

# 117<sup>th</sup> IEEE R8 Committee Meeting – Fall 2021

*Student Activities Committee*

***Simay Akar***

*IEEE R8 Vice Chair Student Activities*



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 IEEE R8 Student  
Activities Committee

# IEEE Region 8 Student Activities Committee



**Simay  
Akar**

*Turkey*

Chair, Student  
Activities Committee



**Maciej  
Borówka**

*Poland*

Past Chair, Student  
Activities Committee



**Theodoros  
Chatzinikolaou**

*Greece*

R8 Regional  
Student Representative



**Gerard  
Duff**

*Sweden*

R8 SAC Young  
Professionals Liaison



**Lee  
Crudgington**

*UK and Ireland*

R8 SAC Awards and  
Contest Coordinator



**Sally  
Musonye**

*Kenya*

R8 SAC WIE Student Branch  
Affinity Groups Coordinator



**Muhammad  
Al-Barham**

*Jordan*

R8 SAC Student  
Branch Chapters Coordinator



**Fayrouz  
Fattoum**

*Tunisia*

R8 SAC SIGHT Student  
Groups Coordinator



**Vera  
Marković**

*Serbia and Montenegro*

R8 Student Paper  
Contest Coordinator



**Davide  
Morgado**

*Portugal*

R8 Student  
Branches Coordinator



**Oscar M  
Bonastre**

*Spain*

R8 Student Branches  
Counselors Coordinator



**Mohamed  
Hatem**

*Egypt*

R8 SAC Digital  
Communications Coordinator



**Vildana  
Hrnjić**

*Bosnia and Herzegovina*

R8 SAC  
Outreach Coordinator





Trainings



Working Groups



Collaboration



Section Student  
Activities



New Initiatives



# R8 SAC Working Groups in 2021

Communications & Outreach

Awards & Recognition

Cross-Sectional Initiatives

New Student Contests AdHoc\*

Student Transition & Membership Development

Educational & Professional Activities

Industry Engagement

Training & Student Branches Leadership

Data Management

Social Impact & Entrepreneurship

Student Paper Contest

**R8 SAC is Looking for  
NEW Volunteers**

**APPLY until  
May 15th**



Section Chairs / SSAC  
Chairs

• R8 SAC Chair

Section Student  
Representatives

• R8 RSR

Student Branches Chairs

• R8 Student Branches Coordinator

Student Branches  
Counselors

• R8 Student Branches Counselors  
Coordinator

SIGHT University Groups  
Chairs

• HuAc SAC Liaison

WIE Student Branch AG  
Chairs

• WIE SAC Liaison

Technical Societies R8  
Liaisons

• Student Branches Chapters  
Coordinator



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Recognition



Training



Responsibilities





# IEEE REGION 8 STUDENT PAPER CONTEST

2021 ORAL FINALS







## IEEE STUDENT AWARDS 2021

*IEEE Outstanding Branch Counselor and  
Branch Chapter Advisor Award*



**Congratulations** to all the winners. For more information about the IEEE Student Awards, please visit our awards page at [students.ieee.org/awards/](https://students.ieee.org/awards/)

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## IEEE STUDENT AWARDS 2021

*The Darrel Chong Student Activity Award*



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## IEEE STUDENT AWARDS 2021

*Larry K. Wilson Regional Student  
Activities Award*



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## IEEE STUDENT AWARDS 2021

*IEEE Regional Exemplary Student Branch  
Award*



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IEEE  
Region 8



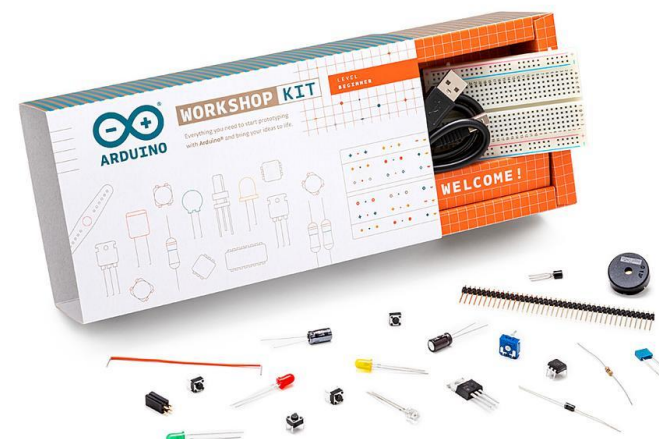
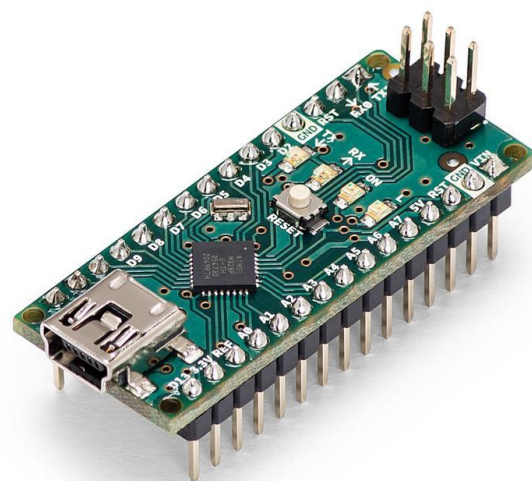
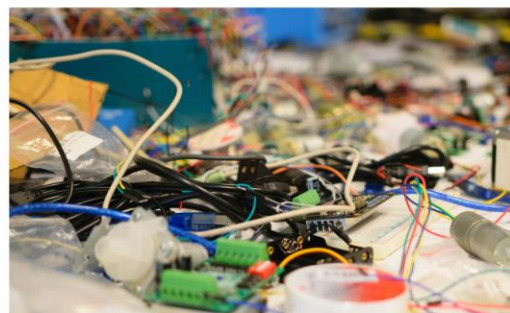
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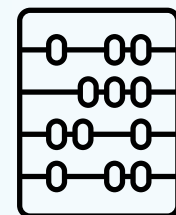
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# IEEEduino Challenge



- **Contest is delivered in two phases:**
- *The design and ideas phase:*
  - Participants asked to prepare a four-page proposal of their idea.
  - Submissions will be selected to participate in the build phase by judging panel.
- *The build phase:*
  - Selected participants will receive an Arduino Nano and development kit.
  - Students may build their design at home, or may use university laboratories
- Final entries will be judged via a video submission.



