



WIE Newsletter


IEEE WOMEN IN ENGINEERING NEWSLETTER

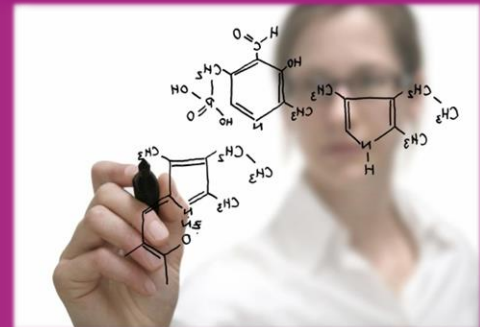
Issue: 2016

MEET

BUET WIE Student Branch Affinity Group



BREAK
THE STEREOTYPE
BE A ROLE MODEL

WOMEN
IN
SCIENCE + TECHNOLOGY + ENGINEERING + MATHEMATICS



MESSAGE FROM FACULTY ADVISOR



It is my privilege to be part of the WIE newsletter published by the BUET WIE Student Branch Affinity Group featuring their activities in 2016.

The activities featured here are highly aligned with the theme of the group, which is to inspire, engage, encourage, and empower women engineers, scientists, and young professionals in Bangladesh. These activities created a wide platform to discuss and exchange ideas and experiences among all, which will definitely help the women engineers in streamlining the role of them in the development of the technical society around.

This newsletter is an effort to showcase IEEE women's achievements in Male-dominated Engineering profession in Bangladesh.

It is my honour to thank all the members and volunteers for their hard work in publishing such an informative newsletter.

Celia Shahnaz

Celia Shahnaz, Ph.D.
Advisor, WIE Affinity Group, IEEE Bangladesh Section
&
Professor, Dept. of EEE, BUET, Dhaka, Bangladesh



WE BREAK THE STEREOTYPE

MESSAGE FROM BRANCH CHAIR



The year 2016 was without a doubt a turning point of my life. This year, a new part of me was revealed in the course of my journey with BUET WIE Student Branch Affinity Group. There had been quite an emerging figure of potential youngsters and it was just a matter of time for the evolution of such a diligent group. It is exemplary how they have managed to do so many efficacious activities within a very short time. The massive number of participants in every event has been our inspiration. None of these would have been possible without the impeccable leadership of our dearest faculty advisor, Dr. Celia Shahnaz, who has been the Paragon of the revolution for not only the female engineers but also every person who got the chance to encounter with her. This year, BUET WIE Student Branch Affinity Group has emerged even more with their progressive accomplishments.

I wish them all the best.

A handwritten signature in black ink, appearing to read 'Farshina' with a long, sweeping underline.

Farshina Nazrul
Chair
BUET WIE Student Branch Affinity Group



EXECUTIVE COMMITTEE 2016

CHAIR: Farshina Nazrul



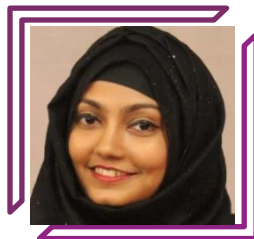
VICE CHAIR: Homeira Islam and Zahra Zahin



SECRETARY: Shaila Niazi, Jannatul Afza and Sadia Rahman



TREASURER: Nusrat Jahan, Musharrat Sabah, Saraf Mahnaz



ACTIVITIES OF BUET WIE STUDENT BRANCH AFFINITY GROUP IN 2016

1. ROBOTUTOR: WORKSHOP ON LINE FOLLOWING ROBOT



Dr. Celia Shahnaz with instructors and volunteers

On May 26, 2016, a Robotics Workshop, organized by BUET WIE Student Branch Affinity Group in collaboration with IEEE Bangladesh Section and WIE Affinity Group, IEEE Bangladesh Section, was held at ECE Building, BUET. The workshop was moderated by Dr. Celia Shahnaz, Professor, Department of EEE, BUET and honorable founder of WIE Affinity Group, IEEE Bangladesh Section.

The goal of this workshop was to give brief information about the implementation of PID algorithm for making a perfect Line Follower Robot (LFR). It covered various aspects of Robotics- basics of Arduino, understanding the Line Follower and making the Line Follower Robot.



Super interactive mentoring

The instructors were Shimanto Chowdhury, Nael Mizanur Rahman and Shariful Islam Foysal- members of "AC~DC Labs", 1st Runner-up at iARC-2015, Champion of Formula R v2.0 and winners of various local robotics competition.



