

IEEE Bangladesh Section 2024 Report

A1. Executive Summary

- Section Executive Committee Member List

Bangladesh Section Chair	Dr. Mohammed Moshiul Hoque
Bangladesh Section Past Chair	Dr. Celia Shahnaz
Bangladesh Section Vice Chair Activity	Dr. Naruttam Kumar Roy
Bangladesh Section Vice Chair Technical	Dr. Shahriar Khan
Bangladesh Section Treasurer	Raihan Ur Rashid
Bangladesh Section Secretary	Md. Shohel Rana
Awards Coordinator	Dr. M. Imamul Hassan Bhuiyan
Conference Coordinator	Dr. Md. Maniruzzaman
Educational Activity Coordinator	Dr. Sajid Muhaimin Choudhury
Humanitarian Activity Coordinator	Muhammad Sajjadur Rahim
Industrial Activity Coordinator	Dr. Md. Faruk Hossain
Membership Development Coordinator	Dr. Kamruddin Nur
Newsletter Editor	Anamika Bhakta
Professional Activity Coordinator	Md. Ranak Ahsan
Publicity Coordinator	Redwan Ferdous
Student Activity Coordinator	Dr Md Aminul Islam

▪ **Section Highlights**

- Established in 1993
- Number of Student Branches: 61
- Technical Society Chapters :11
- Total Society Student Branch Chapter: 91
- Total WIE SB AG: 26
- 2 Affinity Groups (YP, WIE)
- 3 SIGHT Groups (Section SIGHT Flash, DU SB SIGHT, BRACU SB SIGHT)
- Globally among the top 5 countries for student member besides India, China, USA and Canada in 2018 and 2019
- Received R10 Section Incentive Award: 1000 USD in 2021, 3500 USD in 2020, 4000 USD in 2019 and 3500 USD in 2018.
- Organiser of IEEE Region 10 Symposium (TENSYP) 2020, R10 HTC 2017
- Recipient of IEEE MGA Outstanding Large Section Award 2018
- Section Website: <http://www.ieeebd.com/>

• **Major Events (International, National)**

Event	Date	Location
27 th International Conference on Computer and Information Technology (ICCIT 2024)	20-22 Dec 2024	Long Beach Hotel, Cox's Bazar, Bangladesh
10 th IEEE WIECON-ECE 2024	6-7 Dec 2024	College of Engineering, Guindy (CEG), Anna University, INDIA
3 rd IEEE RAAICON 2024	29-30 Nov 2024	Institute of Robotics and Automation, BUET (IRAB), Dhaka, Bangladesh
3 rd IEEE BECITHCON 2024	28-29 Nov 2024	Southeast University (SEU), Dhaka, Bangladesh
3 rd IEEE SPICSCON 2024, 01-02 NOV, 2024	1-2 Nov 2024	Khulna University (KU), Khulna, Bangladesh
3 rd IEEE PEEIACON 2024	12-13 Sep, 2024	Rajshahi University of Engineering & Technology (RUET), Rajshahi, Bangladesh
Pitching Competition at International Professional Activities Conference (ProCon 2024[March])	7 March 2024	University of Liberal Arts Bangladesh, Dhaka, Bangladesh
International Industrial Activities Conference (IndCon 2024)	12-13 Sep 2024	Rajshahi University of Engineering & Technology (RUET), Rajshahi, Bangladesh
International Professional Activities Conference (ProCon 2024)	1-2 Nov 2024	Khulna University of Engineering & Technology, Khulna, Bangladesh
International Symposium on Social Implications of Sustainable Technology (SympSIST 2024)	1 Nov 2024	Khulna University (KU), Khulna, Bangladesh
International Student-LED Conference (Student-LED Con 2024)	28-29 Nov 2024	Southeast University, Dhaka, Bangladesh
IEEE WIE Robotics for Climate Change and Assistive Technology 2024	29 Nov 2024	Institute of Robotics and Automation, BUET (IRAB), Dhaka, Bangladesh

