IEEE Bangladesh Section

PART A - SECTION SUMMARY

A1. Executive Summary

▪ Section Executive Committee Member List

Bangladesh Section Chair	Mohammed Moshul Hoque
Bangladesh Section Past Chair	Celia Shahnaz
Bangladesh Section Vice Chair Activity	Anamika Bhakta
Bangladesh Section Vice Chair Technical	MD Razzak
Bangladesh Section Treasurer	MD Raju Ahmed
Bangladesh Section Secretary	Dr. Sajid Muhaimin Choudhury
Awards Coordinator	Md Ekramul Hamid
Conference Coordinator	Shahriar Khan
Educational Activity Coordinator	Md Faruk Hossain
Humanitarian Activity Coordinator	Prof. Dr M.A.H Akhand
Industrial Activity Coordinator	S.M Robiul Islam
Membership Development Coordinator	Raihan Ur Rashid
Newsletter Editor	Tahsina Farah Sanam
Professional Activity Coordinator	MD Ranak Ahsan
Publicity Coordinator	Tanvir Mahmudul Hasan
Student Activity Coordinator	A.K.M Muzahidul Islam

- ▪ Section Highlights
  - Established in 1993
  - Number of Student Branches: 56
  - Technical Society Chapters :10
  - Total Society Student Branch Chapter: 74
  - Total WIE SB AG: 20
  - 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.
  - Organizer of IEEE Region 10 Symposium (TENSYMP) 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
International Industrial Activities Conference (IndCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Professional Activities Conference (ProCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Symposium on Social Implications of Sustainable Technology (SympSIST 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Student-LED Conference (Student-LED Con 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Young Professional Conference (YPCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
25th International Conference on Computer and Information Technology (ICCIT 2022)	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
Women in Engineering Bangladesh Summit (WIE BD Summit 2022) Climate Change Idea Competition collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
International Symposium on Social Implications of Sustainable Technology: Humanitarian Project Design Idea Contest collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
International Industrial Activities Conference Entrepreneurship Contest collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
International Professional Activities Conference Topic: Pitching Competition 2022 collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
International Student-LED Conference Idea Contest 2022 collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
8th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering 2022 (IEEE WIECON-ECE 2022)	30-31 Dec 2022	International Institute of Information Technology, Naya Raipur (IIIT-NR), INDIA

- Major Chapter Activities

Event Title	Event Date	Organizing Chapter	Event Location
Intro to Bengali ASR Modeling : DL Sprint Workshop : Bangladesh Univ Of Engineering & Tech,C16	08/07/2022	CS Chapter	IAC, CSE, BUET, Dhaka, Dhaka, Bangladesh
Introduction to Web3, API, DevOps: Hackathon Workshops : Bangladesh Univ Of Engineering & Tech,C16	17/07/2022	CS Chapter	IAC, CSE, BUET, Dhaka, Dhaka, Bangladesh
SUSTAINABLE TECHNOLOGIES FOR INDUSTRY 4.0 STI 2022 : Bangladesh Section Chapter, C16	17/12/2022	CS Chapter	Permanent Campus at Purbachal American City, Rupganj, Dhaka, Bangladesh Green University of Bangladesh, Dhaka, Dhaka, Bangladesh
International Conference on Machine Intelligence and Emerging Technologies 2022 (MIET 2022) : Bangladesh Section Chapter, C16	23/09/2022	CS Chapter	Noakhali Science and Technology University (NSTU), Science and Technology University Sonapur, University Rd, Noakhali, Chittagong, Bangladesh
International Congress on Recent Trends in Computer Science (ICRCS - 2022) : Bangladesh Univ of Business & Tech,C16	17/02/2022	CS Chapter	Virtual
4th International Conference on Trends in Computational and Cognitive Engineering (TCCE-2022) : Bangladesh Section Chapter, C16	18/12/2022	CS Chapter	Mawlana Bhashani Science and Technology University, Tangail, Bangladesh, Tangail, Dhaka, Bangladesh
Deep Learning Methods for Improving Event Extraction, Forecasting on Political and Social Science Studies : Bangladesh Univ Of Engineering & Tech,C16	10/08/2022	CS Chapter	West Palashi Campus, BUET, Dhaka, Dhaka, Bangladesh
Automated Code Analysis: An Effective Way of Debugging : Bangladesh Univ Of Engineering & Tech,C16	20/08/2022	CS Chapter	West Palashi Campus, BUET, Dhaka, Dhaka, Bangladesh
IEEE Computer Society Bangladesh Chapter Summer Symposium 2022 : Bangladesh Section Chapter, C16	10/06/2022	CS Chapter	Bangabandhu Sheikh Mujibur Rahman Aviation and Aerospace University (BSMRAAU), Dhaka, Dhaka, Bangladesh
JOB SEMINAR : Bangladesh Univ Of Engineering & Tech,C16	05/08/2022	CS Chapter	West Palashi Campus, BUET, Dhaka, Dhaka, Bangladesh
13 Ways To Fail In A Software Engineering Interview : Bangladesh Univ Of Engineering & Tech,C16	20/12/2022	CS Chapter	West Palashi Campus, BUET, Dhaka, Dhaka, Bangladesh
Introduction to Kaggle and Deep Learning : Bangladesh Univ Of Engineering & Tech,C16	28/06/2022	CS Chapter	BUET Central Road, Dhaka, Dhaka, Bangladesh
13 Ways to Fail in a Software Engineering Interview : Bangladesh Section Chapter, C16	20/12/2022	CS Chapter	IAC, CSE, BUET, Dhaka, Dhaka, Bangladesh
Basic Game Development with Pygame : Bangladesh Univ Of Engineering & Tech,C16	28/12/2022	CS Chapter	Virtual

