

# **Annual General Meeting- 2020**

**Raihan Ur Rashid**

Secretary (2019), IEEE Bangladesh Section

---

# IEEE Bangladesh Section

---

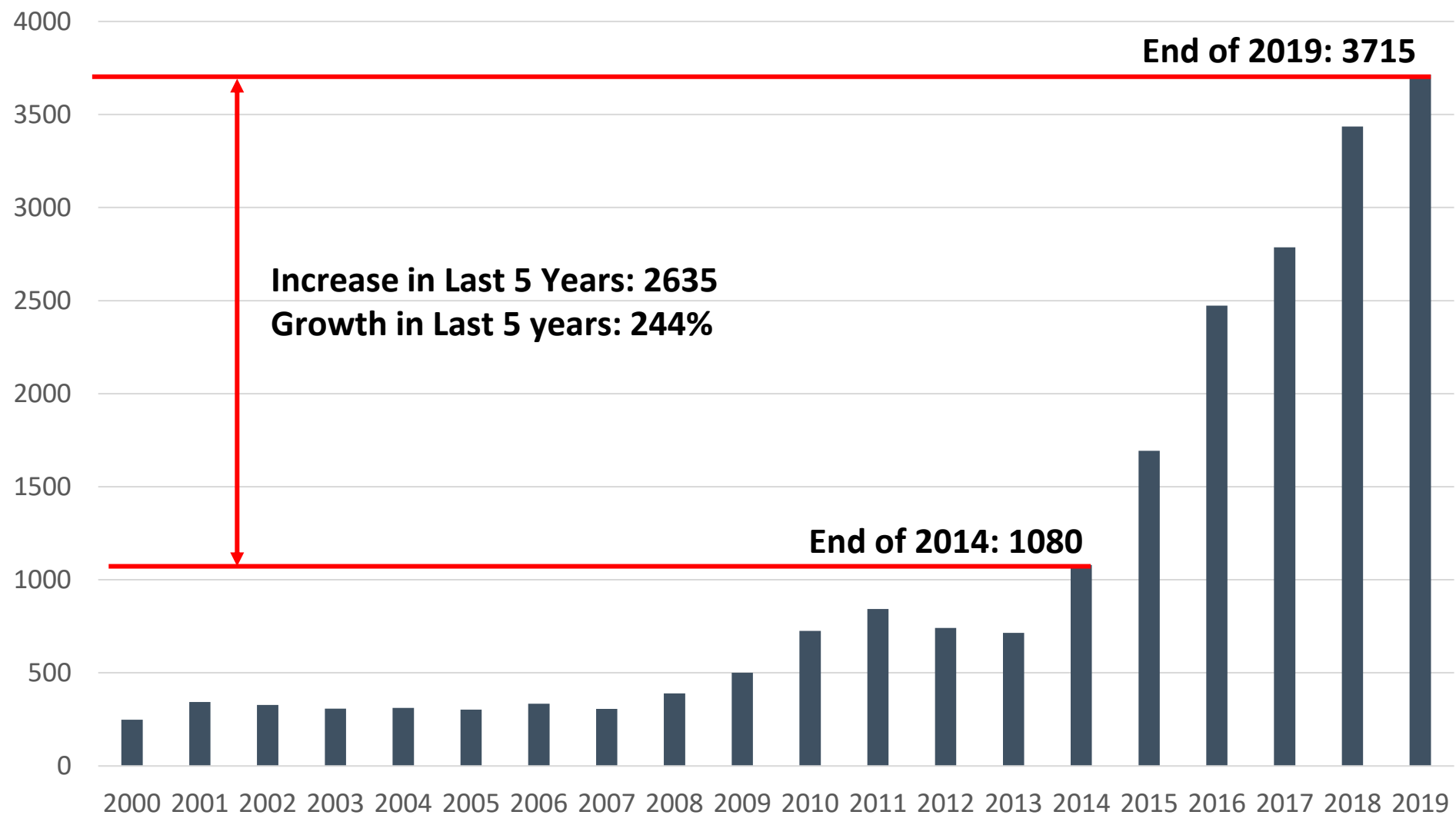
- **Founded in 1993**
- **50 Student Branches**
- **9 Technical Society Chapters**
- **42 Society Student Branch Chapters**
- **2 Affinity Groups (YP, WIE)**
- **3 SIGHT Groups (Section SIGHT Flash, DU SB SIGHT, BRACU SB SIGHT)**

