## R8 Vice Chair-Student Activities                     Abdullateef Aliyu

**Goals**

1. Decentralize the operation of the Student Activities Committee (SAC) into smaller manageable units with a plan to evolve into a standing committee in the future.

   **KPI:** Established min of 3 Ad-hoc with Clear responsibilities by April 2023

2. Promote good communication between student members, counselors, and the Student Activities Committee.

   **KPI:** 100% dissemination of information as it relates to respective Chairs SB, SBC, and Counselors using appropriate tools and platforms.

3. Improve student membership experience in the region and promote membership growth, Membership Development initiatives.

   **KPI:** Conduct a survey twice a year targeted to student branch leadership and ensure min of 10 training Virtual/In-person to address concerns in 2023.

   Reach out to non-active student branches while targeting to improve the active involvement of 20% of non-active student branches while working with student branches to appoint/nominate membership development officers in active student branches by end of the year.

4. Increase collaboration with other OUs YP/WIE/HuAc/ AfI

   **KPI:** Collaborate 100% with YP, WIE, HuaC, and AfI on student-related initiatives year-round.

5. Increase awareness of varieties of Student programs, events, Contests/competitions.

   **KPI:** Restructure the content of the SAC website for ease of understanding by end of Q2 while intensifying social media content.

   Conduct and complete the student paper contest for 2023 and initiate the 2024 edition of the contest

6. Supporting xSYP/SYP and making sure the success of the flagship congress.

   **KPI:** Work closely with Young Professional AG and provide 100% support to the respective host of the 2023 Cross-Sectional Congresses by providing templates that will aid the success of the congress.

7. Recognize Excellence with Awards

   **KPI:** Reach out 100% to qualified leadership of student branches to apply to MGA and Regional awards during the open call while providing content for each category that will aid their application.

**Status**

**1. Student Activities Committee Update**

The Committee now constitutes 3 ad-hoc committees led by 3 members of the SAC Team as follows:

**Ad-hoc Committee on Contests, Awards, and Recognitions** - Vera Markovic (Chair)

This committee will be responsible for the Student Paper contests, IEEE Xtreme Competition, IEEE Duino Competition, R8 Students Awards, MGA Awards, and Other Student competitions in Region 8.

**Ad-hoc Committee on Training and Leadership Support** - Khaldoun Taktak (Chair)

This committee will train, coordinate and generate feedback from the student branch Chair, Student branch Counselor, and Student Branch Chapters. Provide orientation to newly formed student branches, Student branch chapters, and affinity groups. Basically, working closely with the respective student branches, and student branch chapters in the Region. Affinity Groups to understand their needs and provide services that meet the needs.