How to _____ a Research Paper? : Bangladesh Univ Of Engineering & Tech,C16	01/06/2022	CS Chapter	IAC Seminar Room, BUET, Dhaka, Dhaka, Bangladesh
Writing a funded Research Project Grant Proposal : Bangladesh Section Chapter, C16	05/03/2022	CS Chapter	Virtual
Deep Learning Sprint: Bengali Automatic Speech Recognition Competition : Bangladesh Univ Of Engineering & Tech,C16	02/09/2022	CS Chapter	IAC, CSE, BUET, Dhaka, Dhaka, Bangladesh
Webinar on AI-Enabled IoT Intelligent Inferences for Time-Critical Applications from Sensor Data : Bangladesh Section Chapter, C16	24/09/2022	CS Chapter	Virtual
Modern Outcome Based Education System for Engineers : Bangladesh Section Chapter, C16	16/04/2022	CS Chapter	Virtual
IEEE PES Day 2022: Challenges in Power System & An Overview of Nuclear Power Plant : Rajshahi University of Eng & Tech	06/05/2022	PES Chapter	Virtual
On Campus Recruitment By Neural Semiconductor : Bangladesh Section Jt. Chapter, ED15/SSC37	11/04/2022	EDS Chapter	De, Dhaka, Dhaka, Bangladesh
Bangabandhu Satellite-1 (Geostationary Satellite) and Ground Station Operation : Bangladesh Section Chapter, COM19	30/08/2022	CH10557	United International University (UIU), Dhaka, Dhaka, Bangladesh
Brain-Machine Interface: The Infinite Possibility of Light : Bangladesh Section Chapter,PHO36	17/05/2022	Photonics Society Chapter	Virtual
The Photonics Industry Under the Lens of a Young Professional : Bangladesh Section Chapter,PHO36	24/08/2022	Photonics Society Chapter	Virtual
VLSI Design Competition 2022 : Bangladesh Section Jt. Chapter, ED15/SSC37	09/12/2022	EDS Chapter	Dept. of EEE, BUET, Dhaka, Dhaka, Bangladesh
EDS Mini-Colloquium on 75th Anniversary of the Transistor: DL Talk 1 : Bangladesh Section Jt. Chapter, ED15/SSC37	24/11/2022	EDS Chapter	Dept. of EEE, BUET, Dhaka, Dhaka, Bangladesh
Past and Future of Micro/Nano Electronic Devices : Bangladesh Section Chapter,PHO36	04/11/2022	Photonics Society Chapter	
workshop on android development : Bangladesh Section Chapter, C16	07/08/2022	CS Chapter	Virtual
Starfish Routing for Wireless Sensor Networks with a mobile sink : Bangladesh Section Chapter, C16	07/09/2022	CS Chapter	Virtual
Startups and Wealth Creation: Engineering Students Should be the Champions : Bangladesh Section Chapter, C16	12/03/2022	CS Chapter	Virtual
EDS Mini-Colloquium on 75th Anniversary of The Transistor: DL Talk 2 : Bangladesh Section Jt. Chapter, ED15/SSC37	01/12/2022	EDS Chapter	Dept. of EEE, BUET, Dhaka, Dhaka, Bangladesh
IEEE Photonics Society Bangladesh Distinguished Lecture - Dr. Salah S A	22/01/2022	Photonics Society Chapter	