Event	Date	Location
International Young Professional Conference (YPCon 2024)	30 Nov 2024	Institute of Robotics and Automation, BUET (IRAB), Dhaka, Bangladesh
IEEE Bangladesh Section Technical Experts' Forum 2024	4 May 2024	Asia Hotel & Resorts, Dhaka, Bangladesh
Symposium on Emerging Technology for Sustainable Future, Bangladesh Section	9 Nov 2024	IICT Seminar Room (ECE-705), ECE Building, Dhaka, Bangladesh
IEEE Bangladesh Section Appreciation and Award Ceremony	30 Dec 2024	FARS Hotel & Resorts Dhaka, Bangladesh

- Major Chapter Activities

Event	Date	Location
Invitation to IEEE ED/SSCS BD Chapter AGM (2023) and ExCom Election (2024),	3/7/2024 13:30	Dhaka
IEEE EDS/SSCS DL Talk on Photovoltaic, Bangladesh Section Jt. Chapter, ED15/SSC37	3/4/2024 09:00	Department of EEE, East West University, Dhaka
Next Big Opportunity in Information Technology Industry, Bangladesh Section Chapter, C16; International Islamic University Chittagong, C16	02-03-2024 03:00	Central Auditorium, International Islamic University Chittagong, Chittagong
Pitching Competition at International Professional Activities Conference (ProCon 2024) Bangladesh Section Chapter, EMB18; Bangladesh Section Chapter, RA24; Bangladesh Section Chapter, SP01; Bangladesh Section Chapter, IA34; Bangladesh Section Chapter, SIT30	03-07-2024 08:00	688 Beribadh Road Mohammadpur, Dhaka
Enhancing Cybersecurity Knowledge and Skills with Cybersecurity Masterclass: Day 1, Bangladesh Section Chapter, C16	03-10-2024 14:00	Online
Enhancing Cybersecurity Knowledge and Skills with Cybersecurity Masterclass: Day 2, Bangladesh Section Chapter, C16	03-11-2024 14:00	Online
Celebrates IEEE Education Week 2024, Bangladesh Section Chapter, SP01	04-20-2024 13:00	Online

3RD IEEE PEEIACON 2024, 12-13 SEP, 2024, Bangladesh Section Chapter, IA34	09-12-2024 00:00	Rajshahi University of Engineering & Technology (RUET), Rajshahi
Enhancing Cybersecurity Knowledge and Skills with Cybersecurity Masterclass, Bangladesh Section Chapter, C16	03-09-2024 14:00	Online
IEEE Bangladesh Section Technical Experts Forum 2024, Bangladesh Section Chapter, EMB18; Bangladesh Section Chapter, RA24; Bangladesh Section Chapter,SP01; Bangladesh Section Chapter, IA34; Bangladesh Section Chapter, SIT30	05-04-2024 10:00	Asia Hotel & Resorts, 34/1 Topkhana Road, Dhaka
Dev & DevOps: A Roadmap for Aspiring Developers & DevOps Engineers, Bangladesh Section Chapter, C16	05-04-2024 04:40	Kumira, Chittaging
Strategic Coding for Sensor Technology: Photonic Crystal Fiber Advances, Bangladesh Section Chapter,PHO36	03-29-2024 09:30	Online
Deep Learning Assisted Design of a Plasmonic Refractive Index Sensor Based on Photonic Crystal Fiber, Bangladesh Section Chapter,PHO36	04-25-2024 09:28	Online
Global Business Expansion Strategies with Photonics Integration, Bangladesh Section Chapter, C16; Bangladesh Section Chapter,PHO36	05-06-2024 09:58	Online
2024 IEEE Conference on Computing, Applications and Systems (COMPAS 2024), Bangladesh Section Chapter, C16	09-25-2024 03:40	Sheikh Kamal IT Business Incubator, CUET,Chittagong
Additive Manufacturing: emerging opportunities for microwave components, Bangladesh Section Chapter,AP03/MTT17	07-16-2024 13:30	Online
3RD IEEE SPICSCON 2024, 01-02 NOV, 2024, Bangladesh Section Chapter,SP01	11-01-2024 00:00	Khulna University (KU)
3RD IEEE BECITHCON 2024, 28-29 NOV, 2024, Bangladesh Section Chapter, EMB18	11-28-2024 00:00	Southeast University (SEU)
3RD IEEE RAAICON 2024, 29-30 NOV, 2024, Bangladesh Section Chapter, RA24	11-29-2024 00:00	Institute of Robotics and Automation, BUET (IRAB)
IEEE EDS DL Talk On "Solar Photovoltaic (PV) Energy: Engineering and R&D Scopes", Bangladesh Section Chapter, ED15/SSC37	09-19-2024 05:00	Room 242 (Razia Samad Lecture Gallery)