**Ad-hoc Committee on New Initiatives** - Vildana Hrnjić (Chair)

Responsible to work closely with other OU and committees on student-related initiatives collaboration from Ideation to implementation within IEEE or outside of IEEE on new Initiatives
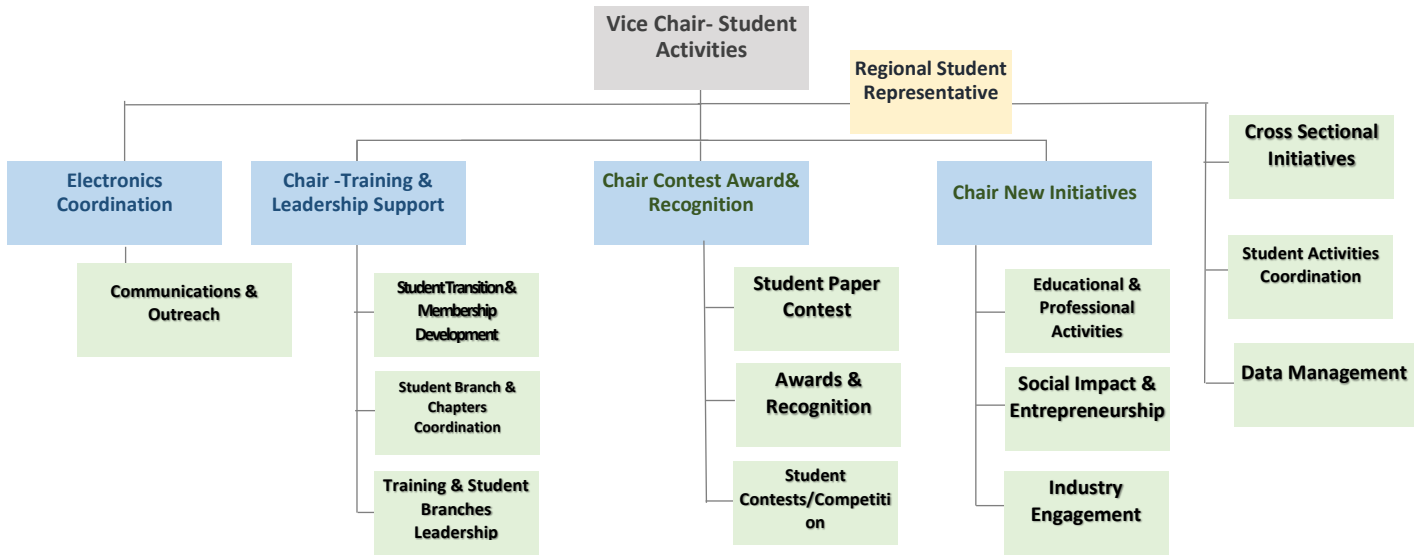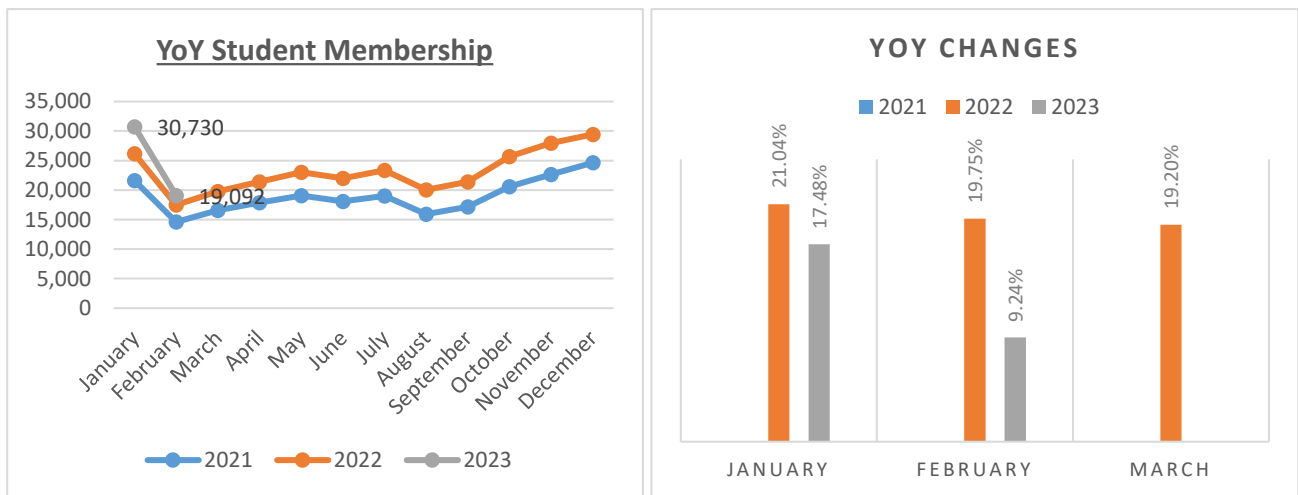
**Figure 1:** Student Activities Structure

## 2. Student Membership Statistic

Student membership is at 19,092 as of February 2023 which indicates a 1615 increase in the number of students membership compared to February 2022. This trend shows a 9.24% increase in student membership compared to February 2022



The student membership dropped by 6572 members due to the February 28th cut-off date.

|      | January | February | March  | April  | May    | June   | July   | August | September | October | November | December |
|------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|
| 2023 | **30,730** | **19,092** |        |        |        |        |        |        |           |         |          |          |
| 2022 | 26,157  | 17,477   | 19,770 | 21,408 | 23,019 | 22,002 | 23,347 | 20,049 | 21,374    | **25,664** | **27,935** | **29,438** |
| 2021 | 21,611  | 14,595   | 16,585 | 17,890 | 19,082 | 18,110 | 18,987 | 15,948 | 17,194    | 20,595  | 22,671   | 24,632   |