Participants running their self-made LFRs

A total of 18 participants, including 14 IEEE members, from various universities, eagerly attended this workshop. All the participants were provided with full Line Follower Robotics kit that included Arduino, sensor array, motors, motor driver, chassis and connectors. The first session covered the basics where participants could derive elementary knowledge of robotic operation. In the final session, they developed and ran their own line follower robots using given set of software and kit tools under the guidance of the instructors.



Group photo of participants, instructors and volunteers

At the ending of this successful program, all the participants received electronic certificates and most importantly, inspiration for future to roam about in the world of robotics with great enthusiasm!

2. WORKSHOP ON PCB DESIGNING AND PROTOTYPING



Group photo of participants with instructors and volunteers

On September 22, 2016, a workshop on PCB Designing and Prototyping was organized by BUET WIE Student Branch Affinity Group in collaboration with IEEE BUET Student Branch at ECE Building, BUET. The workshop was conducted by Shuvangkar Chandra Das, Chairperson of IEEE BUET Student Branch, and Rakibul Islam Chowdhury, Vice Chairperson of IEEE BUET Student Branch.



Instructor, Shuvangkar Chandra Das delivering lecture to participants

This was, by far, the biggest workshop conducted by both IEEE BUET SB and BUET WIE SB AG with a record number of 208 participants. The participants were undergraduate students from various universities and many alumni members of BUET.



A good number of female participants attended the workshop

The workshop was conducted in three sessions in which the participants learnt about the basics of PCB design and proceeded to the application of the theory on a design project.



Honorable faculties during the concluding session

The workshop was concluded by some inspiring words from Mr. Arnab Bhattacharjee, Lecturer, Department of EEE, BUET and Mr. Asir Intisar Khan, Lecturer, Department of EEE, BUET.

Both the instructors and the participants enjoyed such a motivating workshop. The knowledge and skills acquired from the workshop will help the participants in future projects involving electronic devices and embedded systems. Last but not the least, we would like to thank our enthusiastic volunteers for their hard work and dedication.

3. CELEBRATION OF IEEE DAY 2016: LEVERAGING TECHNOLOGY FOR A BETTER TOMORROW



Official Group Photo

On October 4, 2016, BUET WIE Student Branch Affinity Group, in collaboration with IEEE Bangladesh Section and WIE Affinity Group, IEEE Bangladesh Section, celebrated IEEE Day 2016. The event, held at ECE Building, BUET, was moderated by Dr. Celia Shahnaz, Professor, Department of EEE, BUET and WIE Coordinator, IEEE Region10. IEEE Day marks the celebration of a historic event. On this day, in 1884, engineers worldwide met for the first time in history and IEEE members gathered to share their technical ideas. The theme for this day is: **‘Leveraging Technology for a Better Tomorrow’**.



Placards and Banners of IEEE Day

After the distribution of the ‘IEEE Day 2016’ t-shirts, the event was inaugurated by Dr. Quazi Deen Md. Khosru, Professor and Head, Department of EEE, BUET; Dr. Shaikh Anwarul Fattah, Professor, Department of EEE, BUET and Chair, IEEE Bangladesh Section; and Mr. Yeasir Arafat, Assistant Professor, Department of EEE, BUET and Vice Chair (Activity), IEEE Bangladesh Section. There was an official photo session, followed by a cake cutting ceremony.



Cake Cutting Ceremony

Afterwards, a technical talk by the invited speaker, Ms. Aparajita Goswami, Deputy General Manager, Grameenphone, was held. Her talk focused on ways of enhancing skills for career development and brighter future.



The Technical Talk



Ms. Samantha Lubaba Noor presenting crest of appreciation to Ms. Aparajita Goswami

The R10 WIE Section Affinity Group Award 2016, won by IEEE Bangladesh Section WIE Affinity Group, was presented to Ms. Samantha Lubaba Noor, Chair, WIE Affinity Group, IEEE Bangladesh Section. Later, there was a presentation on IEEE BUET Student Branch Activities. The ceremony was concluded by an inspirational and motivational speech by Dr. Celia Shahnaz.