IEEE Signal Processing Society (SPS) Bangladesh Chapter Congress 2024, Bangladesh Section Chapter,SP01	11-01-2024 03:00	Sher-E-Bangla Rd
IEEE Day celebration , Bangladesh Section Chapter,PHO36	10-14-2024 16:00	Online
IEEE ComSoc BD Chapter Annual General Meeting 2024, Bangladesh Section Chapter, COM19	02-16-2024 02:00	Council Bhaban, BUET
International Symposium on Social Implications of Sustainable Technology (SympSIST-2024), Bangladesh Section Chapter, SIT30	11-01-2024 04:00	Khulna University (KU)
Workshop on Creating Games using Unity & Godot, Bangladesh Section Chapter, C16	10-05-2024 14:00	Online
IEEE CS BDC Symposium 2024: Closing and Award Ceremony, Bangladesh Section Chapter, C16	11-23-2024 10:30	Chittaranjan Avenue,Jagannath University, Dhaka
DML: RF Design for Ultra-Low-Power Wireless Communication Systems, Bangladesh Section Jt. Chapter,AP03/MTT17	12-11-2024 13:00	Online
App Development Crash Course and Mobile App Idea Competition, Bangladesh Section Chapter, C16	11-02-2024 18:00	Chittagong
Flutter App Development Career Path Masterclass, Bangladesh Section Chapter, C16	07-12-2024 05:56	Online
Industry and Academia Collaboration with Siliconova Limited, Bangladesh Section Chapter,PHO36	12-09-2024 06:00	Mirpur, Dhaka
Cloud Workshop on "Build Your Own Cloud Platform: Mastering Orchestration with Kubernetes.", Bangladesh Section Chapter, C16	11-22-2024 08:00	Chittaranjan Avenue, Jagannath University, Dhaka
Presentation Competition - "How to Become Entrepreneur" at International Industrial Activities Conference (INDCon 2024), Bangladesh Section Chapter, IA34	09-12-2024 05:00	Rajshahi University of Engineering & Technology (RUET),
Entrepreneurship Idea Contest (Poster) & Bootcamp at International Industrial Activities Conference (INDCon 2024), Bangladesh Section Chapter, IA34	09-12-2024 08:30	Rajshahi University of Engineering & Technology (RUET)

Innovative Project Showcasing at International Industrial Activities Conference (INDCon 2024), Bangladesh Section Chapter, IA34	09-12-2024 10:30	Rajshahi University of Engineering & Technology (RUET)
Talk and Panel Discussion on "Role and Engagement of Women in AI for Academia, Industry and Entrepreneurship" at International Industrial Activities Conference (INDCon 2024), Bangladesh Section Chapter, IA34	09-13-2024 05:45	Rajshahi University of Engineering & Technology (RUET)
Industrial Workshop On AI, ML & Deep Learning, Bangladesh Section Chapter, IA34	09-13-2024 02:00	Rajshahi University of Engineering & Technology (RUET)
Inaugural Ceremony at International Professional Activities Congress (ProCon 2024), Bangladesh Section; Khulna University of Engineering & Technology	11-02-2024 05:30	Khulna University of Engineering & Technology
IEEE Bangladesh Section (BDS) Student Branch (SB) Chair's Summit 2024, Bangladesh Section Chapter, EMB18; Bangladesh Section Chapter, RA24; Bangladesh Section Chapter, SP01; Bangladesh Section Chapter, IA34; Bangladesh Section Chapter, SIT30	10-26-2024 09:00	Asia Hotel & Resorts, 34/1 Topkhana Road, Dhaka
Intra BUET ROBO Challenge and Project Showcase, Bangladesh Section Chapter, RA24	11-29-2024 03:00	ECE Building, West Palashi Campus, BUET, Dhaka

