

Activity Report

UNISEC-local: Mexico and Costa Rica

POC: Dr. Bárbara Bermúdez- Reyes, Marco Gómez-Jenkings and Esteban Martínez

Email: barbara.bermudezry@uanl.edu.mx , marco.gomez@itcr.ac.cr , estemarval@gmail.com

URL: www.unisecmexico.com

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

International No Yes

Participants

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.