

Section Name: Nigeria Section

Reporting Officer Name: Abdullateef Aliyu

Section Vitality

The Section held elections for the new set of leadership in Q4 2021. The schedule of the election is shown below:

DATE

9th Sep. to 19th Sept 2021

26th Sept. to 4th October 2021

7th to 27th October 2021

On or before 3rd November 2021

ACTIVITIES

Nomination and collection of the form online

Publication of Screening committee report

Election

Collation and Announcement of result

Details about the guideline of the election can be found [here](#). The Name and position of the new leadership of the section are as follows:

NO	SURNAME	Other Names	NEW POSITION 2022-23
1	Oyewole	Funso-Adebayo	Chair
2	Achumba	Ifeyinwa	V. Chair
3	Alonge	Wale Emmanuel	Treasurer
4	Okafor	Kennedy	MD
5	Aliyu	Abdullateef	Secretary
6	Haruna	Gana	Ass. Secretary
7	Muibideen	Mistura	Publicity Secretary
8	Ogu	Ugomma Deborah	SAC Chair
9	Enemoh	Chigozie	Ass. Publicity Sec
10	Onorshakpor	Raphael	IPC
11	Chukwudebe	Gloria	PC
12	Adekanye	Isaac	PC & Trustee
13	Salihu	Tunde	PC & Trustee
14	Ogu	Reginald	Webmaster
<u>CHAPTER CHAIRS</u>			
15	Muibideen	Mistura	Chair, YP
16	Faruk	Nasir	Chair, Communication Society
17	Olumide	Longe	Chair, Computer
18	Buhari	Mohammed	Chair, PES
19	Enahoro	Patience	Chair, WIE

The next election will be Q4, 2023.

Students

The list of Active Student Branches in Nigeria Section are shown below:

University of Lagos

University of Ibadan

Nnamdi Azikiwe University Awka

Afe Babalola University

Institute of Management Technology

University of Portharcourt

Nile Turkish University

Ahmadu Bello University

Obafemi Awolowo University

Federal University of technology owerri.

Elizade University

Enugu state University of technology

Rivers State University

Niger Delta University

Federal University of Technology Minna

University Of Nigeria Nsukka

Section Activities till date

1. Students Leadership Summit (28th October 2021 , 78 students in attendance)
2. Webinar on Career in Cyber Security and Machine Learning(29th October 2021, 39 students in attendance)
3. Training on Robotics and Automation (31st July 2021 41 students in attendance)
4. Pre-University Mentorship Events(ongoing from March 2022 - May 2022, 52 volunteers)
5. Training on a career in Research and Technical Paper Writing(26th Feb 2022, 41 students in attendance)
6. Monthly Students meeting for the section.
7. Entrepreneurship boot camp and pitching competition(20th September 2021 - 27th November 2021, 45 students in attendance)
8. Student’s executive member training.(10th August 2021, 22 students in attendance)

Planned Events

1. Coding training and Hackathon Q2 2022
2. 2022 Students Conference and technical contest Q2 2022
3. Robotic and hardware design training. Q3 2022
4. Industrial Visit Q2 2022
5. Students branch chair executive meeting. Q2 2022
6. Know your IEEE quiz competition Q2 2022

Affinity Groups

Young Professionals

1. YP participated at the 1ST ICEECE & AMF 2021 organized by the Department of Electrical and Electronic Engineering Department, University of Ibadan, Ibadan, Nigeria.



2. YP Nigeria- The Past, Present, and Future – Jan 2022.



Topic:

YP Nigeria: The past, present, and the future.

SPEAKERS



The YP discussed, Onboard, and organize YP committees. Formulated new Initiatives to create values for YPs. Improvement to YP websites and social media presence Collaboration with SAC Events STEP Local Activities/ Webinars.

3. A Meet-up is organized for the IEEE Nigeria Section flagship conference NIGERCON in May 2022.

SIGHT:

There are (2) two existing SIGHT Affinity groups in the section.

- Nigeria Section SIGHT
- Enugu State University of Science and Technology SIGHT

SIGHT Activities in Nigeria

Nigeria SIGHT members worked on a variety of projects ranging from providing personal protective equipment (PPE), infection control devices, power, and information and communication technology (ICT) to several rural areas in Nigeria in order to prevent the spread of covid19. Some are currently in progress, while others are completed.