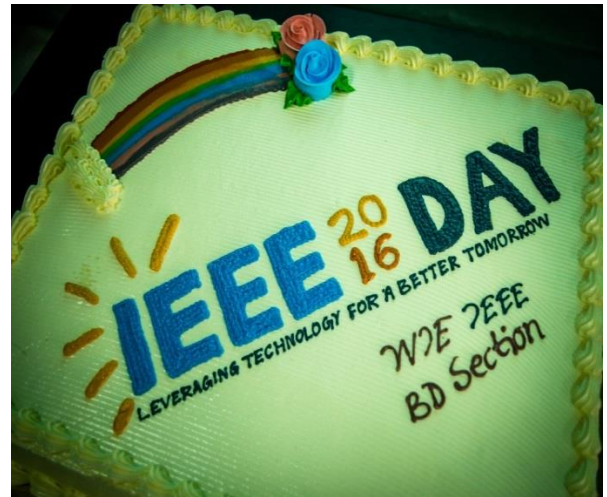


Ms. Samantha Lubaba Noor with R10 WIE Section Affinity Group Award 2016



Dr. Celia Shahnaz during closing ceremony

It was overwhelming to see the response of the participants, which proved to be a grand success for WIE Affinity Group, IEEE BUET Student Branch. We express our utmost gratitude to the esteemed guests for their valuable contribution from their busy schedule and to the volunteers for their hard work.



IEEE DAY 2016 cake

4. WORKSHOP ON GRAPHIC DESIGN



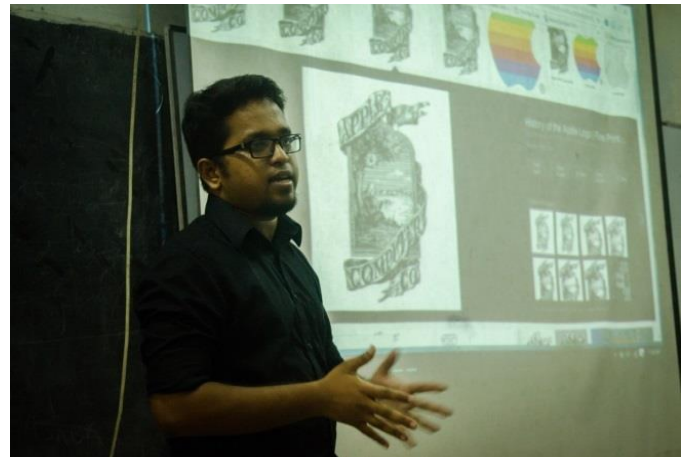
Poster of Graphic Design Workshop

A workshop on graphic designing was held on October 6, 2016 at ECE building in BUET jointly organized by BUET WIE Student Branch Affinity Group and IEEE BUET Student Branch. The goal of this workshop was to develop the basics of graphic designing so that participants could get acquainted with this engrossing field and manuals of running some software for this purpose.



Participation of huge number of girls in the workshop was impressive

This long awaited workshop got huge response from students of different universities. Despite the unfavorable weather conditions, 107 participants joined this workshop on the scheduled time. Two professional motion graphic designers and entrepreneurs- Zafir Shafiee Chowdhury and Maruf Raihan conducted this workshop as instructors.



Instructor Zafir Shafiee during the workshop

The workshop was run from 8 am to 3 pm in two sessions. In the first session, instructors introduced to the participants the visual theme of graphics and basics of two software tools- Adobe Photoshop and Adobe Illustrator. In the second session, the participants could manage to do some basic designs using that software under the guidance of the instructors.



Instructor Maruf Raihan receiving the certificate of appreciation from Farshina Nazrul, Chair, BUET WIE SB AG

Volunteers from BUET WIE SB AG worked enthusiastically for this workshop from morning to afternoon and helped the participants from registration, meal distribution to software installation and setup. Both instructors and participants enjoyed such a workshop that paved the way of roaming around the world of graphics.



Participants with instructors and volunteers of BUET WIE SB AG

At the end of the workshop, all the participants were given certificates of participation as memorials and inspirations. The instructors were also given certificates and crests as an appreciation to their enormous effort. At the end of the day, the workshop was a successful one, which encouraged all of the impressed participants to explore more and develop their personal skills of graphic designing.

5. INDUSTRIAL VISIT TO ENERGYPAC ENGINEERING LTD.

On October 13, 2016, WIE Affinity Group, IEEE BUET Student Branch in association with WIE Affinity Group, IEEE Bangladesh Section and IEEE BUET Student Branch, organized an industrial visit to Energypac Engineering Ltd., Savar. This visit was a part of the celebration of IEEE Day 2016. With a total number of 23 participants, consisting of 20 IEEE members, the tour was accompanied by Ms. Shoilie Chakma, Lecturer, Department of EEE, BUET.