Obayya : Bangladesh Section Chapter,PHO36			
EDS DL on "Differentiated Silicon Technologies to enable next gen 5G and 6G radio" : Bangladesh Section Jt. Chapter, ED15/SSC37	27/06/2022	EDS Chapter	Dept. of EEE, BUET, Dhaka, Dhaka, Bangladesh
How to implement a smart project : Bangladesh Section Chapter, C16	28/07/2022	CS Chapter	Deep Learning Lab, Jagannath University, Dhaka, Dhaka, Bangladesh
Machine Learning for Information Extraction Online event : Bangladesh Section Chapter, C16	10/09/2022	CS Chapter	Virtual
The Role of Mathematics in Critical Thinking : University of Dhaka	16/09/2022	CS Chapter	306, Institute of Information Technology (IIT), University of Dhaka, Dhaka, Dhaka, Bangladesh
EDS Seminar on VLSI and AI Chip : Bangladesh Section Jt. Chapter, ED15/SSC37	10/01/2022	EDS Chapter	Dept. of EEE, BUET, Dhaka, Dhaka, Bangladesh
AppLink: Design Thinking and Innovation Workshop : Bangladesh Univ Of Engineering & Tech,C16	29/11/2022	CS Chapter	West Palashi Campus, BUET, Dhaka, Dhaka, Bangladesh
EDS Mini-Colloquium on 75th Anniversary of the Transistor: DL Talk 3 : Bangladesh Section Jt. Chapter, ED15/SSC37	19/12/2022	EDS Chapter	Department of EEE, BUET, Dhaka, Dhaka, Bangladesh
Invited Technical Talk on Low-Temperature Polyimides for Interconnect RDL in Next-Generation 3D Advanced IC Backend Packaging Application : Bangladesh Section Jt. Chapter, ED15/SSC37	27/09/2022	EDS Chapter	BUET West Palashi Campus, Dhaka, Dhaka, Bangladesh
Wireless Communications and Applications : Bangladesh Section Chapter, COM19	11/09/2022	CH10557	United International University (UIU), Dhaka, Dhaka, Bangladesh
EDS Workshop on â€œIntroduction to Machine Learning with Pythonâ€ : Bangladesh Section Jt. Chapter, ED15/SSC37	19/08/2022	EDS Chapter	Room 634, Dhaka, Dhaka, Bangladesh
Electro-Photonic Accelerators for Autonomous Systems : Bangladesh Univ Of Engineering & Tech,C16	26/11/2022	CS Chapter	Dept. of EEE, BUET, Dhaka, Dhaka, Bangladesh
R10 CS MEGA DVP Program : Bangladesh Section Chapter, C16	14/05/2022	CS Chapter	Virtual
Hybrid Communication System " Design and Quality of Service Assessment for Active Distribution Grid : Bangladesh Section Chapter, COM19	01/10/2022	ComSoc Chapter	Virtual

