

Ghana Section

George Eduful

Section Vitality

The Section’s last election was held on 7th November, 2020. Notice was served to all active members in September 2020 to submit their nomination to the Election Officer on or before November 7 using the vtool.

In all, 14 positions were published as follows:

1. Chair
2. Vice Chair
3. Secretary
4. Treasurer
5. Membership Development and Membership Activities Officer
6. Professional & Technical Activities coordinator
7. Publication and Newsletter Officer
8. Electronics Communication Coordinator
9. Affinity Groups Coordinator
10. Student Activities Coordinator
11. Student Advisory Chair
12. Award and Recognition Chair
13. Industrial Relations Officer
14. Webmaster

The chair position was contested by two candidates but one later withdrew his candidature, in the person of Dr. Eric Kuada. The position of the Students Activities Coordinator was also contested by two candidates but one candidate, in the person of Fredrick Atta Yawson had to be pulled from the race because their membership was yet to be renewed.

In all, 146 active members were served with ballots but only a total of 27 responded on the election day. Below are the statistics for the election.

ballot-results			
Ballot	Ghana Section Election		
Start Date	November 28, 2020		
End Date	November 28, 2020		
Position	Candidate	Votes	Percent
Chair	George Eduful	27	100
Vice-Chair	Felix Akpagloh	19	70.3
Vice-Chair	Quist-Aphetsi Kester	8	29.6
Secretary	Franklin Kumassah	27	100
Treasurer	Ebenezer Minkah	27	100
Student Advisory Chair	Miriam Eduful	20	74
Student Advisory Chair	CATHERINE ASIRIFI	7	25.9
Student Activities Coordinator	PRECIOUS ASANTE	27	100
Membership Development and Activity Coordinator	Maxwell Addison	27	100
Professional and Technical Activities Chair	Joseph Essandoh-Yeddu	27	100

The election was conducted via the vtools e-voting systems.

The next election will be conducted in November, 2022. We do not practice a system where the Vice-Chair becomes the next Chair.

Ex-Meetings

In all, we held a total of four Ex-Com meetings. Due to the COVID-19, most of our meeting were held via virtual platforms. The meetings were mostly administrative and technical.

Activities carried out to retain and recruit members and the results obtained

A one-day seminar was organized by the All Nations University Chapter, ANUC of IEEE on the campus of All Nations University, Koforidua with the support by IEEE Ghana Section. Students expressed their fears as the entire world came to a standstill in March 2020 and they saw and read from only news portals and TV station how people just stayed home or avoided work to be alive. The students were advised to continuously engage with the IEEE and maintain their membership to help widen their scope of becoming globally acclaimed young engineers and professional engineers. The program was

well attended online as a link was shared to a number of students and even professionals taking part in the program. Two students (Ms. Gloria Afful and Mr. Micheal Okyere) were tasked to put a team together to get activities of the chapter back to its active state

Students

Due to the COVID-19, our activities were limited. This affected our effort in forming new student chapters.

Affinity Groups

1. Young Professional Activity Group
2. Women in Engineering Activity Group

The Young Professional Activity Group actively participated in the IEEE Region 8 Students and Young Professionals (SYP) Congress. The congress was Virtual and was held from Monday, 14th to Saturday, 26th September 2020.

All the Exertive Committee Members of the IEEE Ghana Section participated in the event. A dedicated room at the Ghana Communications Technology University (GCTU) was set for this purpose.

The SYP chapter of the IEEE Ghana Section took their turn on Thursday, September 24, 2020. The programme started at 19:35 (CEST) with an opening remark from Dr. George Eduful, the Chairman, IEEE Ghana Section, followed by Maxwell Darko Addison, the vSYP 2020 Ambassador.

We had two presentations from two experts, one from Dr. Kester Quist-Aphetsi and the other from Dr. Joseph Essandoh-Yeddu. Dr. Kester Quist-Aphetsi presented the topic: “Future of Connectivity: AI and Cybersecurity”, while Dr. Joseph Essandoh-Yeddu’s topic was “Covid19 Impact on Energy Use and Digitization, Now and For the Future”.

The programme was broadcast/live stream on Facebook and on the Ghana Communications Technology University, (GCTU) campus-based television with over one thousand viewers. The attendance/ viewership was quite encouraging. We had over One Thousand (1000) viewers/ attendees.

Chapters

1. Power and Energy
2. Joint Communication and Computer

Student Branches

3. Regional Maritime University
4. Kwame Nkruma University of Science and Technology
5. Pentecost University
6. All Nation University
7. Blue Crest University College
8. Methodist University College

Industry

- We organized Tech-Talk Series at selected universities and industries. The programme provides platform for practicing engineers to engage with university students. By this means, we get the industry to be more involved in IEEE activities. In turn, student get to know more about industrial problems and how they (the student) can become problem solvers by taking some of the problems as their project works.

Activities since the last report

- Our Tech-Talk programme was one of our events that worked very well. However, due to the COVID-19, we were not above to run the Tech-Talk programme on regular basis.

Planned activities

Our programme for 2021 is attached below.

IEEE GHANA SECTION 2021 PROGRAMME					
	Description	Date	Topic	Resource Person	Venue
1	IEEE Tech-Talk Series-1	March, 2021	Design of Power Substation Grounding Grid	Dr. George Eduful	Virtual
2	IEEE Workshop	April, 2021	Electrical Wiring Regulations for Professional Engineers and Certified Electricians	Dr. Joseph Essandoh-Yeddu	In-person/Virtual
3	IEEE Tech-Talk Series-2	April, 2021	Safety Culture in the Aviation Industry	Ing. Isaac Kweku Boakye	Virtual
4	IEEE Workshop	May, 2021	Software Engineering and Startups	Dr. Eric Kuada	In-person/Virtual
5	IEEE Tech-Talk Series-3	May, 2021	Flourescent I maging for Agriculture and Galamsey Monitoring	Ing. Franklin Kumassah	Virtual
6	IEEE Tech-Talk Series-4	June, 2021	Short Circuit Fault Analysis	Ing. Armstrong Ababio	Virtual
7	IEEE Workshop	June, 2021	Earthing, Surge and Lightning Protection Sysytem	Dr. George Eduful	In-person/Virtual
8	IEEE Workshop	July, 2021	Strategies for Implementing Local Content Regulations in Electricity/Power Sector	Dr. Joseph Essandoh-Yeddu	In-person/Virtual
9	ICAST 2021 Conference	July, 2021	Presentation on Various Engineering and Technological Topics	Authors	Accra International Conference Center
10	IEEE Tech-Talk Series-5	September, 2021	Sizing Capacitor Bank to Avoid Resonance in Power Systems	Dr. George Eduful	Virtual
11	IEEE Workshop	October, 2021	Sizing Solar PV for Industrial Customer	Ing. Ekow Kwofie	In-person/Virtual
12	IEEE Day 2021	November, 2021	For Active and Non-Active IEEE Members	Open	To be announced
13	IEEE AGM	December, 2021	Active Members ONLY	IEEE Ghana Section Ex-Com	To be announced

How Region 8 can be of help to your Section, members, and activities

Our main challenge last year was COVID-19. We were not able to execute most of our programme due to lockdowns and restriction of movement. Region 8 can help the Section by occasionally running a virtual programme specifically for the section to discuss some benefits of joining the IEEE and the need to continuously retained your IEEE Members. Members will be happy to have engagement with IEEE Region 8 executives, at least once in a year.