Studies Abroad-HSA.
2. Seminar on "Introduction to Nano Fabrication Technology": Gallery-1 of IICT Building, SUST. Date: 22nd July 2018.
3. Workshop on Raspberry PI: IICT Building, SUST. Date: 11th August 2018.
4. Open Seminar on Embedded Systems and Interfacing: Gallery 1, IICT Building, SUST. Date: 29th September 2018. Co-host: IEEE Young Professionals Bangladesh and IEEE Bangladesh Section Student Activities Committee.
5. Seminar on "Getting IEEE Computer Society Membership: Benefits and Opportunities": Gallery 2, IICT, SUST. Date: 19th November 2018.



## AWARDS AND ACCOMPLISHMENTS

### 1. IEEE MGA Outstanding Large Section Award 2018 (IEEE Bangladesh Section)





**2. Honorable Mention for the 2017 IEEE Women in Engineering Student Branch Affinity Group of the Year (IEEE BUET WIE SB AG )**



**3. MGA Larry K. Wilson Regional Student Activities Award for 2017  
(Winner: Anindo Saha)**





#### 4. Outstanding Branch Counselor Award for 2017 (Winner: Dr. M Tanseer Ali)



#### 5. 2018 R10 Young Professionals Affinity Group Award (IEEE Bangladesh Section Young Professionals Affinity Group)



**6. Region 10 Exemplary Student Branch award for 2017-18  
(winner: IEEE NSU Student Branch)**



**7. 2018 R10 WIE Student Branch Affinity Group Award  
(Winner: IEEE WIE Student Branch AG, BUET)**





**8. R10 Student Activities Committee Best Student Volunteer Award 2018  
(Winner: Abhijit Biswas)**



**9. Region 10 Exemplary Student Branch Award for 2016-17  
Winner: IEEE AIUB Student Branch**



**10. 1st Place in IEEE Region 10 SYWL Congress Info graphics competition 2018**  
**Winner: Moin Uddin**



**11. 2nd Place in IEEE Region 10 SYWL Congress Info graphics competition 2018**  
**Winner: Kimia Tuz Zaman, Sakib Ahmed, Jahidul Islam, Wordh Ul Hasan**





**12. 2nd place in “Living in the Future” Competition  
Winner: Wordh Ul Hasan**



**13. Honorable Mention in WIE Best Event Poster Competition  
Winner: IEEE Bangladesh Section WIE Affinity Group**





Celebrating



**2018 MGA Outstanding  
Large Section Award**



**2018 Outstanding Section Membership  
Recruitment and Retention Performance**

**Bangladesh Section**



**2018 Outstanding Section Membership  
Retention Performance**

**Bangladesh Section**