Some projects are as listed below

- Sensitization and provision of locally produced PPE for the prevention of COVID-19 spread in Neni
- Advanced COVID-19 Market Place Robot (CMPR in Ihiagwa Host Community)
- Improving Digital Technology in Mushin Community as a way to mitigate the effects of Covid-19
- IEEE Solar-Powered Blood Bank (SPBB) for University of Calabar medical center
- Development of a USSD-based platform for tracking and reporting covid19 in Nigerian rural areas

Outcomes

Our volunteers' efforts to mitigate covid-19 transmission have resulted in rural populations being more aware of the virus and taking preventative measures, resulting in a lower rate of spread. Covid-19 signs were being detected in real-time by the robot. Because the country was under partial or complete lockdown, teenagers and women were taught various soft skills in order to adjust to the new normal. Our volunteers have made a positive influence on the lives of residents in rural areas and even major metropolises by using technology.

Projection for the year 2022 and beyond

Strong public awareness campaigns to encourage all universities to establish a Student Branch SIGHT to address the needs of local communities.

Consultants Network Affinity Group

Activities

- IEEE CN-AG Exco Meeting: , 30 Nov 2021 09:00 AM
- On Friday 26th Nov., 2021, - The future of Robotics in Africa:Human-Manchine Collaboration.
- 10th Nov, 2021- Connecting All Nigerian Tertiary Institutions to High-Speed Internet: Challenges, benefits and Sustainability hosted by AAIMLON.
- IEEE collaborated Conference took place on 15th -16th July, 2021 - 1st International Conference on Multidisciplinary Engineering and Applied Sciences, (ICMEAS, 2021), at Nile University, Nigeria
- IEEE SPAC Week, 2021 at Nnamdi A zikiwe University Awka-Nigeria.- Theme: Future Generation Technologies.
- IEEE CN-AG Participated JETS Week/Day, 2021, Disruptive Technologies for Teaching & Learning, hosted by Assemblies of GOD bethel Seminary, Nekede, Nigeria.
- APNG Asia Vs IEEE CN-AG Webinar- Innovations in Robotics, AI, & Industry 4.0: The Cloud Perspective, Saturday, 18th Dec., 2021.



Other hosted events include

- Cisco Digital Skills As a Catalyst for Humanitarian Technology, 20 Nov 2020 08:00 PM
- Future Energy Technologies
- Cisco Umbrella Cloud Security Demo Session
- Live Webinar, Financial Intelligence & Investments in Post COVID-19 Era, 1th Jan, 2022. The program was of much importance to such an extent that it drew the attention of some industry experts and seasoned academics including a few Exco members. In all, the program was attended by 56 persons.

Upcoming Events

- Application of AI & Robotics in Health technology to be held on 7th-8th April, 2022, by Federal College of Dental Technology, Therapy Enugu, FEDCOTTEN, in Collaboration with IEEE SE-Subsection.
- IEEE CN-AG Conference- Academia in information Technology Profession (AITP) 5th IT for Education and Development, ITED, Theme- Changing the Narration: Building a Secure Society, with IT; to be held On 6th-8th Sept, 2022, Nile University, Abuja.

Women In Engineering

Date: 12-Mar-2022

Event Type: In-person event, ACE Conference Hall, Obafemi Awolowo University, Ile-Ife

Topic: Gender Equality today for a Sustainable Tomorrow

Speakers: Mariene Mhangami, Majemu Olowodola, Eniola Ipoola, Zainab Jimoh, Feyisayo Awopetu, Ibukun Ogunnaike, Tolulope Oguntayo

Organizer: Obafemi Awolowo University IEEE SB WIE



Chapters

Computer Society

Activities carried out by Computer Society from Q4 2021-Q1 2022 include:

1. IEEE Day 2021: Technical Meeting
<https://events.vtools.ieee.org/m/278454>

This is a technical meeting of IEEE Computer Society - Nigeria Section Chapter. In the event, IEEE Day was celebrated. This event took place on 06 Oct 2021 via Zoom.