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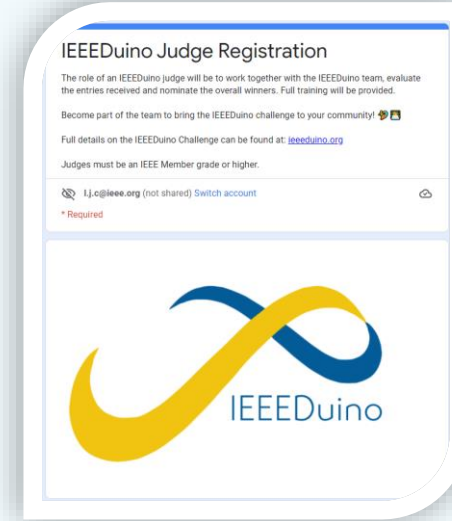
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# IEEEDuino Challenge



## • Progress to Date

- **Ambassadors** – **105** registrations from 27 Region 8 Sections.
- **Judges** – **133** registrations from 33 Region 8 Sections.
- **Participants** – **39** registrations from selected Region 8 Sections. **23** new members joined to participate.
- **Finalists** – **15** teams selected for final evaluation by judge panel.



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## Judging Criteria

- Judging completed by four randomly selected judges on each entry
- Teams reaching threshold score are selected to receive hardware and progress to the next stage.

IEEEduino 2021 Stage 1 Judging Criteria					
Category	0 -- 3	3 -- 6	6 -- 8	9 -10	Points/10
Design and Research (0-10 pts)	Neither realistic nor well researched	Either not realistic or poorly researched	Realistic and adequately researched	Realistic and extensively well researched	
Innovation & Originality (0-10 pts)	The idea is already known in this form	The idea is an adaptation of an existing concept	The idea is substantially original and/or innovative	An innovative and original idea that provides a fresh perspective on the problem	
Practicality and Usefulness (0-10 pts)	Ineffective solution	Minor aspects are effective and useful	Most aspects are effective and useful	A fully effective and useful idea that greatly contribute to fully solve the problem provided	
Achievable Within the Timescale (0-10 pts)	Extremely unlikely to be completed	Over-ambitious within the timescale	Significant effort and resources needed	Feasible within the timescale with good time and resource management	
Total					
Comments					



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# SYPs Future Direction



IEEE R8 VIRTUAL  
STUDENT & YOUNG PROFESSIONAL  
CONGRESS



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# 2021 xSYP Congresses – CCT Update

## ▶ ASYP - hybrid

18 – 20 November 2021

Maxwell Addison – SSAC , Ghana

Kithinki Muriungi – YP Chair, Kenya

Asumogi Alfred – YP Representative, Uganda

## ▶ HSYF - virtual

20 – 21 November 2021

Michalitsis Alkiviadis – SSR, Greece

## ▶ CEuSYP - virtual

26-27 November 2021

Murat Tumer - SSAC, Turkey

## ▶ MESYP - Virtual

12 – 16 December 2021

Amir Suratgar – SSAC, Iran

Ali Hussain Alfayly – YP Chair, Kuwait

Adbulla Alasaadi – YP Chair, Bahrain

Ibrahim Nasar – YP Chair, Western Saudi Arabia

## ▶ NASYP – hybrid

19-22 December 2021

Oussema Fituri - SSAC, Tunisia

## WESYP

Walid Bin Habib, SSAC, Germany







**Section Student  
Activities Officers**



**Student Branch  
Vitality  
Probation List**

# IEEE R8 Committee Meeting – Fall 2021

*Student Activities*

***Theodoros Chatzinikolaou***

*Regional Student Representative*



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# Presentation Outline

- › R8 Section Student Activities Training Program
- › Cross-Sectional Student Initiatives Booster Program
- › New Regional Programs on Student Activities for Sections
- › Student Branch Reporting
- › Student Statistics





# R8 Section Student Activities Training Program

## *Description & Targets*

- ▶ The Section Student Activities Training Program focuses on providing guidance to section officers related to student activities, as well as the necessary training resources to deliver their duties as successfully as possible
- ▶ Targets:
  - Provide the necessary training to SSACs and SSRs to help them on their role
  - Announce new regional initiatives on student activities and encourage sections to participate
  - Share sections best practices on student activities: “inspire and get inspired”
  - Be the meeting place for SSACs and SSRs to meet each other and collaborate

# R8 Section Student Activities Training Program

## Sessions

- ▶ Session 1: Section - Student Branches Engagement
- ▶ Session 2: Student Branch Program Overview
- ▶ Session 3: IEEE Opportunities for Students
- ▶ Session 4:
  - For SSACs: SSAC Meeting
  - For SSRs: Professional Development Workshop
- ▶ Session 5:
  - How to Organize your Sectional SB Officers Meeting
  - How to Organize your Sectional SB Leadership Camp

	Mo	Tu	We	Th	Fr	Sa	Su
APRIL	12	13	14	15	16	17	<b>18</b>
	19	20	21	22	23	24	<b>25</b>
	26	27	28	29	30	1	2
MAY	3	4	5	6	7	8	<b>9</b>
	10	11	12	13	14	15	16
	17	18	19	20	21	<b>22</b>	<b>23</b>
	24	25	26	27	28	29	<b>30</b>
JUNE	31	1	2	3	4	5	6
	7	8	9	10	11	12	<b>13</b>



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# R8 Section Student Activities Training Program

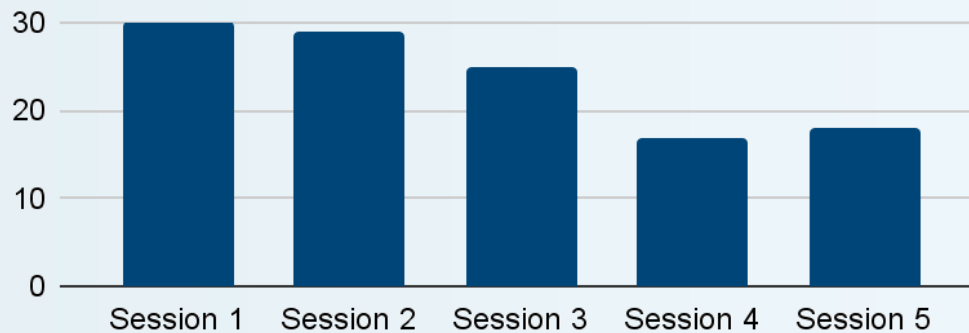
## Participation & Feedback

### ▶ Registrations:

- 45 unique responses
- 23 sections

### ▶ Participation:

- 57 participants  
(about 13 speakers and 44 attendees)



