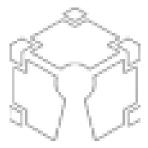
Open Source CubeSat Workshop 2018



Contribution ID: 23

Type: Talk

Development, and Present Status of PocketQube 'Nepal-PQ1'

Tuesday, 25 September 2018 09:40 (20 minutes)

I can share my experience about starting hands-on based space education in engineering education. I have been promoting space education in Nepal, where there was not any project on space. I founded my company called ORION Space to promote space education, and initiate space related project in Nepal. I started with CanSat Project, which is Project Based Learning method to teach about space and satellite technology. CanSat is a model used to teach about satellite. Now, we have a real satellite project on going in-house (in Nepal). The satellite is 5cm x 5cm size, and its called PocketQube. We have completed OBC, and Communication board. Therefore, I can share my experience how to start space project at minimum budget. Many developing countries can learn from our experiance. We have presented our work at OSCW-ESA (Open Souce CubeSat Workshop) 2017, The 1st IAA North East Asia Symposium on Small Satellites- Serving the Needs for the Benefits of the Region in Mongolia, and conference ISTS 2017 in Japan.

Primary authors: PRAJAPATI, Rakesh Chandra (ORION Space); PAUDEL, Saurav (ORION Space)

Presenter: PRAJAPATI, Rakesh Chandra (ORION Space)

Session Classification: Talks

Track Classification: Lessons Learned of Open Source Space Projects