2. Pre-University Student Workshop and Competition on EMBEDDED SYSTEMS 2021 (EMBED'21)
<https://events.vtools.ieee.org/m/278452>
The IEEE Computer Society - Nigeria Section Chapter in collaboration with the IoT-Edge Computing Research group of the Department of Software Engineering, Federal University of Technology, Owerri organized the Pre-University Student Workshop and Competition on EMBEDDED SYSTEMS 2021 (EMBED'21). The event which was sponsored by the IEEE Tryengineering STEM Portal Grant featured a workshop and competition event for pre-university students and teachers. The two days event was held on October 13th and 14th 2021. The event took place in the Federal University of Technology, Owerri, Imo State (located in the South-Eastern part of Nigeria).

3. Pre-University Stem Outreach @ Bethel
<https://events.vtools.ieee.org/m/295228>
This is an extended event to consolidate the Pre-University Student Workshop and Competition on EMBEDDED SYSTEMS 2021 (EMBED'21) organized by the IoT-Edge Computing Research group of the Department of Software Engineering, Federal University of Technology, Owerri in collaboration with the IEEE Computer Society - Nigeria Section Chapter.

The workshop took place at the Assemblies of God Bethel Seminary as part of the Junior Engineers, Technicians and Scientists (JETS) club's week on 21 – 23, November 2021.

ComSoc

Activities carried out by Communication Society from Q4 2021-Q1 2022 include:

- 15/10/2021- **IEEE and IEEE ComSoc Membership and Benefits drive**: The IEEE ComSoc Nigeria Chapter Exco attended and participated in the Electrical Engineering student congress of the Rivers State University Port Harcourt, Rivers state, Nigeria. We had a session to educate the students on the membership benefits of the IEEE and the IEEE ComSoc and the membership discounts available at this time. We also tried to engage some of the lecturers identified as potential SB councilors.

- 06/10/2021- **TECHNICAL / ADMINISTRATIVE MEETING**: Technical topic- Bridging The Gap Between Technology and Engineering Practice in Nigeria

- 07/07/2021- **TECHNICAL / ADMINISTRATIVE MEETING**: Technical topic: Storage systems for solar generation

- 05/07/2021- **IEEE ORIENTATION IN NIGERIAN UNIVERSITIES**: The Orientation program is part of the activities of the IEEE ComSoc Nigeria to educate and sell the benefits and privileges attached to active membership and participation in professional and industry activities.

- The IEEE Nigeria ComSoc chapter Chair is an integral member of the IEEE Nigeria Section executive committee and actively participates and contributes to the activities and programs of the Section.

Power and Energy Society

PES Quarterly Excom was held on 5/10/21 and a webinar on 'Bridging the gap between technology and engineering in Nigeria' by Lucky Ikhioya was held on 6/10/21

Industry

- The Continued program was launched and 2 organizations Phase 3 Telecom and Nile University have subscribed with interest with other organizations on queue to subscribe.
- The Internship program in the Section is still ongoing
- Industry Summit is scheduled in 2 locations in Abuja and Lagos.
- Respective MOU signed are undergoing execution
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Activities since the last report

- Planning for the 4th Flagship conference of IEEE Nigeria section is ongoing on weekly basis with over 25 meetings held

- Various student activities as reported

Planned activities

- Student Congress
- Know your IEEE quiz competition
- NIGERCON 2022
- Industry Visitation
- IEEE Nigeria technical and Administrative Meeting
- Young Professionals Meetup

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

1. Community/Humanity:

Sustainable Development Goal 1, one of the 17 Sustainable Development Goals established by the United Nations in 2015, calls for the end of poverty in all forms. The official wording is: "No Poverty".

Considering the global need at this time, we can also look at the R8 humanitarian alignment and IEEE HAC with the SDGs.

2. New initiatives:

Critically looking inwards the IEEE we have so many new initiatives we're yet to onboard as a whole.

Maybe we start from what we've sustained and failed at, then we can propose an all inclusive new initiatives to add up?

3. Leadership of all AG and OUs:

For instance, handing over has not been that smooth for the SBs. A proposal will be to have sponsored VOLT training for sections.

Any other issues of interest