

Region 3 EXCOM

2021 Section Education Outreach Activities

July 19th, 2021

*Damith Wickramanayake - R3, Education Activities
Coordinator*

Region 3 Education Activities

- ❑ **The Educational Activities Coordinator** shall be a member of **Section Support Committee** and shall serve as the Region 3 Representative to the EAB Section Educational Outreach Committee.
 - ❖ **Source:** R3 Operational manual:

- ❑ **Working Collaboratively with R3 STEM Coordinator –**
 - ❖ **Melody Richardson**

- ❑ **Responsibility includes:**
 - ❖ To Encourage Sections to support STEM education efforts

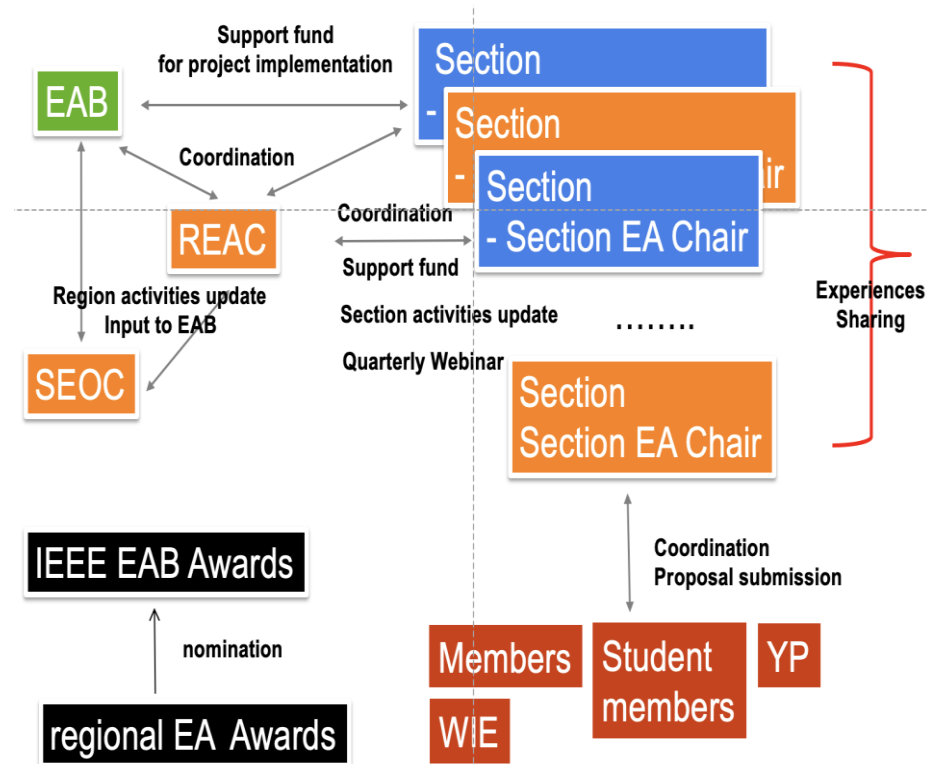
Brief Overview: Section/Region/EAB Level Section Education Outreach Committee

•Mission

- To engage and support IEEE Sections and the Section Education Activities Chairs/Coordinators in their efforts to promote and implement EAB's products and services based on local educational needs.

•Scope

- The SEOC will have the lead responsibility within EAB for building and maintaining strong working relationships with IEEE Regions, Sections, and Chapters in order to work with these organizational units as partners to promote EAB's products and services.



2021 Section Education Outreach Committee



Supavadee Aramvith
SEOC Chair (Region 10)

Stephen M. Phillips
EAB Vice President
Region 6



Region 1
Vince Socci



Region 2
Steve Bonk



Region 3
Damith Wickramanayake



Region 4
Anu Gokhale



Region 5
David Pierce



MGA R1-6 Rep
Loretta Arellano



Region 6
Mostafa Mortezaie



Region 7
Deyasini Majumdar



Region 8
Conrad Attard



Region 9
Betania Filha



Region 10
Preeti Bajaj



MGA R7-10 Rep
Teofilo Ramos

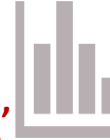
Rachel Warnick, Jordanna Coyle, Johanna Perez

SEOC 2021 Program

01

Digital Presence and Communications

(Education volunteer resources, Website, manual, Social Media, Collabratec Community of Practice)