- Major Student and Affinity Group Activities

Event Title	Event Date	Organizing AG	Event Location
IEEE BDS Co-Located Conferences, 24-25th June 2022 : Bangladesh Section	24/06/2022	YP	University of Asia Pacific
YPCon Colocated conference ICCIT 2022 : Bangladesh Section	17/12/2022	YP	Long Beach Hotel, Cox's Bazar, Chittagong, Bangladesh
Mapping the Future in Career Development Professional Awareness Congress 2022 : Bangladesh Section Affinity Group,YP	26/12/2022	YP	Virtual
Celebrating International Women's Day 2022 : Bangladesh Section	08/03/2022	WIE	Virtual
IEEE WIE Affinity Group of Bangladesh Section MEETING : Bangladesh Section Affinity Group, WIE	13/03/2022	WIE	Virtual
EVENT ON IEEE DAY & ADA LOVELACE DAY 2022 : Bangladesh Section	20/10/2022	WIE	Virtual
Women in Engineering Bangladesh Summit (WIE BD Summit 2022) collocated with ICCIT 2022	17/12/2022	WIE	Long Beach Hotel, Cox's Bazar, Chittagong, Bangladesh
8th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering 2022 (IEEE WIECON-ECE 2022)	30/12/2022-31/12/2022	WIE	International Institute of Information Technology, Naya Raipur (IIIT-NR), INDIA

- Awards

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

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

IEEE Bangladesh Section
Financial Statement, January 01, 2022 to December 31, 2022

Sl. No.	Particulars	BDT	
		Dr.	Cr.
1	Opening Balance at Hand		63950 (Including reserve 2021, 38599)
2	Opening Balance at Bank		264581
3	Total Fund Received		92925
4	Total Expenditure	2499	
5	Closing Balance Cash in Hand (Including reserve 2021, 38599)	62199	
6	Closing Balance at Bank	356758	
	Balance	**421456**	**421456**

- 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		
2020	**2021**	**2022**	**2020**	**2021**	**2022**	**2020**	**2021**	**2022**
1287	1704	1034	2200	2251	2969	3487	4011	4039

- 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: 1
- 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

Event	Date	Platform
Begalis research Forum	21 Feb 2022	Virtual

Technical Cosponsorship for the following conferences:

Conference Name	Organizer	Date
International Conference on Electrical and Computer Engineering (ICECE 2022)	Bangladesh University of Engineering and Technology (BUET)	21/12/2022 to 23/12/2022
International Conference on Recent Progresses in Science, Engineering and Technology (ICRPSET 2022)	Rajshahi University	12/26/2022 To 12/27/2022
4th International Conference on Electrical, Computer & Telecommunication Engineering (ICECTE 2022)	Rajshahi University of Engineering and Technology (RUET)	28/12/2022 to 29/12/2022
3rd International Conference on Electrical Computer and Communication Engineering (ECCE 2023)	Chittagong University of Engineering and Technology (CUET)	23/02/2023 to 25/02/2023
3RD INTERNATIONAL CONFERENCE ON ROBOTICS, ELECTRICAL AND SIGNAL PROCESSING TECHNIQUES (ICREST 2023)	American International University Bangladesh (AIUB)	07/01/2023 to 09/01/2023

B.4 Students Activities

- Total number of Student Branches in the Section: **56**
- Number of Student Branches formed in the current year: **0**
- Section level student activities (student congress, paper and other contests, awards etc)

Event	Date	Platform
IEEE DAY & ADA LOVELACE DAY 2022 Celebration	20 Oct 2022	Virtual
International Student-LED Conference (Student-LED Con 2022)	24-25 June 2022	University of Asia Pacific, Dhaka

- Number of active Student Branches (Student Branches who have reported required number of meetings during the year): **45**
- Summary of Student Branch activities (Student Branch wise with attachment table/information): Total Number of Events **408**. Please See Annexure 1 for detailed list. (https://docs.google.com/document/d/1u8KqOZLISM0-bfqm01LSapV1QNudMHhT250dPJIZXQc/edit?usp=sharing)

B.5 Affinity Group Activities

- Young Professional (YP)