● Major Student and Affinity Group Activities

Event Title	Event Date	Organizing AG	Event Location
Student Professional Awareness Conference (SPAC) 2024	30 Dec 2024	YP	North South University, Bashundhara R/A
IEEE WIE Robotics for Climate Change and Assistive Technology 2024	29 Nov 2024	WIE	Institute of Robotics and Automation, BUET (IRAB), Dhaka, Bangladesh
Pitching Competition at International Professional Activities Conference (ProCon 2024 [March])	07 Mar 2024	WIE, YP	688 Beribadh Road Mohammadpur, Dhaka

In the Celebration of IEEE Women in Engineering day AI and Forge Imagery: Deep Fake	29 Jun 2024	WIE	virtual
Role and Engagement of Women in AI for Academia, Industry, and Entrepreneurship	13 Sep 2024	WIE	virtual

- Awards

A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted to MGA Finance Team for NextGen Upload)
**All the amounts are in Bangladesh Taka (BDT)

The Institute of Electrical and Electronic Engineers, Bangladesh Section

Financial Statement

January 1, 2024 to December 31, 2024

Sl. No.	Particulars	BDT	
		Dr.	Cr.
1	Opening Balance at Hand	0.00	383,406.48
2	Opening Balance at Bank	0.00	2,355,980.33
3	Total Fund Received	0.00	5,447,518.00
4	Total Expenditure	6,200,520.00	0.00
5	Closing Balance Cash in Hand	643,365.48	0.00
6	Closing Balance at Bank	1,343,019.33	0.00
	Balance	8,186,904.81	8,186,904.81

- Any other financial activities

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

Higher Grade Member			Student Member			Total Member		
2022	2023	2023	2022	2023	2024	2022	2023	2024
1034	921	1073	2969	2705	2794	4039	3626	3867

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

B.2 Chapter Activities

- Total number of Chapters in the Section: 11
- Number of Chapters formed in the current year: 0
- Number of active Chapters (Chapters who have reported required number of meetings during the year): 10
- Summary of Chapter activities (Chapter wise with attachment table/information)

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information

Technical Cosponsorship for the following conferences:

Conference Name	Organizer	Date
2024 2nd International Conference on Information and Communication Technology (ICICT)	Bangladesh University of Engineering and Technology (BUET)	21/10/2024 to 22/10/2024
2024 4th Int. Conf. on Innovations in Science, Engineering and Technology (ICISSET)	International Islamic University Chittagong (IIUC)	26/10/2024 to 27/10/2024
2024 International Conference on Recent Progresses in Science, Engineering and Technology (ICRPSET)	University of Rajshahi (RU)	07/12/2024 to 08/12/2024
2024 13th International Conference on Electrical and Computer Engineering (ICECE)	Bangladesh University of Engineering and Technology (BUET)	18/12/2024 to 20/12/2024

B.4 Students Activities

- Total number of Student Branches in the Section: 61
- Number of Student Branches formed in the current year: 3
- Section level student activities (student congress, paper and other contests, awards etc)

Event	Date	Platform
International Student-LED Conference (Student-LED Con 2024)	28-29 Nov 2024	Southeast University, Dhaka

- Number of active Student Branches (Student Branches who have reported required number of meetings during the year): **29**
- Summary of Student Branch activities (Student Branch wise with attachment table/information):
Total Number of Events **395** (only mentioned 29 Student Branches reported events). Please See Annexure 1 for a detailed list of all events organized under section.
<https://docs.google.com/document/d/1YZdx8v6fzAC933FuhNAKSygwjfn4j8Pu/edit?usp=sharing&ouid=118084764909562485939&rtopof=true&sd=true>