02

Orientation, Training, and Experience Sharing to EA Volunteers



03

Demonstrate EA products to SEACs

In collaboration with PECC, URC, CEC



04

Partnerships with internal OUs and external organizations

Liaise with MGA, TA, IEEE OUs, UN, ITU, others



SEOC – 2021 PLAN

□ SUB –GROUPS

- ❖ Enhance Digital Presence & Communications Reach
- ❖ Education Volunteer Orientation, Training
- ❖ Partnerships with internal OUs and external organizations
- ❖ Introduce the IEEE Vol STEM Portal to the SEACs

- ❖ Demonstrate EA Continuing Education products on ILN to SEACs
 - Damith Wickramanayake

Demonstrate EA Continuing Education products on ILN to SEACs

❑ FOCUSES ON:

❖ ILN Pilot Products

- ❖ Pilot event offered in Region 2 (Baltimore Section) & in progress Region 7 (Northern Canada Section) , additional interest from CEC and other IEEE volunteers
 - **Region 3:** Jamaica was nominated for a Pilot ILN Project
 - Plans in in progress to offer these ILN Products to Members at Reduced rates.

❖ **BY December 2021**

- Develop an overview of a pilot program
- Engage 3-5 sections to participate in pilot
- Run and collect feedback on 3-5 Section events

❖ **By December 2022:**

- Based on results expand to full program

REPORT: Section Chairs & EAC Kick off Session

□ Region3 – Action Plan Shared:

- ❖ Orientation Session each Year
- ❖ Documentation of Section Education Activities – Google Drive – Upload
- ❖ EAC Session Nov 2021 – Monitor & Evaluation Session
- ❖ Motivation to Award - Best EA Chair - Process started
- ❖ Target Formation of 3 New Section EAC in Section which do not have EAC

SUMMARY: Section Chairs & EAC Kick off Session

□ R3 STEM Coordinator Presented on

- ❖ Steps on how to Establish New Committee for STEM Activities
- ❖ Best Practices on Hosting STEM Activities
- ❖ Promotion of STEM Activities within Sections

□ Meeting Comments:

- ❖ Richmond Section Works on Educational Activities but does not have EA Committee
- ❖ More Effort to Formalize Section Education Activities to having EA Committee
- ❖ EA Email Group will be Created to interact with Region Members

THANK YOU

Q & A

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APPENDICES

R3 ACTION PLAN – Education Activities

Plan: Year 2021

Month	Planned Activity	Comments
<p>Thurs July 15, 2021*</p> <p>11:00 – 12:00 AM EDT</p>	<ul style="list-style-type: none"> ❖ An Annual Orientation Session for New Educational Activities Chair: ❖ Meet with Non EAC Section Chairs to discuss formation of Education Activity Committee 	<ul style="list-style-type: none"> ❖ To encourage Sections to support STEM education efforts. 27/41 Sections EAC s. EAC vs SAC ? what is the difference . ❖ To encourage Sections to support STEM education efforts
<p>Yearly: June/Sept/Dec 30th,</p> <p>FOR 2021 By Nov 04, 2021</p>	<p>Information Repository: Collect Education Activities Report from Sections</p>	<ul style="list-style-type: none"> ❖ Dedicated Folder Assigned for Section to upload their Report. ❖ <u>Google Drive etc</u>

Activate Win

R3 ACTION PLAN – Education Activities

<p>Thurs. NOV. 04, 2021</p> <p>7:00 – 8:00 PM EDT</p>	<p>Host a Region 3 Session with all Educational Activities Chair once per year (Mid Year) which will serve as a Monitor and Evaluation of each Sections EAC</p> <p>* New Award. Best EAC Award@R3</p>	<ul style="list-style-type: none"> ❖ Monitoring & Evaluation ❖ Motivation
<p>By Dec 2021</p>	<ul style="list-style-type: none"> ❖ Formation of Three (3) new EAC in Section that do not have EAC for 2021. ❖ Award Winners Declared 	

Formation – New Education Activities Committee

- ▶ Recruit: Like-minded individuals
- ▶ Form: Educational Activities Committee with the goal of educating and inspiring the engineers of tomorrow
 - **Inform** pre-university student and parents about Engineering and it's real world applications
 - **Encourage** the technological literacy of pre-university students
 - **Support** educators in utilizing tryengineering.org resources

Creating Your Section's STEM Program

- ▶ **Identify** your pre-university audience
 - Elementary School
 - Middle School
 - High School
- ▶ **Determine** what type of outreach you want to do
 - Host an Event with Activities
 - Start a Mentoring Program
 - Organize a Competition
- ▶ **Explore** your community
 - Find opportunities where a STEM program would be beneficial
 - Libraries, Schools, Local Organizations
 - Discover resources that can assist you in accomplishing your goal
- ▶ **Act**
 - Schedule and Plan Your Event

THANK YOU

Q & A

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