



IEEE Aerospace Electronic Systems Undergraduate Student Representative

Mehak Jetly

2022 AESS Fall, Board of Governors Meeting

21-22 October 2022

Edinburgh, Scotland

- ▶ Strategize collaboration between student members and AESS chapters (in extension local industries)
- ▶ Create opportunities for AESS student members and keep them engaged
- ▶ Current Focus
 - In the field of Drone Operations and Cybersecurity Engineering
 - Involve developing countries

Activity: Engagement with Griffiss Institute (May 5th, 2022)

- ▶ Facilitated an on-site meeting in Rome, NY for the purpose industry relations
- ▶ Presented AESS initiatives and list of courses offered at Syracuse University in the field of Cybersecurity and Machine learning
- ▶ Attendees: Dr. Mark Davis, Mehak Jetly, IEEE SU Student chapter

Learning Outcomes:

- ▶ Industries are heavily investing in students with practical cybersecurity skills
- ▶ Undergraduate students are trying to find opportunities to learn these skills
- ▶ Potential to host Cybersecurity guest lectures across AESS student chapters

Activity: Meeting with Student Branches in India (Sept 19th, 2022)

- ▶ Facilitated an online meeting with the new student branches in India
- ▶ Presented AESS initiatives and AESS student benefits
- ▶ Attendees: Puneet Mishra, Laila Moreira, Mehak Jetly

Learning Outcomes:

- ▶ Very interested students looking for ways to build their experience
- ▶ Potential to have regular check-ins with student branch chapters

▶ Funds Available to Student Branch Chapters:

- \$250 annual funding for initiatives

▶ Criteria:

- Apply for funding each year
- Minimum of 2 student chapter activities
- Minimum of 6 student members

▶ Things to consider:

- How they receive these funds?

Funding Opportunities

Chapter Annual Support

Chapters are encouraged to apply annually for financial support of up to \$500 USD to fund local AESS chapter activities and small initiatives. Requests for support should use the short online form, found [here](#). Funding will be automatically approved upon completion of the form and review of the VP Member Services. There are no additional requirements.

The deadline for application submission is December 31 for each calendar year. The information to be included in the form refers to the current year when the application is submitted.

[Chapter Annual Support Request Form](#)

▶ Networking Event

- Potential collaboration: Mohawk Valley, Binghamton, Syracuse AESS Chapters
- Purpose:
 - To encourage students to participate in AESS network
 - To promote involvement in the Drone Applications and Cybersecurity
- When: Mid November
- Location: Syracuse University

▶ Build awareness of such collaborations with student branches

- Keep communication open with student members for continued engagement

- ▶ Monthly check-ins with student branch chapters- start with new ones in India
- ▶ Potentially add student activities section in QEB to generate ideas among other student branches
- ▶ Create a consolidated platform for open communication within AESS Student Branches

THANK YOU

Questions?