Group photo of all participants

With an aim to go beyond academics, such industrial tours gave the students firsthand information regarding functioning and real working environment of industry. Along with that, it provided an opportunity to plan, organize and engage in active learning experiences both inside and outside the classroom. Moreover, it helped them see their future place in the working world by giving them exposure to current work practices.

The participants were first briefed about the various products like power transformer, distribution transformer, instrument transformer, switchgear and control panels, vacuum circuit breakers etc. manufactured at Energypac. They were later escorted to the manufacturing plants and testing labs. These provided the students an opportunity to learn practically through interaction, working methods and employment practices.



Transformer manufactured at Energypac

The visit was concluded with lunch and question and answer session. The participants found the visit very informative and interesting. Overall, it proved to be a successful one, supervised by Dr. Celia Shahnaz, Professor, Department of EEE, BUET and Faculty Advisor, BUET WIE SB AG and acknowledged by Ms. Samantha Lubaba Noor, Chair, WIE Affinity Group, IEEE Bangladesh Section and Ms. Anamika Bhakta, Treasurer, WIE Affinity Group, IEEE Bangladesh Section. We express our utmost gratitude to the officials at Energypac for explaining the various operations at the industry.



Participants with the IEEE Day 2016 banner

6. TECHNICAL TALK BY DR. MD. ZUNAID BATEN

On October 26, 2016, 'Technical Talk by Dr. Md. Zunaid Baten' was organized BUET WIE Student Branch Affinity Group at ECE Building, BUET. The topic was 'III-V Semiconductors for Optoelectronic and Spintronic Applications: An Experimental Overview'.

Dr. Md. Zunaid Baten is an Assistant Professor of the Department of Electrical and Electronic Engineering (EEE), Bangladesh University of Engineering and Technology (BUET). He completed his PhD studies in 2016 in the Electrical Engineering and Computer Science Department of the University of Michigan, Ann Arbor, USA under the supervision of Pallab Bhattacharya.

His current research interests lie in the areas of solid-state physics and electronics, novel electronic and optoelectronic devices, quantum physics and nanotechnology. He has also conducted some research on the renewable energy scenario and cellular communication based road safety in Bangladesh during the early stage of his career.

This talk was intended for undergraduate students interested in pursuing higher studies home or abroad under similar research topics. Dr. Md. Zunaid Baten started the talk with a brief introduction about himself. Then he proceeded further into the topic and briefed about its future prospects. Throughout the talk, he had maintained an informal setting to get the students familiar with graduate research.



The participants with Dr. Md. Zunaid Baten and Dr. Celia Shahnaz

The total number of participants in this talk was 76, including 8 permanent faculties of Department of EEE, BUET and 45 female students. The participants enjoyed the access of information and introductory knowledge over the vast research areas in an amiable atmosphere. The eagerness to learn more and the patience that they showed were motivating. We express our utmost gratitude to Dr. Md. Zunaid Baten for his valuable contribution despite his busy schedule. We would also like to thank the faculties who enthusiastically attended the talk. Last, but not the least, a cheer up for the volunteers for their hard work and dedication.

7. CREATIVITY, INNOVATION TO WOMEN ENTREPRENEURSHIP



Group photo of all participants with honourable guests, faculties and WIE officials

BUET WIE Student Branch Affinity Group in association with WIE Affinity Group, IEEE Bangladesh Section organized "Creativity, Innovation to Women Entrepreneurship" that was held on October 28, 2016 at BUET. 33 exclusively selected women members, among whom, 15 were IEEE members, attended the program.



Ms. Sonia Bashir Kabir during her session

The first session was a professional talk which was followed by interactive question-answer session. Ms. Sonia Bashir Kabir, Managing Director of Microsoft Bangladesh, shared her successful story of career development, entrepreneurship and described the challenges of the society that she had to overcome as a woman while entering the highly challenging corporate world.

Followed by this was a training session by Planetars BD where Ms. Rini Ehsan Khushboo, CEO of Planetars BD shared her experience in entrepreneurship- how she created a place for her in growth enterprises and how, as a woman entrepreneur, she got coverage from media and exhibit her products.

After lunch break, there was an idea generation session where the participants discussed and made plans on how they could start their own enterprise, which type of challenge they might face, how they could overcome those problems and what steps they need to take to encourage women in entrepreneurship.