B.5 Affinity Group Activities

- Major YP Activities

Event Title	Event Date	Event Location
Pitching Competition at International Professional Activities Conference (ProCon 2024[March])	2024-03-07	Dhaka
IEEE Bangladesh Section (BDS) Student Branch (SB) Chair's Summit 2024, Bangladesh Section Affinity Group, WIE; Bangladesh Section Affinity Group,YP	2024-10-26	Dhaka
Student Professional Awareness Conference (SPAC) 2024 Bangladesh Section Affinity Group,YP	2024-12-30	Dhaka
International Young Professional Conference (YPCon 2024)	2024-11-30	Dhaka

- Women In Engineering (WIE)

Event Title	Event Date	Event Location
Celebrating Women's History Month	2024-03-28	Dhaka
CELEBRATING INTERNATIONAL WOMEN IN ENGINEERING	2024-06-23	Online
Role and Engagement of Women in AI for Academia, Industry, and Entrepreneurship	2024-09-13	Online
IEEE WIE Robotics for Climate Change and Assistive Technology	2024-11-29	Dhaka
10th IEEE WIECON-ECE 2024, 06-07 DEC, 2024	2024-12-06	Chennai

- Life Member (LM)

B.6 Awards & Recognition Activities

- Award constituted by the Section
 - Outstanding Student Branch
 - Women In Engineering (WIE) Outstanding Student Branch Affinity Group
 - Outstanding Student Volunteer
 - Women In Engineering (WIE) Outstanding Student Volunteer
 - Outstanding Student Branch Counselor
 - Young Professional Outstanding Volunteer Award
 - Promising Student Branch
 - Outstanding Student Volunteer for HTA
 - WIE Outstanding Professional Volunteer
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year

Award / Recognition	Winner Name	Position
IEEE 12th Region 10 Humanitarian Technology Conference (R10-HTC) Innovation Challenge 2024	Rashedul Arefin Ifty (Vice Chair, IEEE IIUC SB)	1st Runner Up
IEEE CS Richard E. Merwin Student Scholarship (Spring 2024 Cohort)	Rashedul Arefin Ifty (Vice Chair, IEEE IIUC SB)	Winner
IEEE Region 10 Ethics Awareness and Advancement Contest 2024 Ethics	Mayesha Haque, (Chairperson, IEEE BUET SB WIE AG)	Champion
Best Impact Pitch Team winner in IEEE WIE Climate Tech Big Idea Pitch Competition in 2024	Mayesha Haque, (Chairperson, IEEE BUET SB WIE AG)	Winner
IEEE RAS WIE IDEA Award	Mayesha Haque, (Chairperson, IEEE BUET SB WIE AG)	Winner
2024 IEEE Women in Engineering Student Branch Affinity Group of the year award	Bangladesh University of Professionals (R10)	Winner
IEEE WIE Manga Contest 2024, (Category : Power of Wind Energy)	Nazia Sultana Plabon (Secretary, IEEE PU SB)	Winner

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

- Newsletter (name and number of issues in the year)
- Home Page of the Section (give the URL and how often it is updated) <http://www.ieeebd.com>
- Other means of contacts with Section members including social media
 - ☐ Facebook Page: <https://www.facebook.com/IEEEBangladeshSection/>
 - ☐ Facebook Group: <https://www.facebook.com/groups/ieee.bangladesh/>
 - ☐ YouTube Channel: <https://www.youtube.com/channel/UCJsG3bgzl-wNDULFDvDGZ8g>
 - ☐ IEEE eNotice for every event for member outreach and promotion.

B.8 Industry Relations

- Membership growth and retention

IEEE Higher Grade Member in 2023	IEEE Higher Grade Member in 2024	Growth Percentage in IEEE Higher Member Grade
921	1073	17% Growth

- Activities for/with industrial members

Event	Date	Location
Pitching Competition at International Professional Activities Conference (ProCon 2024[March])	7 Mar 2024	University of Liberal Arts Bangladesh
International Industrial Activities Conference (IndCon 2024)	12-13 Sep 2024	Rajshahi University of Engineering & Technology (RUET), Rajshahi, Bangladesh
International Professional Activities Conference (ProCon 2024)	1-2 Nov 2024	Khulna University of Engineering & Technology, Khulna, Bangladesh

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.