# Membership Status at the end of 2018

Region 10 - No Council	Bangladesh Section	IEEE Grades	Associate Member	48
			Graduate Student Member	228
			Life Member	2
			Life Senior	2
			Member	732
			Senior Member	51
			Student Member	2,370
		Other Grades	Affiliate	2
Total			3,435	

IEEE Grades	Associate Member	49
	Graduate Student Member	280
	Life Member	2
	Life Senior	2
	Member	849
	Senior Member	60
	Student Member	2472
Other Grades	Affiliate	1
Total		3715

# Membership Growth Through the last 20 years



# Awards based on Membership Growth



2019 Outstanding Section Membership  
Recruitment Performance  
Bangladesh Section

## TOP 5 COUNTRIES FOR STUDENT MEMBERS



35,945  
INDIA



26,845  
UNITED STATES



8,664  
CHINA



4,215  
CANADA



2,594  
BANGLADESH

# IEEE Bangladesh Section Activities at a Glance



IEEE Bangladesh Section = 98+  
IEEE YP Bangladesh Section = 8  
IEEE WIE Bangladesh Section = 17

**2019 R10  
Section Incentive Award  
4000 USD**

# TENSYMP 2020



## CALL FOR PAPER

### General Chair

Dr. Celia Shahnaz, BUET

### Technical Program Chair

Dr. Shaikh A. Fattah, BUET

### Finance Chair

Yasir Ararat, BUET

### Publication Chair

Dr. Mohammad Moshikul Hoque, CUET

### Conference Secretary

Raihan Ur Rashid, DU

Abhijit Biswas, BRAC University

S.M.Saiduzzaman, Southeast University

### Web Design & Graphics

Zafir Shafiee Chowdhury, Singularity Ltd.

Md. Tauhidur Rahman, AIUB

Abir Ahsan Akib, BRAC University

IEEE Region 10 Symposium (TENSYP) 2020 will be held on Hotel Pan Pacific Sonargaon Dhaka, Bangladesh from 05 June to 07 June 2020. This is a prestigious flagship technical conference of IEEE Region 10.

The theme of TENSYP 2020 is "Technology for Impactful Sustainable Development" and its aim is to bring together individuals conducting project and research to achieve the United Nation's 17 global Sustainable Development Goals (SDGs) to end poverty, protect the planet and ensure that all people enjoy peace and prosperity.

Prospective authors are invited to submit full paper using online paper submission system. There will be best paper awards and a large number of travel grants. All accepted and presented papers will be submitted to IEEE Xplore® digital library.

The scope of the conference includes but not limited to the following areas:

- Antenna, Microwave & RF Engineering
- AI, Computer Networks, Security & IOT
- Biomedical Eng. & Bioinformatics
- Cloud, Big Data & ICT
- Computer Architecture & Systems
- Computer Vision, Graphics & HCI
- Clean Water and Sanitation
- Climate Change and Environment
- Devices, Materials & Processing
- Electrical Machines & Drives
- Ethics and Societal Impacts of Technology
- Emerging Technologies
- Humanitarian Technology
- Nano & Semiconductor Technology
- Photonic Technologies & Applications
- Power Electronics
- Power System & Renewable Energy
- Robotics, Control & Automation
- Software & Database Systems
- Signal, Image & Video Processing
- Sustainable Consumption and Production
- Technology for Quality Education
- VLSI, Circuits & Systems
- Wireless & Optical Communication
- Sensor Technologies and Applications
- Information Technologies
- Communications and Networks
- Computational Intelligence
- Industrial Applications
- Women Empowerment

## Registration Fees

Category	Local (BDT)	Foreign (US\$)
Non IEEE Member	15,000	375
IEEE Member	12,000	300
Non IEEE Student Member	10,000	250
IEEE Student Member	8,000	200
IEEE Life Member	8,000	200

One registration covers one paper. For each additional paper, 50 US\$ (For local authors 2,000 BDT) will be added to the registration fees listed.

Registration Fees include half day city tour, two lunches, snacks, one banquet dinner, social events, entry to all technical sessions, project presentation and quizzes.

