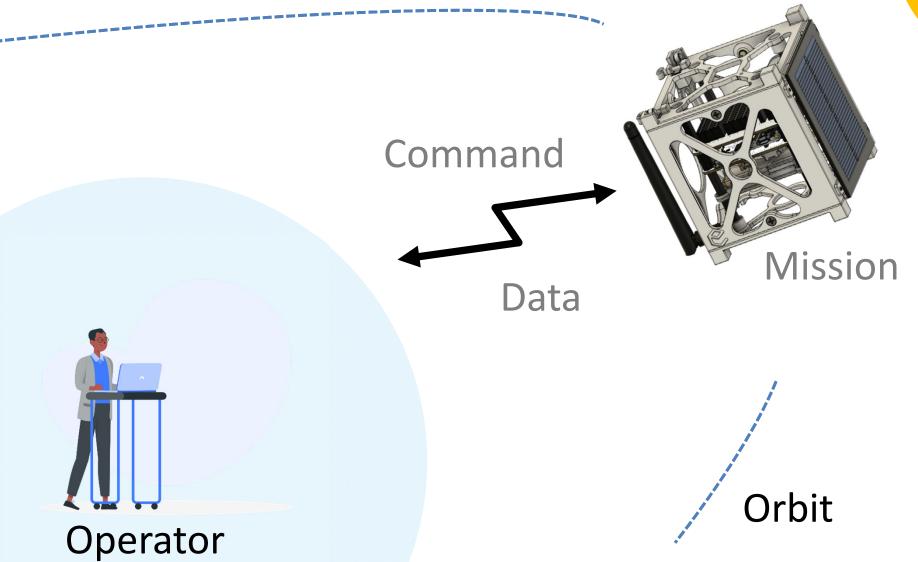


Experience actual satellite operations

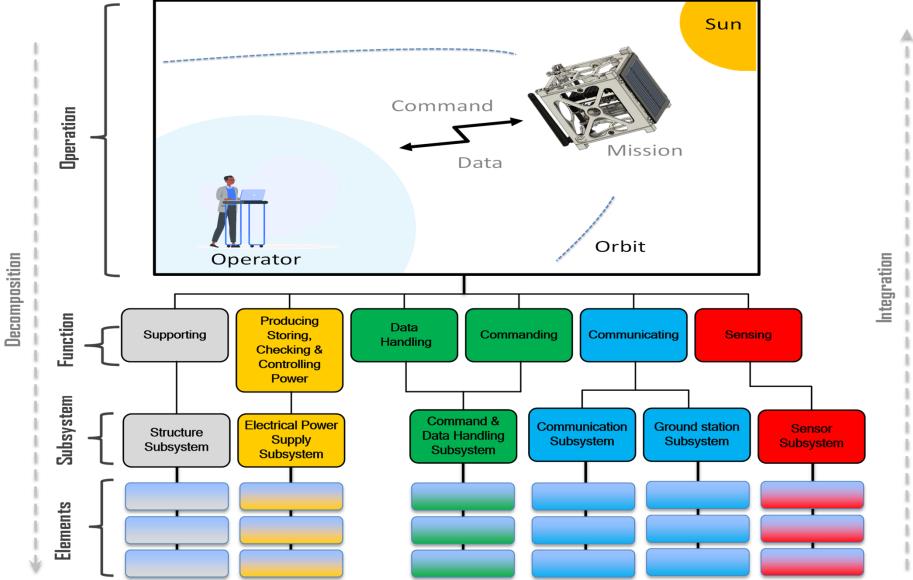
Simulates the actual satellite-to-ground station communication experience.