### ▶ Feedback:





# Cross-Sectional Student Initiatives Booster Program

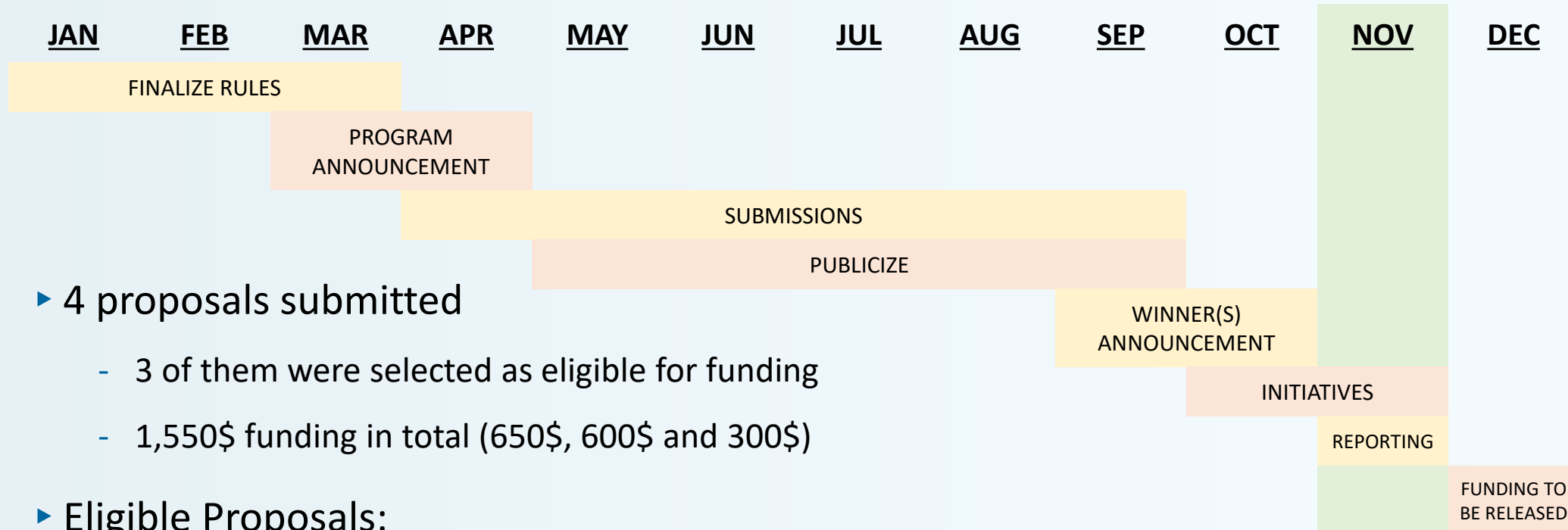
## *Description & Goals*

- ▶ The Cross-Sectional Student Initiatives Booster Program calls for section student activities leaders (Section Chairs, SSACs, SSRs) and student branch leaders (Student Branch Chairs, Counselors) to submit proposals for a cross-sectional initiative or project idea in the area of Student Activities in order to implement it by November 2021 and get funded by up to 1,000\$
- ▶ Goals:
  - Give incentives to IEEE Region 8 Sections and Student Branches for collaborations regarding Student Activities and support them;
  - Provide an opportunity to IEEE Region 8 Sections and Student Branches to initiate cross-sectional programs in Student Activities;
  - Showcase the innovation and drive of IEEE Region 8 Sections and Student Branches to an international student audience;
  - Find, promote and establish creative programs which provide value to IEEE students.



# Cross-Sectional Student Initiatives Booster Program

## Timeline & Results



### ► 4 proposals submitted

- 3 of them were selected as eligible for funding
- 1,550\$ funding in total (650\$, 600\$ and 300\$)

### ► Eligible Proposals:

- Develop Your Robotic Skills in Uganda; Uganda Section
- Bootcamp Back to the Future; Nat'l Inst of Applied Sci & Tech (INSAT) Student Branch, Tunisia Section
- .ACT project; Josip Juraj Strossmayer Univ of Osijek Student Branch, Croatia Section

# New Regional Programs on Student Activities for Sections

## *Sectional Student Branch Officers Meeting Program*

- ▶ The Sectional Student Branch Officers Meeting Program focuses on gathering all Student Branch officers of each section in a Congress format to allow sharing ideas, practices and different realities of each Student Branch, as well as to provide networking opportunities and contacts, ideas and motivation to Student Branch officers
- ▶ Goals:
  - Increase the interaction between Student Branches by meeting annually in a Congress format;
  - Meet each other and create synergy and a spirit of cooperation between both students and student branches in each Section;
  - Promote, share and concretize ideas;
  - Provide IEEE operational knowledge especially for Region 8 and MGA Student Activities and guide Student Branches;
  - Create a space to answer questions, give feedback and motivate sections and Student Branches.





# New Regional Programs on Student Activities for Sections

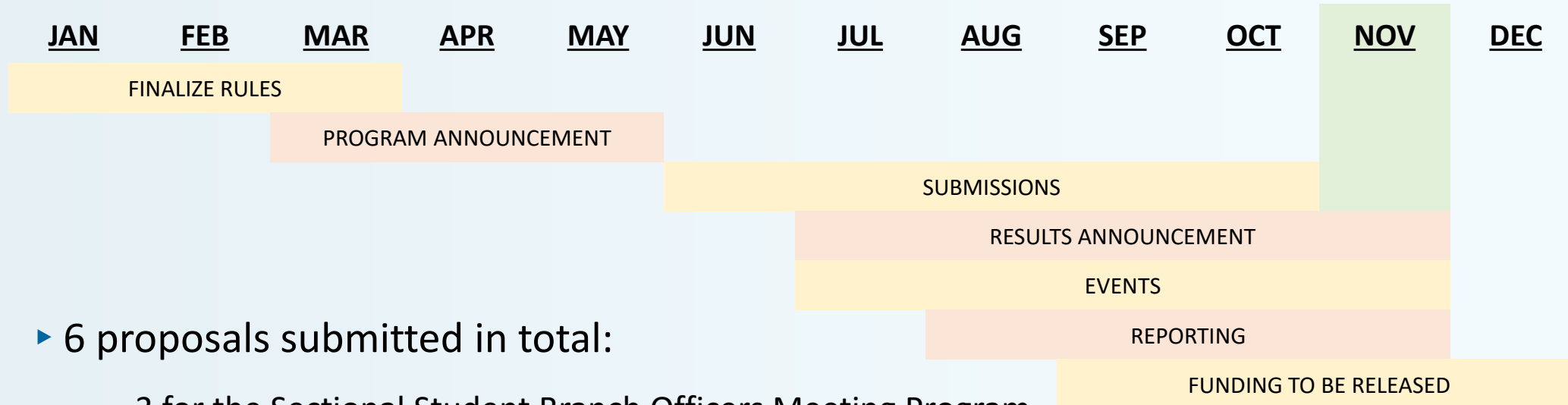
## *Sectional Student Branch Leadership Camp Program*