In the afternoon, the participants, guided by a faculty of Department of EEE, BUET visited BUET Power Plant and derived general idea about power generation process. In the evening, the program ended with closing ceremony by Dr. Celia Shahnaz, Professor, Department of EEE, BUET and WIE Coordinator, IEEE R10; Ms. Anamika Bhakta, Treasurer, WIE Affinity Group, IEEE Bangladesh Section and Ms. Samantha Lubaba Noor, Chair, WIE Affinity Group, IEEE Bangladesh Section. The two speakers were given awards of appreciation. The members of BUET WIE SB AG volunteered with dedication and passion to make this event an excellent one for the participants.



Ms. Anamika Bhakta presenting the award of appreciation to Ms. Rini Ehsan Khushboo

8. IEEE R10 INNOVATION WORKSHOP (TENNINOW)



Group photo of participants with instructors and WIE members

On November 3, 2016, BUET WIE Student Branch Affinity Group and WIE Affinity Group, IEEE Bangladesh Section, organized a workshop titled 'IEEE R10 Innovation Workshop (TENNINOW)' at ECE Building, BUET. The total number of participants was 30 and all of them were female IEEE members. Mr. Sundeendra Koushik and Ms. Pragya Dixit came all the way from Bangalore, India to conduct the workshop.

Mr. Sundeendra Koushik has completed his PhD on innovation. He has 24 years of international experience in product innovation and development and more than 20 national and international patents in various stages. He is a key note speaker, writer and evangelist of MIT emerging technologies conference. He was awarded Karnataka state innovation council award, HCL excellence award, Sir MV award and so on. Currently he is working as the Vice Chair of IEEE Bangalore Section and Co-Chair of Innovation Committee of IEEE Asia-Pacific. He is also a Trainer and Educationist Entrepreneur, Co-founder of Prasu and Anya.

Ms. Pragya Dixit, on the other hand, has completed her PhD on Entrepreneurship and is a highly successful serial Entrepreneur, Educationist and noted speaker. Prior to and in-between her entrepreneurship career, she also worked as a Professor in Entrepreneurship. She is the Founder of Heritage and Co-founder of Prasu and Anya. She is a well-known speaker in various forums including IEEE, PMI, etc.



Interactive session among instructors and participants

Although innovation differs among individuals and cannot be taught, there are some common skills which can be practiced in a particular way to become innovative. This is what the workshop aimed for. Besides, it focused on Intrapreneurship and Entrepreneurship for Women Career Management.



Motivating session by Mr. Sundeendra Koushik

The speakers first shared about their experiences in innovation and entrepreneurship, the barriers they had to face in their careers and how the barriers were overcome. Their words were highly motivating and inspiring, and encouraged all the participants to work hard and find out the true passion among them. The sessions were highly interactive and helpful for developing interpersonal skills.



Dr. Celia Shahnaz, WIE Coordinator, IEEE R10 along with other members of WIE committee awarding crest of appreciation to Ms. Pragya Dixit

The workshop was concluded after displaying some video clips on innovation, self-confidence and courage. Both the instructors and the participants enjoyed the workshop. The knowledge and skills acquired from the workshop will motivate the participants to be more innovative and stretch the existing boundaries to achieve their desired goal.

We express our utmost gratitude to Ms. Pragya Dixit, Mr. Sundeendra Koushik and Dr. Celia Shahnaz, Professor, Department of EEE, BUET and WIE Coordinator, IEEE R10. Last but not the least, volunteers of WIE Affinity Group showed their tremendous effort and dedication to make this event successful.

9. EEE DAY 2016 CAREER EXPO



Group photo of participants with honourable guest speakers

Work! Job! Career! – These are the things that all students dread and worry about sometime after the halfway of university life till the very end. Keeping that in mind, Department of EEE, BUET in collaboration with BUET WIE Student Branch Affinity Group and IEEE BUET Student Branch organized a “Career Expo” on the occasion of EEE Day 2016. It was mainly a technical talk held on December 1, which had lasted for 2.5 hours from 11:30 to 2:00 pm. It covered discussions about career opportunities for Electrical and Electronic Engineers featuring distinguished guests from various industries.