Event Title	Event Date	Event Location
IEEE BDS Co-Located Conferences, 24-25th June 2022 : Bangladesh Section	24/06/2022	University of Asia Pacific
YPCon Colocated conference ICCIT 2022 : Bangladesh Section	17/12/2022	Long Beach Hotel, Cox's Bazar, Chittagong, Bangladesh
Mapping the Future in Career Development Professional Awareness Congress 2022 : Bangladesh Section Affinity Group,YP	26/12/2022	Virtual

- Women In Engineering (WIE)

Event Title	Event Date	Event Location
Celebrating International Women's Day 2022 : Bangladesh Section	08/03/2022	Virtual
IEEE WIE Affinity Group of Bangladesh Section MEETING : Bangladesh Section Affinity Group, WIE	13/03/2022	Virtual
EVENT ON IEEE DAY & ADA LOVELACE DAY 2022 : Bangladesh Section	20/10/2022	Virtual
Women in Engineering Bangladesh Summit (WIE BD Summit 2022) collocated with ICCIT 2022	17/12/2022	Long Beach Hotel, Cox's Bazar, Chittagong, Bangladesh

- 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 Stand Branch Counselor
- Young Professional Outstanding Volunteer Award
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year

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 2020	IEEE Higher Grade Member in 2022	Growth Percentage in IEEE Higher Member Grade
1759	1034	41% Reduction

- Activities for/with industrial members

Event	Date	Location
International Industrial Activities Conference (IndCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Professional Activities Conference (ProCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka

B.9 Humanitarian Technology Activities

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

Event Title	Event Date	Event Location
Coloring a Sustainable Future : North South University,PE31	18/04/2022	Plot-164, Block-B, Road 4 Bashundhara R/A , Dhaka, Dhaka, Bangladesh
International Congress on Sustainable Future (ICSF 2022) : Bangladesh Univ of Business & Tech,C16	25/04/2022	BUBT Campus, Dhaka, Bangladesh
Project Sporsho : Brac University	26/04/2022	Brac University, Dhaka, Dhaka, Bangladesh
Webinar on Crafting a research: from Hello world to publication : University of Dhaka SIGHT	30/04/2022	Virtual
Take a small step and stand beside flood affected people : Rajshahi University of Eng & Tech	29/06/2022	Rajshahi, Rajshahi, Bangladesh

- SIGHT Activities

Event Title	Event Date	Event Location
Webinar on Crafting a research: from Hello world to publication : University of Dhaka SIGHT	30/04/2022	Virtual

B.10 Community Activities

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

Event	Date	Platform
IEEE DAY & ADA LOVELACE DAY 2022 Celebration	20 Oct 2022	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 and IEEE Madhya Pradesh Section in collaboration with their WIE Affinity Group jointly organized the 8th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering 2022 (IEEE WIECON-ECE 2022). at International Institute of Information Technology, Naya Raipur (IIIT-NR), INDIA. The conference was hosted during 30th & 31st December 2022.

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

- Support extended for organising technical, educational and professional activities
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Event	Date	Location
International Industrial Activities Conference (IndCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Professional Activities Conference (ProCon 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Symposium on Social Implications of Sustainable Technology (SympSIST 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
International Student-LED Conference (Student-LED Con 2022)	24-25 June 2022	University of Asia Pacific, Dhaka
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International Industrial Activities Conference Entrepreneurship Contest collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
International Professional Activities Conference Topic: Pitching Competition 2022 collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar
International Student-LED Conference Idea Contest 2022 collocated with ICCIT 2022	17-19 Dec 2022	Long Beach Hotel, Cox's Bazar

- 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 organization 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 need of 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 jobloss was a huge challenge. So, running 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 get access to 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 dur to 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 D.1 Continuation of project/activity in progress and their implementation plans

- Teacher in Service Program (TISP)
- IEEE WIECON-ECE 2023
- SympSIST 2023
- Distinguish 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 AP-MTTS join chapter, IEEE PELS, IEEE NPSS.
- Enhancing activities of societies of Bangladesh chapter, such as IEEE SPS, IEEE RAS, IEEE SSIT 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 and 2022. In 2023 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 survey and develop a student network to make strategies for sustainable membership. Registration benefit 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 to be self-sustainable.