## 3. Student Organizational Units

|  | Student Branches | Technical SB Chapters | WIE SB Affinity Groups | HKN SB Chapters | SIGHT University Groups |
|---|---|---|---|---|---|
| **CURRENT** | 750 | 576 | 158 | 10 | 10 |
| **CHANGE FROM Oct 2022** | +18 | +52 | +5 | - | - |

**Student OU Petition Status**

|  | **Received Petition** | **Processing** | **Approved** | **Rejected** |
|---|---|---|---|---|
| **Student Branch** | 6 |  | 5 | 1 |
| **Student Branch Chapter** | 18 | 4 | 11 | 3 |
| **Student Branch AG** | 4 | 3 |  | 1 |
|  |  |  |  |  |
| **Total** | 28 | 7 | 16 | 5 |

## 4. Student Branch Annual Plan Reporting

Despite multiple reminders to Student branch Chairs, counselors, and Section Chairs on annual plan reporting, 322 reports were received by the due date of 1st February.
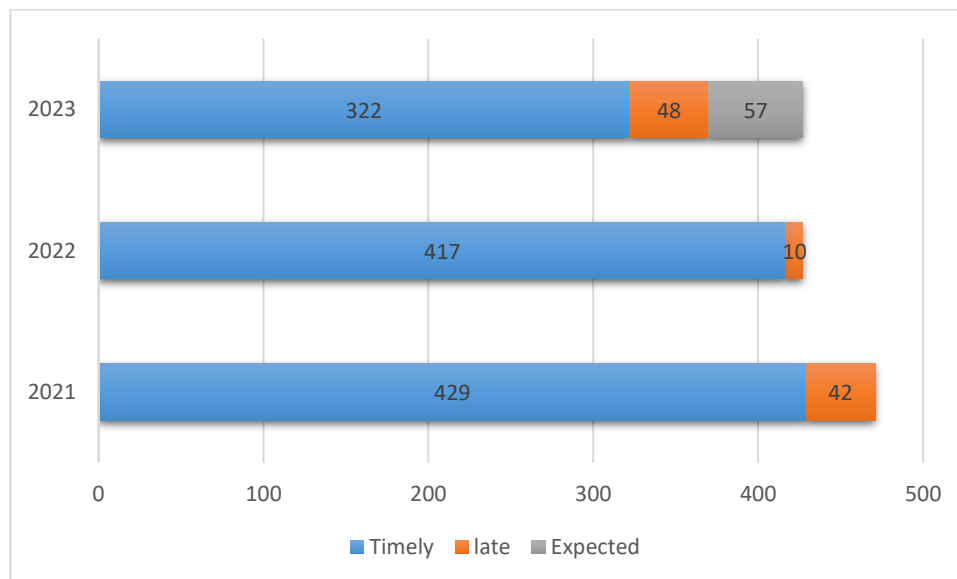


## 5. Section Student Activities Officers Training Camp in Antalya

IEEE R8 SAC hosted an in-person Section Student Activities Officers Training Camp in Antalya, Turkey on February 24th to 26th, 2023. There were more than 25 participants from 17 different sections [Turkey, Kenya, Poland, Oman, Bosnia and Herzegovina, Tunisia, Serbia, Montenegro, Qatar, Jordan, Bahrain, Uganda, Sweden, Algeria, UK, and Ireland Section]. Participants were trained on student branch programs, student awards, and contests, technical activities, women in engineering, publicity, membership development, available tools and resources, required reporting, as well as their own section student activities role and action plan. The participant rated the training as extremely beneficial.