## Important Dates

- Special Session (SS) Proposals: January 15, 2020
- Submission of Regular/SS Papers\*: January 30, 2020
- Notification of Acceptance: March 15, 2020
- Camera Ready Submission: March 30, 2020
- Author Registration: March 30, 2020

## Events

- YP, WIE and Students Events
- Tutorials
- Industry Panels
- IEEE HAC Event

## Partial Travel Grants

A large number of travel grants (50 to 300 USD) are available. Apply during paper submission and get the result during notification of acceptance.

Contact: Prof. Dr. Celia Shahnaz, General Chair, TENSYP 2020, Chair, IEEE Bangladesh Section, [dr.celia.shahnaz@ieee.org](mailto:dr.celia.shahnaz@ieee.org)





# **IEEE Bangladesh Section Administrative Meetings**



# IEEE Bangladesh Section AGM 2019



**January 05, 2019**  
**BUET**

# Monthly Excom Meeting



Date	Number of Excom Attended
IEEEBDS19-x01 26 January, 2019	14
IEEEBDS19-x02 12 February, 2019	5
IEEEBDS19-x03 30 March, 2019	12
IEEEBDS19-x04 25 May, 2019	10
IEEEBDS19-x05 25 July, 2019	8
IEEEBDS19-x06 4 September, 2019	8
IEEEBDS19-x07 5 November, 2019	8
IEEEBDS19-x08 11 November , 2019	5
IEEEBDS19-x09 10 December, 2019	8
IEEEBDS19-x10 11 January, 2020	

# Excom Participation in ExCom Meetings



Position	Percentage
Chair	100%
Vice Chair (Activity )	50%
Vice Chair (Technical)	80%
Secretary	100%
Treasurer	70%
Nomination and Appointment Chair	70%
HAC	
SAC	60%
SSR	0%
Professional Activity Coordinator	
Educational Activity Coordinator	
Industrial Activity Coordinator	
Award Coordinator	40%
Newsletter Editor	
Membership Development	
Publicity Coordinator	
Conference Coordinator	



# **Conferences Organized by IEEE Bangladesh Section**

# IEEE WIECON-ECE 2019



**November 15-16 , 2019**  
**Bangalore, India**

# IEEE BECITHCON 2019



**November 28-30, 2019**  
**FARS Hotel and Resorts**



# IEEE SPICSCON 2019



**November 28-30, 2019**  
**FARS Hotel and Resorts**

# IEEE PEEIACON 2019



**November 29-December 1, 2019**  
**FARS Hotel and Resorts**



# IEEE RAAICON 2019



**November 29-December 1, 2019**  
**FARS Hotel and Resorts**



- **4** Conferences co-located in a single venue
- **124** Total Papers Accepted
- **581** Authors
- **121** Reviewers
- **18** Keynote and Invited Speakers from **10** Different Countries





# IEEE Bangladesh Section Focused Events



# IEEE SPS Funded IEEE SPS Winter School 2019 on Multimodal Signal Processing



Total 70 Participants  
Total 11 Instructors from Industry and  
Academia from 5 different countries

- Malaysia
- India
- USA
- Uruguay
- Bangladesh

**November 28 – December 1, 2019**

**FARS Hotel and Resorts**

# Symposium on Social Implication of Sustainable Technology 2019



5 Speakers from 5 different countries

- USA
- Japan
- China
- Hong Kong
- Bangladesh

**December 1, 2019**

**FARS Hotel and Resorts**

# IEEE Bangladesh Section Industry Forum 2019



- **Mike Foley**, CEO of Grameen Phone
- **Mahtab Uddin Ahmed**, CEO of Robi Axiata Limited
- **Md Oli Ahad**, CEO of Intelligent Machines Limited
- **S M Ashraful Islam**, Vice Chair of eGeneration Ltd
- **Farrukh Imtiaj**, Sr. GM, Summit Communication Ltd.
- **Md. Azmal Huda**, CPTO, bKash Ltd
- **Reduan Hasan Khan**, Head of IoT, Grameen Phone
- **Zafir Shafee Chowdhury**, Director, Bondstein Limited

**November 29, 2019**

**FARS Hotel and Resorts**



# IEEE Global RAS Funded IEEE RAS Hackathon



**November 29, 2019**  
**FARS Hotel and Resorts**

# IEEE HAC Funded Women to Women Empowerment Challenge (W2WEC)



November 30, 2019

FARS Hotel and Resorts





Chief Guest:

**Hosne Ara Begum ndc**

Secretary, Bangladesh Hi-Tech Park Authority

Keynote Speaker:

Romei Li

Chair, Women in Power, IEEE PES

# Smart City Initiatives in Bangladesh



24-25 September 2019

IEB Council Hall, Dhaka





## Honorable Guests:

- Mr. Md. Atiqul Islam, Honorable Mayor of Dhaka North City Corporation
- Dr. Md. Murad Hassan, M.P., Honorable State Minister, Ministry of Information
- Mr. Mohibul Hassan Chowdhury, M.P., Honorable Deputy Minister of Education



## Keynote Speakers:

- Dr. Saifur Rahman, Professor, Department of ECE, Virginia Tech, USA
- Dr. Vincenzo Piuri, Professor, Department of Informatics, University of Milan, Milano, Italy
- Dr. Ramakrishna Kappagantu, IEEE PES Governing Board MAL, IEEE MGA Board Member
- Mr. C N Raghupathi, Sr. Vice President cum India Business Head of Infosys
- Dr. R. Nagaraja, MD-PRDC and PES India Council Chair



Key personnel and representatives from more than 40 government and non-government organizations, institutions, and industries

# Campaign for Smart City in Bangladesh



**Keynote Speaker:**  
Dr. Saifur Rahman,  
President, IEEE PES

**Invited Speaker:**

- Khan Arif Wahid, Prof., University of Saskatchewan, Canada
- Asif Islam Khan, Asst Prof., Georgia Tech. USA

**30th May, 2019**

**Corporate office, Robi Axiata Limited**



# IEEE Bangladesh Section SYWM Congress 2019



**25 December 2019**  
**GP House**

# IEEE Bangladesh Section Award Night and Gala Dinner



25 December 2019

GP House



# R10 EAC Challenge: Engineers Educate Future Engineers (EEFE)



**19 December 2019**  
**Chalaband Government Primary School**

# R10 Funded Individual Benefit Services (IBS): IEEE Student Training Program





# First Regional Conference of We Power – An World Bank Initiative



# Second WePower Forum



IEEE  
Bangladesh  
Section  
WePower  
Track: A  
World Bank  
Initiative at  
ICAEE 2019





# WePower Track at ICASERT: A World Bank Initiative



# IEEE WIE ILS Volunteer Recognition Program



3 August, 2019

Seminar Room, Auditorium Complex, BUET

# IEEE Day Celebration



October 11, 2019  
AUST



# IEEE Bangladesh Section Meet the Media and Iftar



25th May, 2019

Seminar room, BUET Auditorium Complex

# **IEEE Bangladesh Section Vitality Enhancement Event Serise**



1. UIU: July 20, 2019
2. AUST: July 20, 2019
3. IUB: July 27, 2019
4. ISTT: 3 August 2019
5. Stamford: 31 August 2019
6. BUP: 7 September 2019
7. DU: 7 September 2019
8. Uttara University: 7 December 2019
9. Bangladesh University: 15 November 2019
10. NSU: 23 November 2019





# Conferences Co- Sponsored by IEEE Bangladesh Section

# Technically Co-Sponsored Conferences in 2019



- 1) 2nd International Conference on Electrical, Computer and Communication Engineering (ECCE 2019)- CUET
- 2) 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT-2019)- East Wes University
- 3) 2nd International Conference on Bangla Speech and Language Processing- SUST
- 4) The 5th International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering (IC4ME2) - RU
- 5) International Conference on Advances in Electrical Engineering (ICAEE) - IUB
- 6) 2019 22nd International Conference on Computer and Information Technology (ICCIT) - SEU
- 7) 2019 4th International Conference on Electrical Information and Communication Technology (EICT) - KUET
- 8) 2019 2nd International Conference on Innovation in Engineering and Technology (ICIET) - Dhaka University
- 9) 2019 International Conference on Sustainable Technologies for Industry 4.0 (STI) - GUB
- 10) 2019 3rd International Conference on Electrical, Computer & Telecommunication Engineering (ICECTE) - RUET