- ▶ The Sectional Student Branch Leadership Camp Program focuses on training sessions for the Executive Committee members of the Student Branches to prepare and grow the IEEE student volunteers for leadership roles in their local units and beyond
- ▶ Goals:
  - Accelerate student volunteers' knowledge of the IEEE's organization, student services and resources;
  - Help student volunteers understand their roles within their local units and within the entire organization;
  - Create a succession tool that develops and prepares future IEEE volunteer leaders;
  - Encourage student branch officers to transfer knowledge to their student members;
  - Give more contextualization and formation about IEEE and guide Student Branches.



# New Regional Programs on Student Activities for Sections

## Timeline & Current Status



- ▶ 6 proposals submitted in total:
  - 3 for the Sectional Student Branch Officers Meeting Program
  - 3 for the Sectional Student Branch Leadership Camp Program
- ▶ Reasons that Sections did not submit this year:
  - Events to take place on December
  - Not having enough time to organize on 2021
  - Completely virtual events without need for funding

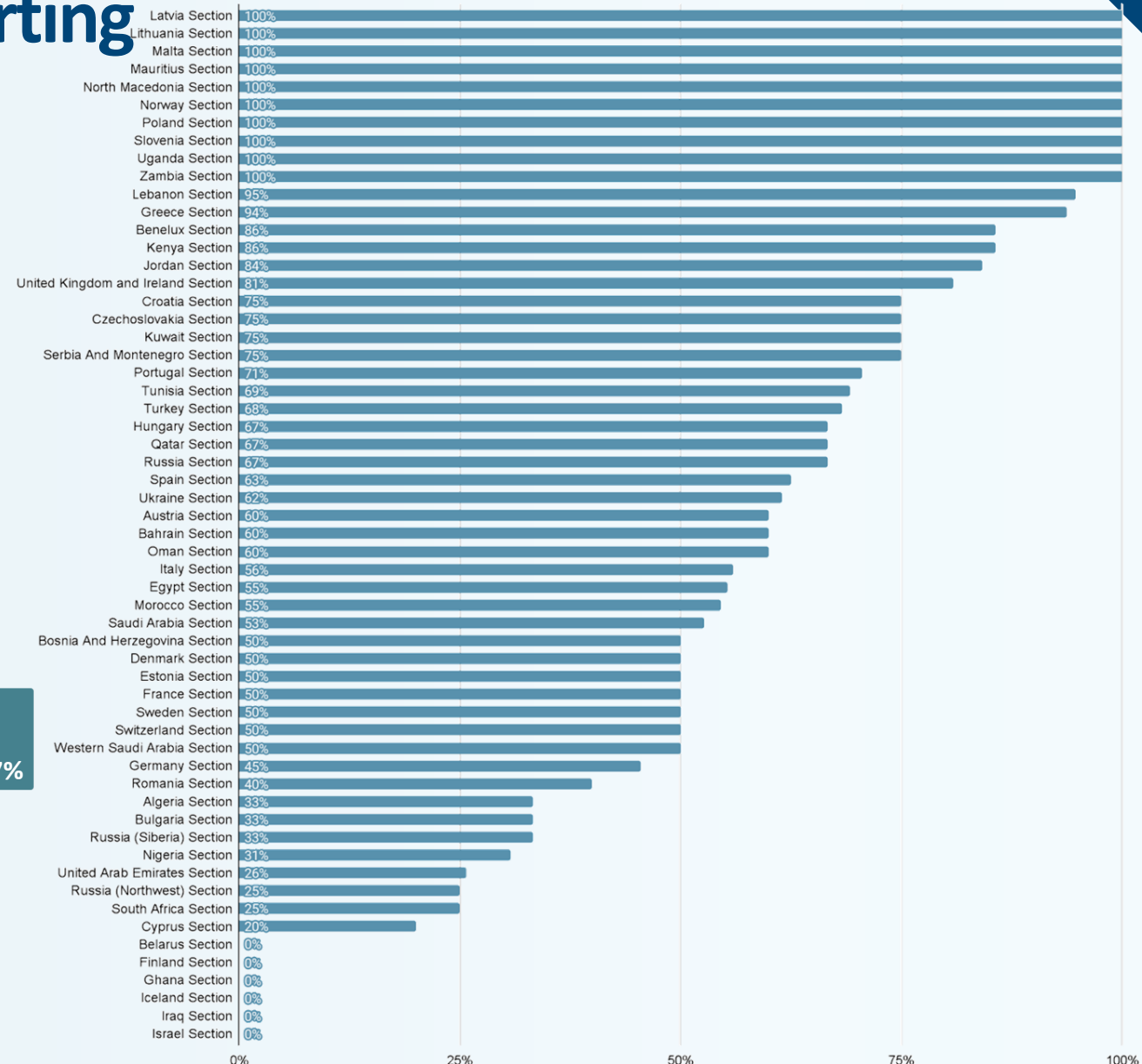
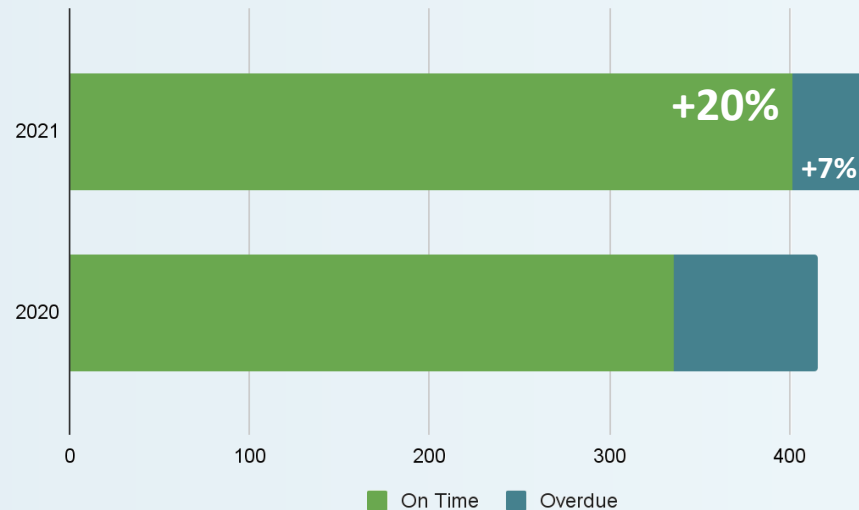
Percentage of Student Branch Annual Plan Reporting Submissions per Section