Event Title	Event Date	Event Location
International Symposium on Social Implications of Sustainable Technology (SympSIST 2024)	1 Nov 2024	Khulna University (KU), Khulna, Bangladesh

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”

Event	Date	Platform
IEEE Day 2024 Celebrations	12 Oct 2024	Virtual
Celebrates IEEE Education Week 2024	20 Apr 2024	Virtual

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
 - IEEE WIECON-ECE —Inspired women researchers and industry experts to share their latest innovations. and connected women from many countries around the globe
- Funding secured from the IEEE and external sources including sponsorships

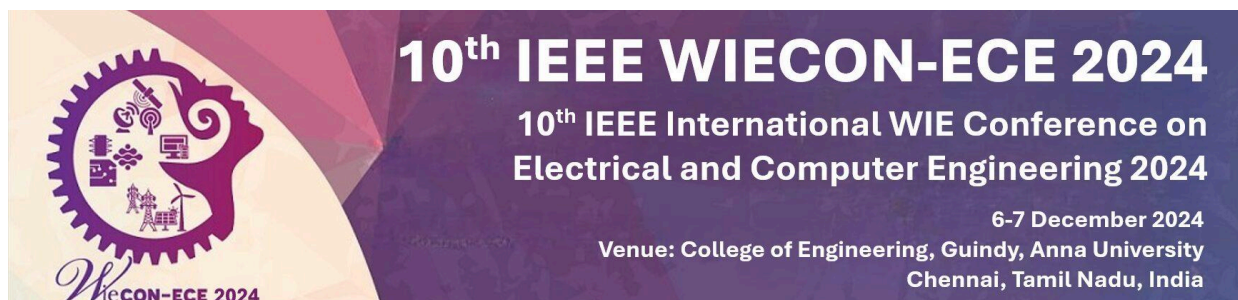
C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- Nature of relationship and details of any formal agreement signed
 - No Formal Agreement Signed this year.
- Details of joint activities
- Benefit to IEEE members: Reduced/Free Registration fee to events, Training from the experts.
- Benefit to Section: Venue facilities, cost saving, membership development, future employment and internship opportunities for the members.

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections
- Joint activities with any other Section

IEEE Bangladesh Section, IEEE Bangladesh Section WIE Affinity Group, and IEEE Madras Section WIE Affinity Group are jointly organizing the 10th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering 2024 (IEEE WIECON-ECE 2024) at the College of Engineering, Guindy, Anna University, Chennai, INDIA.



C.4 Support extended to Sub-sections & Society Chapters within the Section

- Support extended for organising technical, educational and professional activities Section jointly organized events with technical chapters and different educational and professional activities as reported earlier.
- Joint activities for membership development:
In every conference and Webinars, free WIE membership for students and SPS 1 USD Student Membership fee were widely promoted
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

Member Grade Elevation for YP and WIE

Members Industry Engagement

Jointly organizing events with industries to increase the awareness and improve the professional member number. Also, working with various industries with related projects so that they can engage with IEEE activities.

Government Engagement

Engaging with various government ministries and organizations so that they can get aware about the importance of IEEE activities and collaborating to match and progress the national goal and global IEEE vision.

NGO Engagement

Working with local NGOs to facilitate the needs of the community because various NGOs are specialized in providing the help to the community directly.

Engagement with Entrepreneurs

To help the entrepreneurs, IEEE Bangladesh Section has engaged Entrepreneurs with IEEE members to train and educate the future entrepreneurs of the country.

Innovating membership Retention Programs:

Counselling sessions for students with low CGPA, programs focusing industry requirements and skills to be developed, mandatory awareness and information exchange programs about student scholarships and travel grants, internships with industry and company, part-time campus technical and professional jobs can motivate students for retention of their membership from year to year.

Designing Career lab:

It will help guiding a student for proper choice of career (academia and industry) based on the information and interest provided by the students. Developing Web based information tool for higher study: based on the qualification (resume) and TOEFL/IELTS/GRE scores of the student. Arranging student competition in IEEE conferences as in ICASSP to boost up student membership as well as to ensure student participation in those conferences. Arranging student competition on IEEE New initiatives: for gathering brainstorming, ideas about possible funding applications to apply to IEEE NIPs making online education for disabled students accessible and affordable.

