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:

<table>
<thead>
<tr>
<th>DATE</th>
<th>ACTIVITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th Sep. to 19th Sept 2021</td>
<td>Nomination and collection of the form online</td>
</tr>
<tr>
<td>26th Sept. to 4th October 2021</td>
<td>Publication of Screening committee report</td>
</tr>
<tr>
<td>7th to 27th October 2021</td>
<td>Election</td>
</tr>
<tr>
<td>On or before 3rd November 2021</td>
<td>Collation and Announcement of result</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>NO</th>
<th>SURNAME</th>
<th>Other Names</th>
<th>NEW POSITION 2022-23</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Oyewole Funso - Adebayo</td>
<td>Chair</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Achumba Ifeyinwa</td>
<td>V. Chair</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Alonge Wale Emmanuel</td>
<td>Treasurer</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Okafor Kennedy</td>
<td>MD</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Aliyu Abdullateef</td>
<td>Secretary</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Haruna Gana</td>
<td>Ass. Secretary</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Muibideen Mistura</td>
<td>Publicity Secretary</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Ogu Ugomma Deborah</td>
<td>SAC Chair</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Enemoh Chigozie</td>
<td>Ass. Publicity Sec</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Onorshakpor Raphael</td>
<td>IPC</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Chukwudebe Gloria</td>
<td>PC</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Adekanye Isaac</td>
<td>PC &amp; Trustee</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Salihu Tunde</td>
<td>PC &amp; Trustee</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Ogu Reginald</td>
<td>Webmaster</td>
<td></td>
</tr>
</tbody>
</table>

CHAPTER CHAIRS

<table>
<thead>
<tr>
<th>NO</th>
<th>SURNAME</th>
<th>Other Names</th>
<th>NEW POSITION 2022-23</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Muibideen Mistura</td>
<td>Chair, YP</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Faruk Nasir</td>
<td>Chair, Communication Society</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Olumide Longe</td>
<td>Chair, Computer</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Buhari Mohammed</td>
<td>Chair, PES</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Enahoro Patience</td>
<td>Chair, WIE</td>
<td></td>
</tr>
</tbody>
</table>

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 Porthacourt
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.

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 Covid-19. 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
- 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

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 Ogunnaife, 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 IEEETryengineering 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 Sate (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-Q12022 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 Continu>ED 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

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