# Student Branch Reporting

## In Numbers

- ▶ 402 On-Time Reports
- ▶ 42 Overdue Reports

Student Branch Annual Plan Reporting





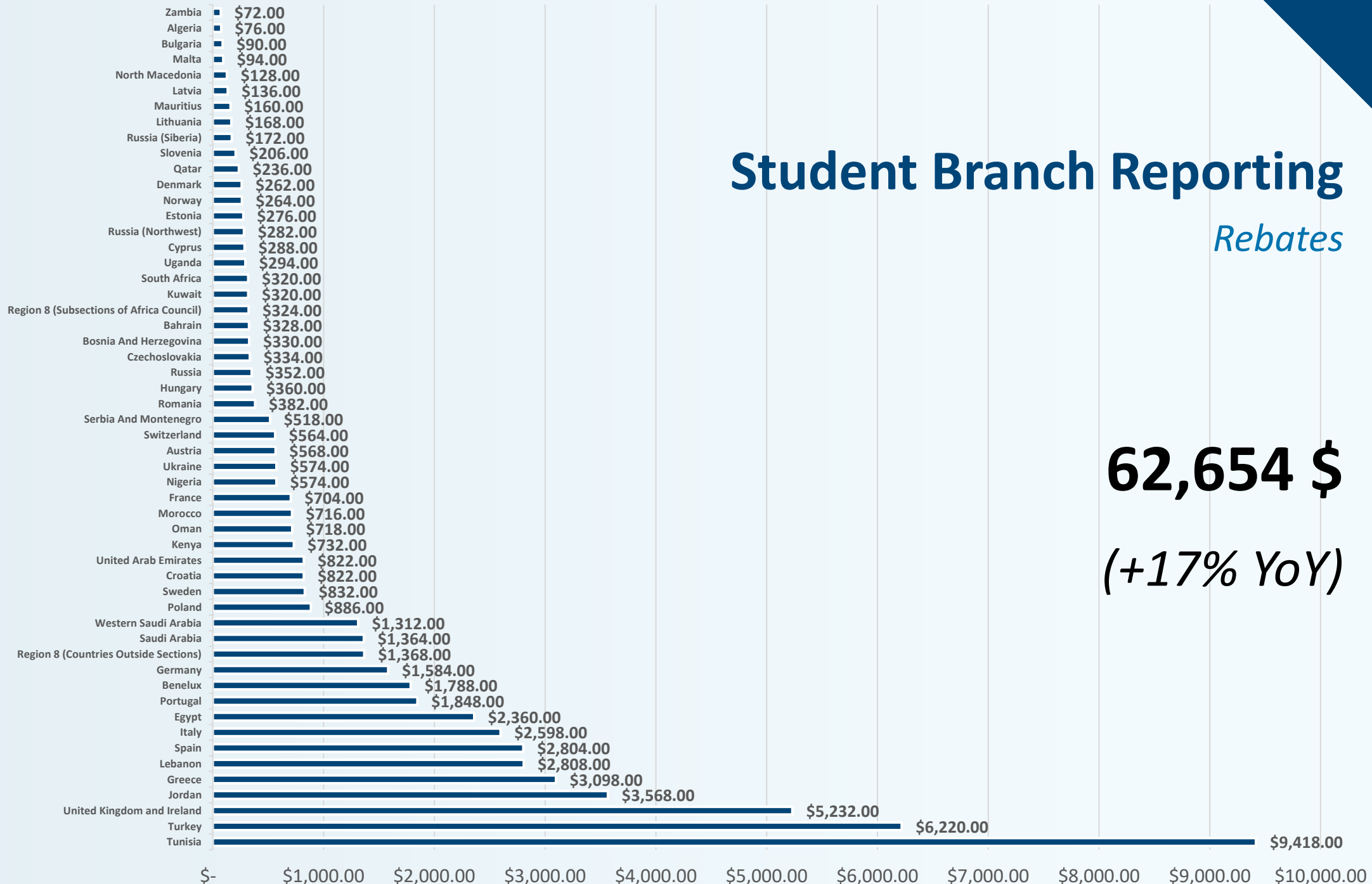


# Student Branch Reporting

*Rebates*

**62,654 \$**

**(+17% YoY)**



# Student Branch Reporting

*2022 Reporting Period*

## February 1<sup>st</sup>, 2022



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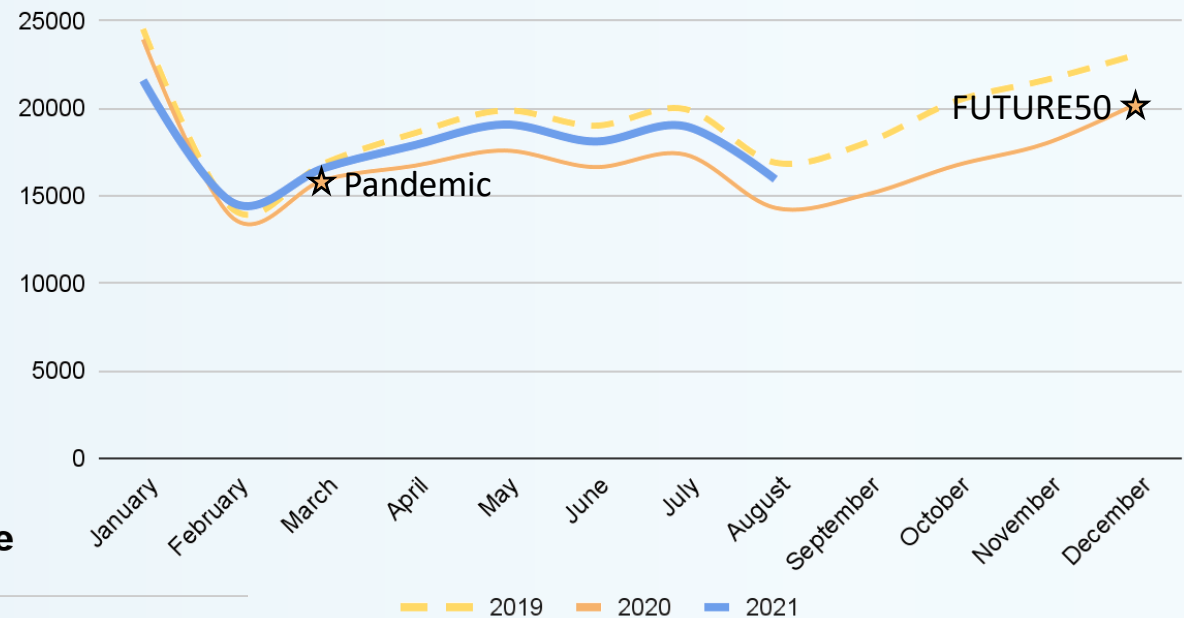
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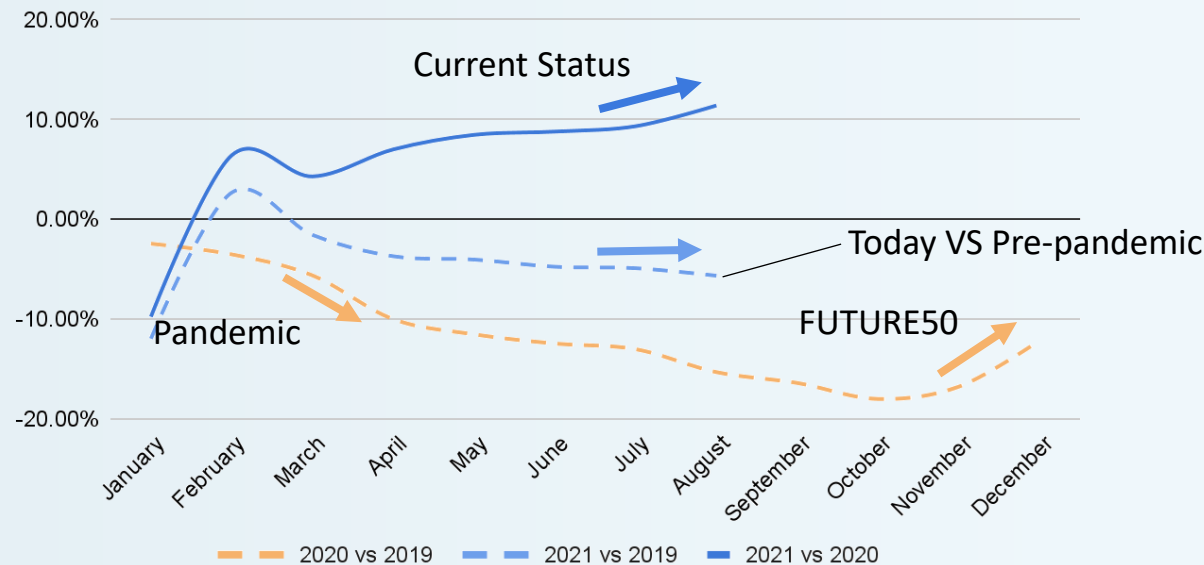