Mr. Mohammad Abdullah Al Sohel presenting the crest of appreciation to Ms. Tanzim Faruque Aditi

This event came out as very successful one as both the speakers and participants were enthusiastic and dedicated with their individual contribution and spontaneity. Mr. Mohammad Abdullah Al Sohel, Lecturer, Dept. of EEE, BUET took the lead of the event where Ms. Shoilie Chakma, Lecturer, Department of EEE, BUET stretched out continuous co-operation and supervision. Dr. Celia Shehnaz, Professor, Department of EEE, BUET and Counselor, BUET WIE SB AG moderated the whole event. Without her kind supervision it would not be possible to arrange such a grand and constructive event.

10. INDUSTRIAL TOUR TO NATIONAL LOAD DISPATCH CENTRE

On December 8, 2016, BUET WIE Student Branch Affinity group organized an industrial tour to National Load Dispatch Centre (NLDC), situated in Aftabnagar, Dhaka. The tour was guided by Mr. Arnab Bhattacharjee, Lecturer, Department of EEE, BUET. A total of 23 students participated in this tour.



Group photo of all participants

NLDC is a restricted area from where power supply around the whole country is moderated and regulated by digitalized system. Through this visit, all the participants got to have practical knowledge about power transmission and control system.

The students were first briefed about the overview of power transmission system and the role of Power Grid Company of Bangladesh (PGCB) and National Load Dispatch Centre. Afterwards, the participants got the golden opportunity to take a visit through the restricted system of NLDC. They were amazed to see the digital board where all the power plants and connection system are shown and updated in real-time. The integrated operation of regional power systems –totally based on software and optical communication system was highly mind-captivating.

The tour was concluded after an official group photo session. The participants found this tour both educative and refreshing. Dr. Celia Shehnaz, Professor, Department of EEE, BUET and WIE Coordinator, IEEE Region 10 moderated and paved the way of such an illuminative tour for students.

11. WORKSHOP ON SIMULINK

On December 15, 2016, a workshop titled ‘Workshop on Simulink’ was organized BUET WIE Student Branch Affinity Group at ECE Building, BUET. The workshop was conducted by Mr. Asir Intisar Khan, Lecturer, Department of EEE, BUET and Mr. Mohammad Tariqul Islam, Lecturer, Department of EEE, BUET.

Simulink is a block diagram environment for multidomain simulation and Model-Based Design. It supports simulation, automatic code generation, and continuous test and verification of embedded systems. Simulink provides a graphical editor, customizable block libraries, and solvers for modeling and simulating dynamic systems. It is integrated with MATLAB, enabling you to incorporate MATLAB algorithms into models and export simulation results to MATLAB for further analysis. Engineers everywhere use Simulink to get their ideas off the ground, including reducing fuel emissions, developing safety-critical autopilot software, and designing wireless LTE systems.

The workshop was conducted in three sessions. The first two sessions were conducted by Mr. Asir Intisar Khan in which the participants learnt about the basics of Simulink and proceeded to its application on a design project. In the third and final session, Mr. Mohammad Tariqul Islam showed the use of Simulink in drawing single line diagrams of power systems and how it can be used as an alternative to the rather rigorous software, CYME PSAF.

We would not forget to thank our appreciative participants without whom this workshop holds no meaning. The eagerness to learn more and the patience that they showed were motivating. Both the instructors and the participants enjoyed such a motivating workshop. The knowledge and skills acquired from the workshop will help the participants in control system projects, thesis, research and animation. Last but not the least, we would like to thank our enthusiastic volunteers for their hard work and dedication.

MEMBERS' PARTICIPATION THROUGHOUT THE YEAR, 2016



MEMBER'S MEETING



FAREWELL TO THE GRADUATING EXECUTIVE
COMMITTEE MEMEBRS



WE BREAK THE STEREOTYPE



MEMBER'S CELEBRATION



IEEE BUET STUDENT BRANCH MEMBER'S
CONVENTION 2016

WE BREAK THE STEREOTYPE





**IEEE Bangladesh Section Annual Awards Night 2015 & 2016 and
Annual Dinner 2016**



**IEEE R10 SAC Chair, Counselors and Mentors Meet
2016**



**IEEE Bangladesh Section SYW Congress
2016**



**INAUGURATION CEREMONY of WIE SBs in IEEE Bangladesh Section
AND LAUNCHING of All Bangladesh IEEE, WIE SB AG Network**



IEEE BDS SYWC 2016

BLAZING OUR OWN TRAIL

IEEE BUET WIE STUDENT BRANCH AFFINITY GROUP

Khandker Sadia Rahman, Secretary, BUET WIE SB AG; Zahra Zahin, Vice Chair, BUET WIE SB AG; ieee.wie.buet.branch@gmail.com;

BUET WIE SB AG Overview

BUET WIE Student Branch Affinity Group under Women in Engineering Affinity Group, IEEE Bangladesh Section and IEEE Region 10 (R10) has a large family of 315 active members. Various programs are conducted at the BUET campus by the BUET WIE SB AG, which includes TechTalk, Workshops, Seminars, Industrial tours etc.