# 2nd International Conference on Electrical, Computer and Communication Engineering (ECCE 2019)



7th– 9th February 2019  
CUET

# International Conference on Advances in Science, Engineering and Robotics Technology 2019 (ICASERT 2019)



May 3-5, 2019

East West University



# International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering



July 11-12, 2019

RU

# 2nd International Conference on Bangla Speech and Language Processing



**27-28 September 2019**  
**SUST**

# International Conference on Advances in Electrical Engineering - ICAEE



26-28 September 2019

IUB



# 2019 22nd International Conference on Computer and Information Technology (ICCIT)



**18-20 December 2019**  
**Southeast University**



# 2019 4th International Conference on Electrical Information and Communication Technology (EICT)



December 20-22, 2019  
KUET

# 2019 2nd International Conference on Innovation in Engineering and Technology (ICIET)



December 23-24, 2019  
Dhaka University



# 2019 International Conference on Sustainable Technologies for Industry 4.0 (STI)



December 24-25, 2019  
Green University Bangladesh

# 2019 3rd International Conference on Electrical, Computer & Telecommunicati on Engineering (ICECTE)



**December 26-28, 2019**  
**RUET**





# **IEEE Bangladesh Section Industry Engagement**

# Augmentation Initiative In Semiconductor Design And Next-gen VLSI



- Participants from around 20 University joined

**Co- Host: Ulkasemi and LinearMicro**  
**February 13, 2019**  
**Hotel Intercontinental Dhaka**

# Workshop on RISC-V Technology and SiFive Tutorial



**Co- Host: SiFive**  
**31st August, 2019**  
**BUET**





# **IEEE Bangladesh Section Humanitarian Activities**



# IEEE YESIST12 Innovation Challenge 2019, Bangladesh Pilot Round



For the 5<sup>th</sup> time in Bangladesh

**27th July, 2019**  
**Hotel Asia and Resorts**



# **IEEE Bangladesh Section Professional Activities**

**(Professional Lectures,  
Seminars and Workshops,  
Technical & Industry  
Activities)**

# Seminar on Bio inspired Sensors and IOT: Challenges and Opportunities



**May 15, 2019**  
**BUET**

# Celebrating 50 years of Conquering Moon – Research & Innovation Opportunities



20 July, 2019  
BUET



# IEEE Student Professional Awareness Conference (SPAC)



**August 2, 2019**  
**NSU**



# **IEEE Bangladesh Section Student Activities**

# IEEE Bangladesh Section Joint SB Initiative 2019



- Funded by R10 SAC
- 3 Strong Student Branches (AIUB, BUET & NSU)
- Trained 6 Weak Student Branches who are in the probation by IEEE MGA

**13 September, 2019**  
**BUET**

# Student Branch ExCom' and Counselors' Summit 2019



**March 29, 2019**  
**Asia Hotel and Resort**



# IEEE SPAVe 4.0



**28 December, 2019**  
**AIUB**



# **IEEE Bangladesh Section Activities to support Society Chapters**

# Discussion Forum with IEEE UK and Ireland Section to promote Computer Society Activities in Bangladesh



Guest:  
Michael Hinchey  
Chair, IEEE UK and Ireland Section

**January 11, 2019**  
**Bondstein Corporate Office, Dhaka**

# IEEE madC and IEEE Xtreme Promotion





# Interactive Forum: IEEE SSIT BD Chapter



**With Greg Adamson,  
Past President of IEEE SSIT**

**April 22, 2019  
Chef's Table, Gulshan, Dhaka**

# IEEE SPS Distinguish Lecture



**Dr. Anna Scaglione**  
**Professor, Arizona State University,**  
**Fellow of IEEE**

**18 December, 2019**  
**BUET**

# IEEE EMBS Distinguish Lecture



**Dr. V.R.Singh,  
Prof. National Physical Laboratory (NPL),  
Life Fellow of IEEE**

**28 November, 2019  
AIUB**

# IEEE IAS Distinguish Lecture



**Dr. Ronghai Qu**  
**Prof. Huazhong University of Science and**  
**Technology, Wuhan, China**  
**Fellow of IEEE**

**1 December, 2019**  
**BUET**





# IEEE Bangladesh Section YP Activities

# IEEE Student Professional Awareness Workshop (SPAW) 2.0



**9th November 2019**  
**RUET**

# IEEE Pes Day Celebration: Workshop on “PCB Design”





# IEEE Bangladesh Section WIE Activities



# International Women's Day Celebration 2019



**March 8, 2019**  
**Asia Hotel and Resorts**

# World Health Day Celebration 2019



**April 7, 2019**  
**BUET**

# IEEE PES Day Celebration 2019



**April 27, 2019**  
**BUET**



# Discussion on Fire Safety Management and Accident Prevention





# International Girls in ICT Day 2019

better pic



**April 28, 2019**  
**BUET**

# Seminar on Control of Networked Multirobot Systems



**October 1, 2019**  
**East West University, Bangladesh**

# 2019 Awards and Accomplishment

---

## R10 HAC Outstanding Volunteer Award

**Celia Shahnaz** - in recognition of outstanding contribution and services for humanitarian technology activities to the IEEE Bangladesh Section