# Student Statistics

## Student Membership

Student Membership Over Time



Student Membership YoY Change





IEEE  
students

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**YOUR FUTURE**  
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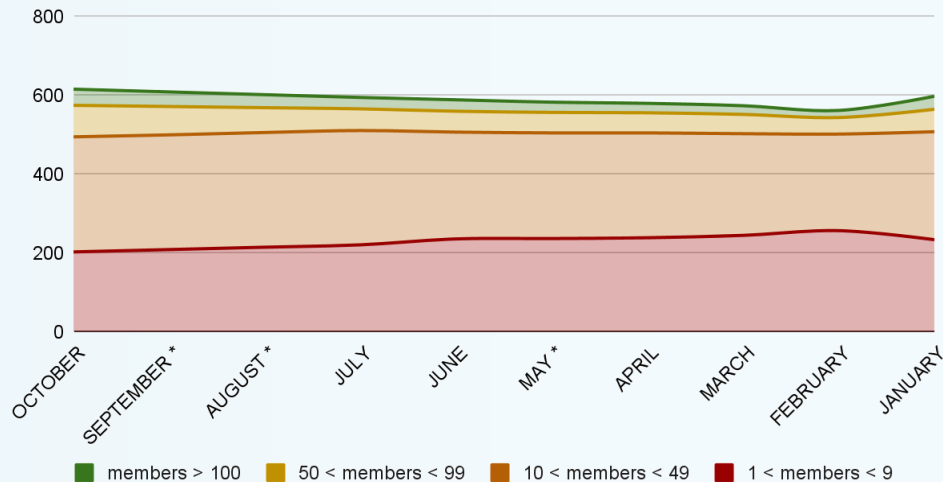
# Student Statistics

## Student OUs

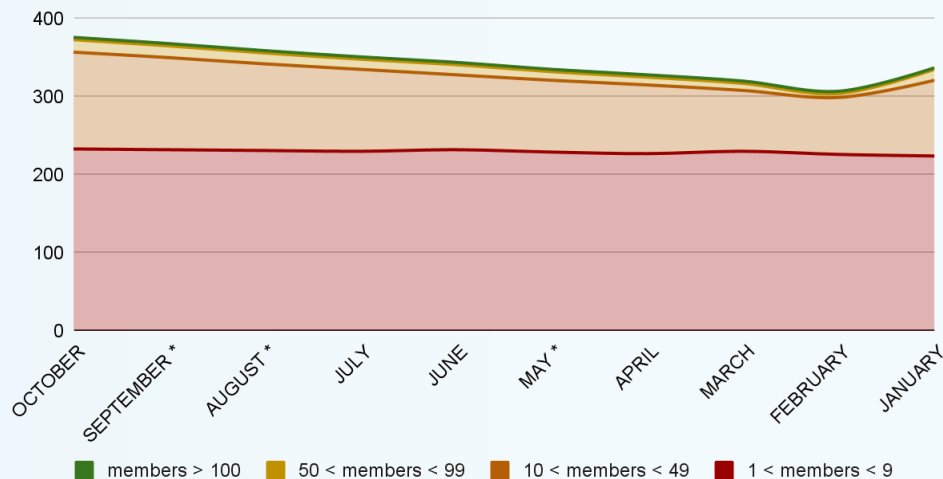
- ▶ New Student OUs in 2021:
  - 18 Student Branches
  - 48 Student Branch Chapters
  - 10 Student Branch Affinity Groups