## 6. Cross-Sectional Congresses

4 out of 7 Cross-Sectional Congress concluded. 3 still open and to be rounded by end of March 2023. The 3 open call includes MESYP, HSYP, and NSYP.

| XSYP | Country | OU | Month | Date | Venue | Location | Remark |
|---|---|---|---|---|---|---|---|
| NASYP | Egypt | Section & YP | August | 25th-27th | Egypt University of Informatics (EUI) | Cairo | Announced |
| ASYP | Nigeria | SB & YP | July | 27th-29th | Baze University | Abuja | Announced |
| CEuSYP | Poland | CUTSB | October | TBC | | Krakow | Announced |
| WESYP | Switzerland | EPFL SB | September | 15 - 17th | EPFL Campus | Lausanne | Announced |

### 7. Student Paper Contest

The fifty-sixth (56th) edition of this prestigious and long-standing R8 student contest has been completed. There were 13 submissions in total, of which 12 were accepted as valid. The papers were submitted by the following student branches: UCLouvain University (Belgium); two papers by Imperial College London (UK); University of Birmingham (UK); University of Niš (Serbia); Multimedia University of Kenya (Kenya); Kyambogo University (Uganda); Mutah University (Jordan); University of Ljubljana (Slovenia); University of Maribor (Slovenia); King Abdulaziz University (Saudi Arabia); and Higher Institute of Applied Science and Technology of Sousse (Tunisia).

The SPC 2023 international jury, whose members are: Prof. Gianfranco Chicco from Italy, Prof. Joao Carlos Ferreira from Portugal, Prof. Paul Micallef from Malta, and Prof. Vera Markovic from Serbia, has anonymously selected the following five papers (listed in alphabetical order) for the Regional Oral Finals:

- Jakub Lála, Imperial College London, UK, "Coarse-Graining of Molecular Dynamics Using Neural Ordinary Differential Equations"
- Jonathan Parion, UCLouvain University, Belgium, "Low-temperature admittance spectroscopy for defect characterization in Cu(In,Ga)(S,Se)2 thin-film solar cells"
- Sarah Alyafeai, Rawan Duhaithem, Sara Alamoudi, King Abdulaziz University, Saudi Arabia, "Smart Assistive Wearable Device for Alzheimer's Patients"
- Saša Obradović, University of Ljubljana, Slovenia, "Evaluation of inertial measurement units and non-invasive muscle contraction sensors for monitoring cycling biomechanics"
- Wenqiang Lai, Qihan Yang, Ye Mao, Endong Sung, Jiangnan Ye, Imperial College London, UK, "Knowledge Distilled Ensemble Model for sEMG-based Silent Speech Interface"

SPC 2023 Oral Finals will be organized within the scope of R8 flagship conference EUROCON 2023, in Turin, Italy, July 6-8, 2023. The awards for students are $800, $500, and $200 for first, second, and third place, respectively, and the award for the winner's Student Branch is $250.

**Important updates:**

### Award – Call for nomination still open for MGA Student Awards

The call for nomination for the following MGA awards is open with the due date of 31st March. Students are encouraged to apply for these awards.

Regional Exemplary Student Branch Award
Larry K. Wilson Regional Student Activities Award
The Darrel Chong Student Activity Award
Outstanding Branch Counselor and Branch Chapter Advisor Award

For more information, contact sac-awards@ieee.org

### Website and Content

**The 120ᵗʰ IEEE Region 8**
**Committee Meeting**

http://march-2023.ieeer8.org/
Bucharest, Romania, 25–26 March 2023

The IEEE R8 SAC website is being renovated with updated menus and content. It includes important information for Student Branches, such as important deadlines, MGA and regional awards gathered in one place, and R8 SAC webinars. Also, new and renovated guides for Student Branches can be observed for hot topics including student OU formation, reporting procedures, available tools and programs, and counselor appointment procedures.

**Outlook**

**<u>IEEE Duino competition</u>**

The IEEE Duino competition for students will continue this year, student should look out for the call by May 2023.

**<u>IEEE YESIST12 2023</u>**

This Initiative has been happening for many years in Region 10, but this is the first year we are bringing it to Region 8

**Points of Concern**

- ✓ SB Reporting and SBs on the probation list
- ✓ Student member recovery and retention
- ✓ Understanding various programs by the committee

**Other Issues to report**

We need to identify more Section Student Representatives and Student Activities Committee Chairs.