General Meeting



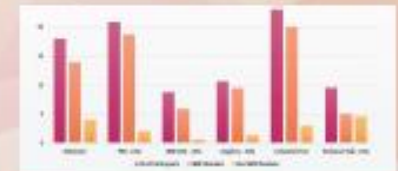
Members Orientation



Inauguration Ceremony



Participation Statistics of Member



Faculty Advisor



Dr. Celis Shahman
Professor
Department of electrical and electronic engineering, BUET
Email: celisshahman@gmail.com
Phone: +88 019 28568547

Executive Committee



Chair: Faridha

Vice Chair: Hossain



Secretary: Shaila



Treasurer: Farhat



Vice Chair: Zahin



Secretary: Afsa



Secretary: Shaila



Treasurer: Muskan



Treasurer: Muskan



IEEE DAY 2016 CELEBRATION

Leveraging Technology for a better tomorrow
In collaboration with WIEA Affinity Group, IEEE Bangladesh Section



Technical Talk on Career Opportunities

Speaker:
Ms. Apurjita Goswami,
Deputy General Manager, Gramophone

Total no. of Participants: 87
WIE members: 58
Non-IEEE Members: 06
Date: 4/10/2016

Industrial Visit to Energypac

Jointly Organized by WIE Bangladesh Section and BUET WIE Student Branch Affinity Group



Total Participants: 23
IEEE members: 20
Non-IEEE members: 03
Date: 13/10/2016

Technical Talk

III-V Semiconductors for Optoelectronic and Spintronic Application
An Experiment of Overview



Speaker: Dr. Zameer Bhat
Total Participants: 95
Female Participants: 50
Male Participants: 45
Date: 26/10/2016

Planned Proposals

Under "Sustainable Engineering Solutions to Combat Social Needs for a Better Bangladesh" initiative Outreach program for pre-university students, to inspire and teach to prepare and build:

- Computer based education and entertainment for autistic child
- Low cost braille printing machine for blind
- Apps for Agriculture information
- Apps for breast cancer awareness
- Apps for women security

Also, we plan to organize:

- Workshop on paper writing
- Technical Talk on Prospects of Power electronics in Bangladesh
- Self-defense workshop
- Career expo
- Technical Talk on GSM Technology to prevent Violence against Women
- Industrial Tour to NLDC
- Inter University Programming Contest

RoboTutor

Workshop on Line Follower Robot
Jointly Organized by WIE Bangladesh Section and BUET WIE Student Branch Affinity Group



Instructor:
Team "AC-DC Labs";
1st Runner-up at IARC-2015, 1st
in Formula R v2.0
Total Participants: 18
IEEE members: 14
Non-IEEE members: 4
Date: 26/9/2016

Workshop on PCB design and Prototyping

Jointly Organized by IEEE BUET Student Branch and BUET WIE Student Branch Affinity Group



Instructor:
Shoungkar Chandra Das, Chairperson
Rahimul Islam Chowdhury, Vice-Chairperson
IEEE BUET Student Branch
Total Participants: 200
IEEE members: 187
Non-IEEE members: 21
Date: 22/9/2016

Workshop on Graphic Design

Jointly Organized by IEEE BUET Student Branch and BUET WIE Student Branch Affinity Group



Instructor:
Maruf Raftan
Zahir Shafiq Chowdhury, Bandarban Tech
Total Participants: 107
WIE members: 94
Female members: 56
Date: 26/10/2016

Creativity, Innovation to Women Entrepreneurship

Jointly Organized by WIE Bangladesh Section and BUET WIE Student Branch Affinity Group



Speaker:
Sonia Bashir Kabir, Managing Director at Microsoft Bangladesh
Rimi Eshan Khushboo, CEO at Planter Ltd
Total Participants: 41
WIE female members: 41
Date: 28/10/2016

EDITORIAL TEAM

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CO-EDITOR & DESIGNER: Khandker Sadia Rahman



CONTRIBUTORS: Rifat Kabir Sharna