<b>696</b>	<b>479</b>	<b>147</b>
Student Branches	Student Branch Technical Chapters	Student Branch Affinity Groups
<b>10</b>	<b>8</b>	
Student Branch HKN Chapters	Student Branch SIGHT Groups	

Student Branches per Member Count



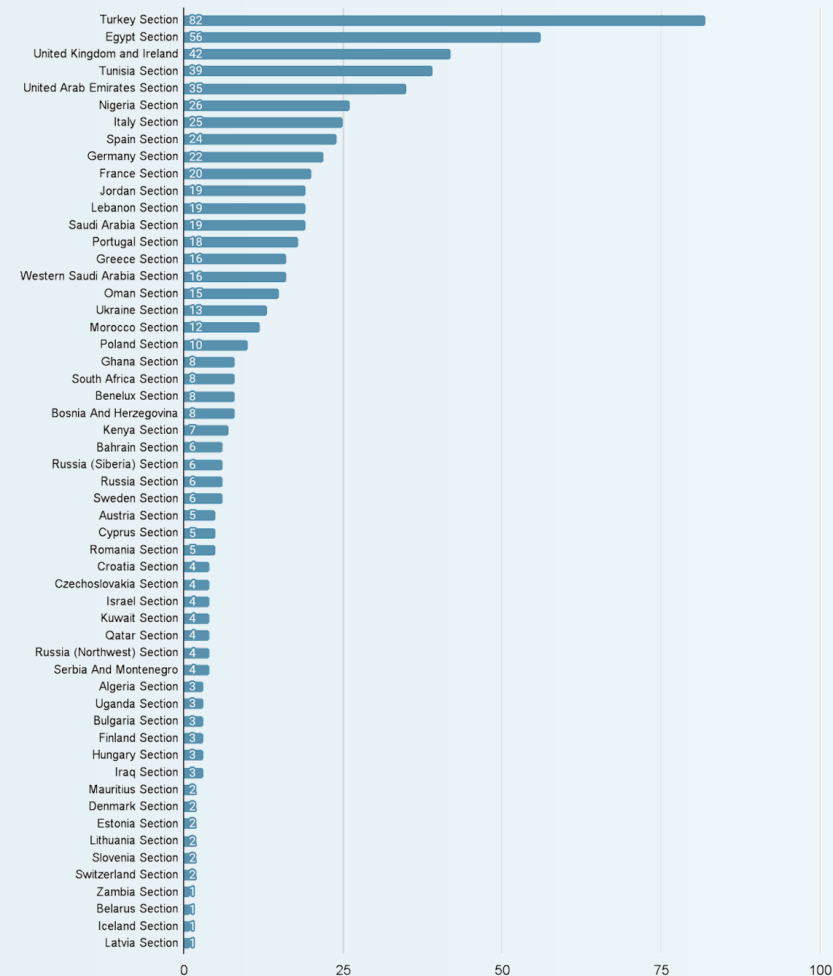
Student Branch Chapters per Member Count