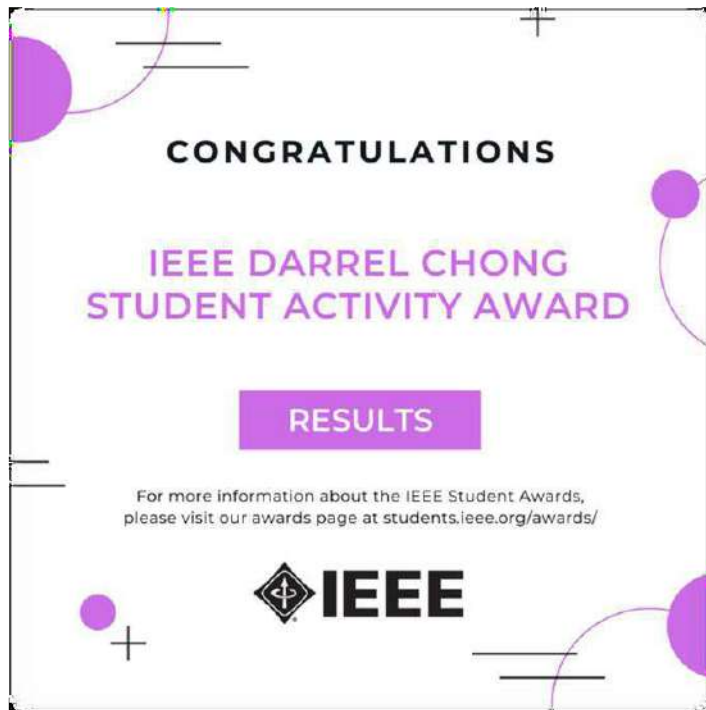
Celia Shahnaz received Ph.D. degree in ECE from Concordia University, Canada. Currently she is serving as a Professor in the Department of EEE, BUET, from where she received her B.Sc. and M.Sc. degrees. She is a senior member of IEEE, a fellow of IEB and has published more than 120 international journal/conference papers. She was a recipient of the Canadian Commonwealth Scholarship, as well as the Bangladesh Academy of Science Gold Medal. She was R10 WIE Coordinator and currently serving as Bangladesh Section Chair. She is the founder of SIGHT FLASH and five conferences, General Co-Chair of R10-HTC 2017 and General Chair of TENSYP 2020.





# 2019 Awards and Accomplishment

---



Outreach Program for Pre-University Students,  
IEEE Bangladesh University of Engineering and  
Technology Student Branch,  
Bangladesh Section



# 2019 Awards and Accomplishment

---

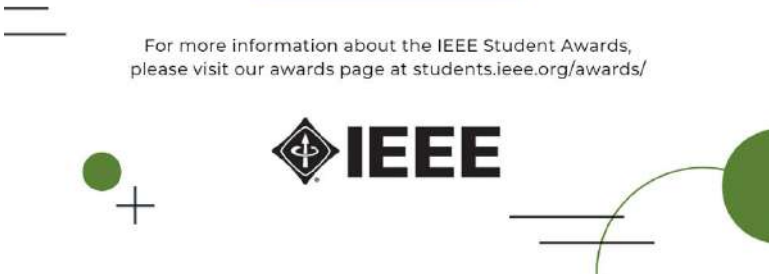


CONGRATULATIONS

IEEE REGIONAL EXEMPLARY  
STUDENT BRANCH AWARD  
2019

- American International Univ-Bangladesh
- Bangladesh Univ of Engineering and Tech
- North South University

RESULTS



For more information about the IEEE Student Awards,  
please visit our awards page at [students.ieee.org/awards/](https://students.ieee.org/awards/)



# Dr. Saifur Rahman

## Petition candidate for IEEE President-elect for 2021



To sign the petition, visit:  
[www.ieee.org/petition](http://www.ieee.org/petition)