Activity Report

UNISEC-local: Mexico and Costa Rica
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Overview
Part of the activities of UNISEC Global is to coordinate events, link activities between the various local chapters of UNISEC around the world. This is why the First CANSAT Bootcamp Costa Rica was carried out at the facilities of the Technological Institute of Costa Rica. In which the local organization was in charge of M. S. Marco Gómez-Jenkings and Eng. Esteban Martínez. On the other hand, the external advice was from Dr. Bárbara Bermúdez Reyes, POC of UNISEC-Mexico. The CANSAT Bootcamp was held from July 20-22, 2018. Attendees were students from various engineering fields, with a total of 22 participants (10 women and 12 men). The topics that were addressed were, Introduction to satellite systems, Women in aerospace, CANSATS manufacturing, CANSATS programming, parachutes and Cansats launches from a drone at 100m height. It should be noted that the bootcamp served to twin the chapters of UNISEC Mexico and UNISEC Costa Rica and continue working on future projects and collaborations.

Date and Venue
Announcement Date: 05/28/2018
Event Date: 07/20/2018 – 07/22/2018
Venue: Instituto Tecnológico de Costa Rica, Cartago, Costa Rica

Participation
Total number of participants: 25
Category of Participants
☐ Students ☐ Engineers/Instructors ☐ Both
☐ No ☐ Yes

If yes, how many international participants were attended the activity?
Dr. Bárbara Bermúdez-Reyes (UNISEC Mexico)

Sponsors
Imagine XYZ, Global Shapers Costa Rica, Sulá Batsu, Banco Interamericano de Desarrollo (BID), GoPato, Intel, REDCyTE- Mexico, Tecnológico de Costa Rica (TEC)

Participants Group Photo
Results and Conclusion

As results, the participating students were very interested in continuing to study spatial subjects in various disciplinary areas. On the day of the launch, collaborations emerged in terms of spreading Science and Space Technology in elementary schools (Primary Schools of Costa Rica) and Participation of UNISEC-Costa Rica and UANL in the Hakaton organized by the Sula Batsú Association in November 2018.