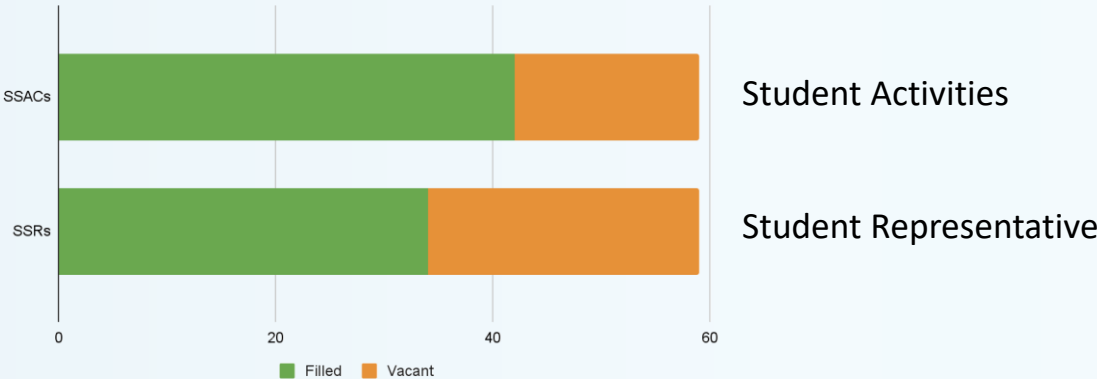
# Student Statistics

## Sections

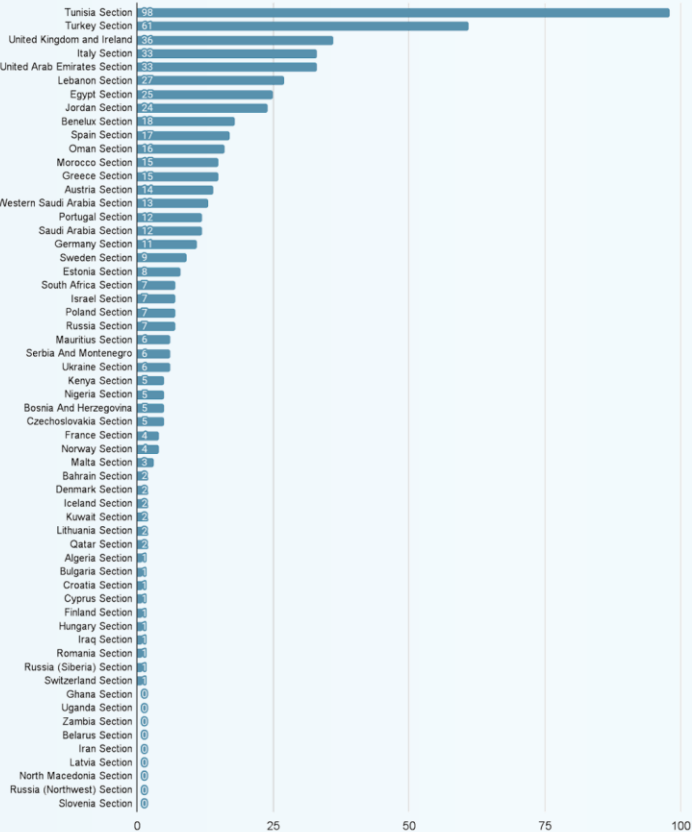
Student Branches Count per Section



Section Student Activities Related Officers



Student Branch Chapters Count per Section



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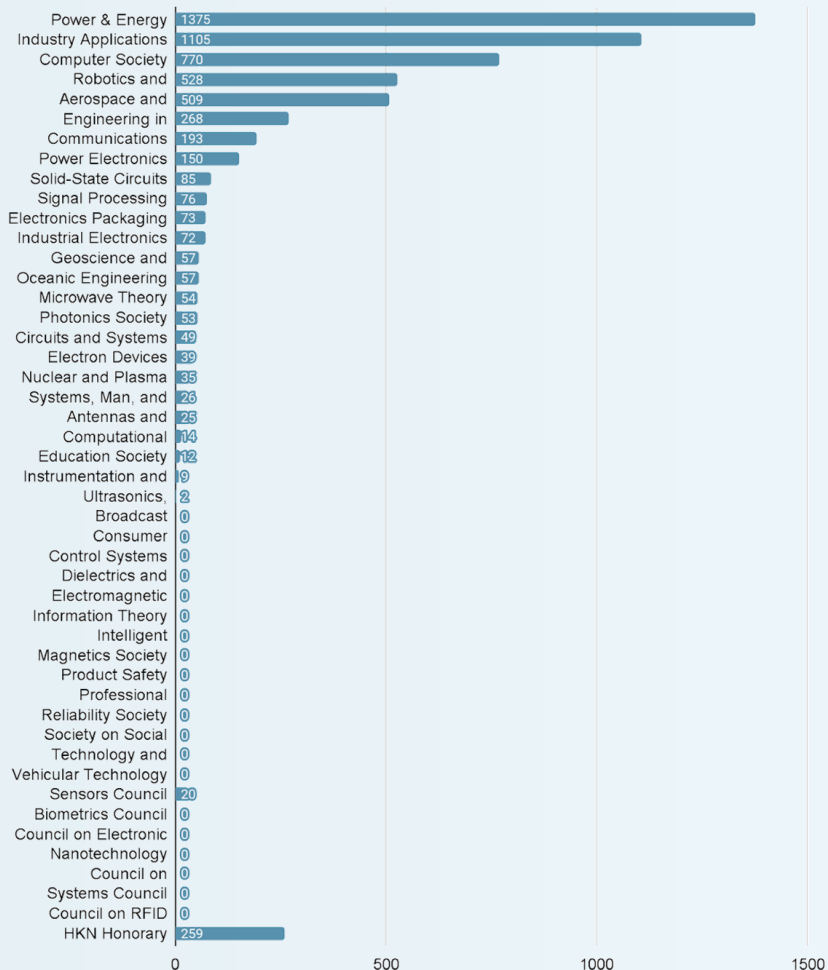
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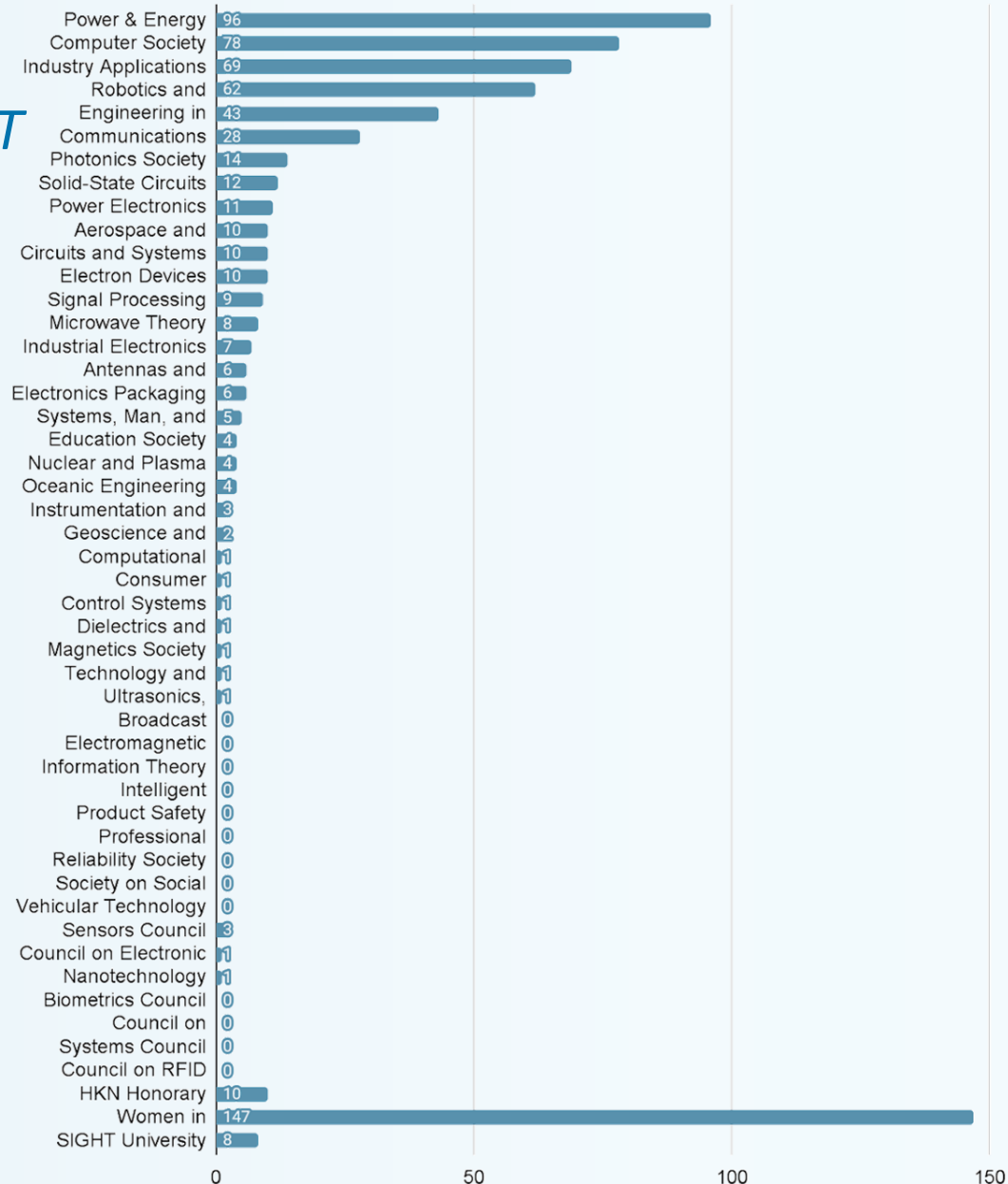
# Student Statistics

*Societies / Councils / WIE / HKN / SIGHT*

Student Branch Sub-unit Members per Affiliated Unit



Student Branch Sub-units Count per Affiliated Unit



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