C.6 Problems anticipated and suggestions for solutions, if any

Membership Development due to global recession and job loss was a huge challenge. So, running a membership drive was challenging.

Also, another problem that we regularly face and which occurred at a higher rate is the unavailability of International Credit Cards. Bangladesh has a strict foreign transaction regulation. Which makes it difficult for someone to get access to an International Transaction Enabled Credit Card. Also, the amount in a single transaction is limited. All of these made getting membership in COVID 19 pandemic even more difficult.

Another problem we faced is that due to the COVID 19 pandemic, our economy took a hit, especially for Young Professionals and WIE Professionals. So reduced fees for different IEEE Products for YP and WIE Members will help us in this situation.

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plans

- Teacher in Service Program (TISP)
- IEEE WIECON-ECE 2025
- SympSIST 2025
- Distinguished Lecture Program
- Outreach Program for STEM Education

D.2 Goals and Future Plans

Maintain and enhance the vibrant activities of IEEE Bangladesh Section in the following ways:

- Launching new societies of Bangladesh Chapter, such as IEEE CIS, IEEE TEMS, IEEE PELS, IEEE NPSS.
- Enhancing activities of societies of Bangladesh chapter, such as IEEE SPS, IEEE RAS, IEEE SSIT, IEEE EMBS and IEEE IAS.
- Implementing Engineering Projects in Community Service (EPICS) in IEEE
- Implementing projects funded by IEEE HAC, IEEE SIGHT, and IEEE Foundation
- Implementing the Teacher In-Service Program (TISP) under IEEE Pre-university Education.
- IEEE WIE NEW Initiative Program (WIENIP): IEEE WIECON-ECE, was held in Dhaka, Bangladesh, Dec 19- 20, 2015. Considering its mega success in South Asian countries in 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023 and 2024. In 2025 we will be organizing it with other IEEE Sections in R10.
- Arranging DL program: to energize inactive societies by presenting role models in front of them for sharing their views, exchange ideas and latest findings for EMBS, RAS, SPS, IAS and SSIT members
- Mentor and Mentee Program (MMP): MMP can be implanted via webinars, online chats, and Women in Leadership Collaborate (WIL) Community to guide less active/ inactive students/YP/ WIE groups about designing innovative events.

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

- Strategy for sustainable membership: Design and conduct online surveys and develop a student network to make strategies for sustainable membership. Registration benefits for an IEEE member in IEEE programs, webinars, tutorials, workshops, internships, skill development and industry related programs, which will add value to membership, have to be funded/promoted as special events for the retention of membership.
- Developing student Branch activation Program: Encourage student branches to update and report their activities by vtools. For inactive branches, web-based mentoring programs can be initiated, where active student branches will serve as mentors for energizing inactive branches.
- Developing Industry Portals for Student, WIE and Young Professionals.
- Developing Entrepreneurship Bootcamp: Transforming Project to Product
- Developing Speaker Bureau for Student Branches', WIE and Young Professionals' programs.
- Developing Technical Expert Forum: Reviewers, Conference Speakers, Thesis Evaluators, Research Collaborators.

D.4 Business Plan for Sustainable Growth and Financial Stability.

- Inspire Society activities and include them in the business plan
- IEEE SPS, EMBS, RAS, IAS and SSIT members engagement and membership development in Industry.
- Rising Star Conference for YP in Bangladesh to attract corporate membership and sponsors.
- The World Bank supported the WePower Initiative to attract more Industry Partners.
- Industry Forum for Women in Engineering and Young Professionals.
- Launching of Alumni Network connecting Bangladeshis abroad to support members education, employment, research and innovative activities.
- Launching Bengali Research Forum to share resources and attract Scholarships, Internships and Recruitment Facilities at home and abroad.

Financial Stability:

Funds will be managed from local industries and registration fees to ensure each program is self-sustainable.