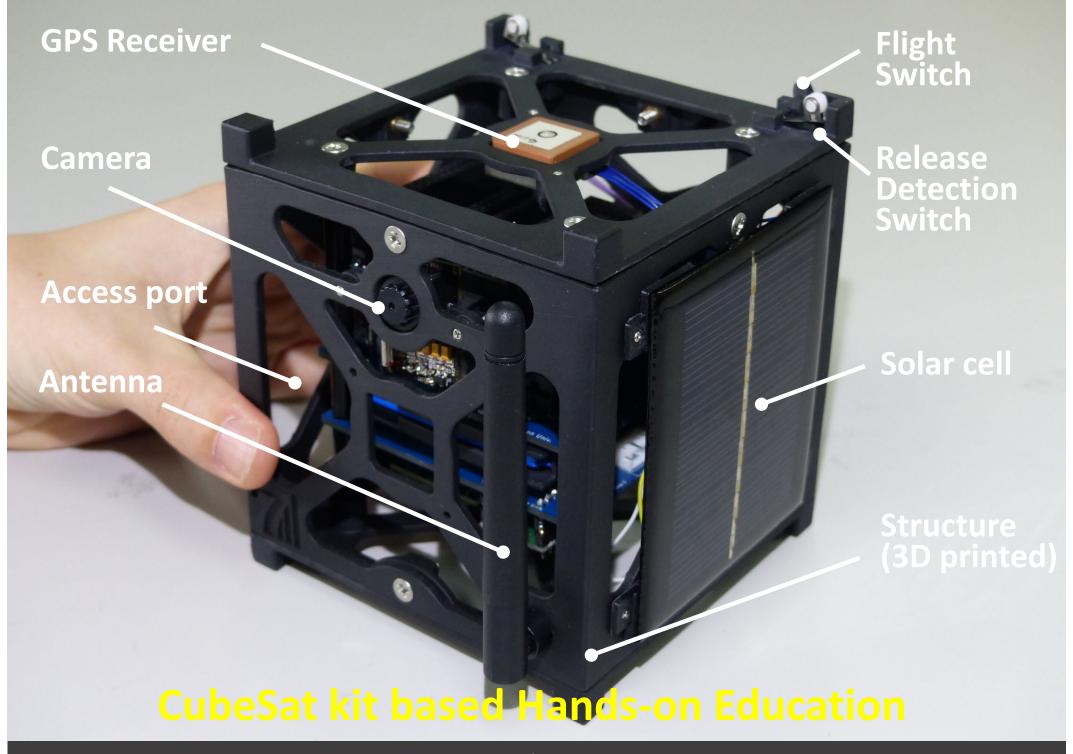
Sun

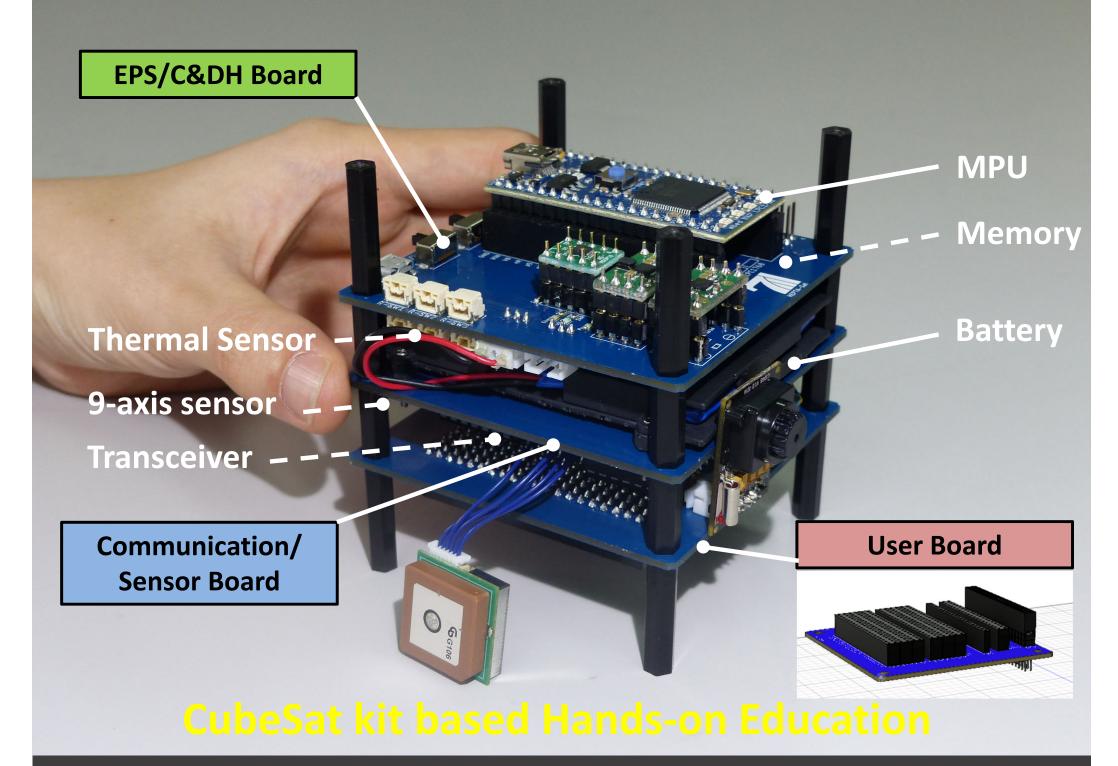


Experience actual satellite operations

Participants experience how a system is composed of elements and sub-elements (understand the relationship between the whole system and the elements.)

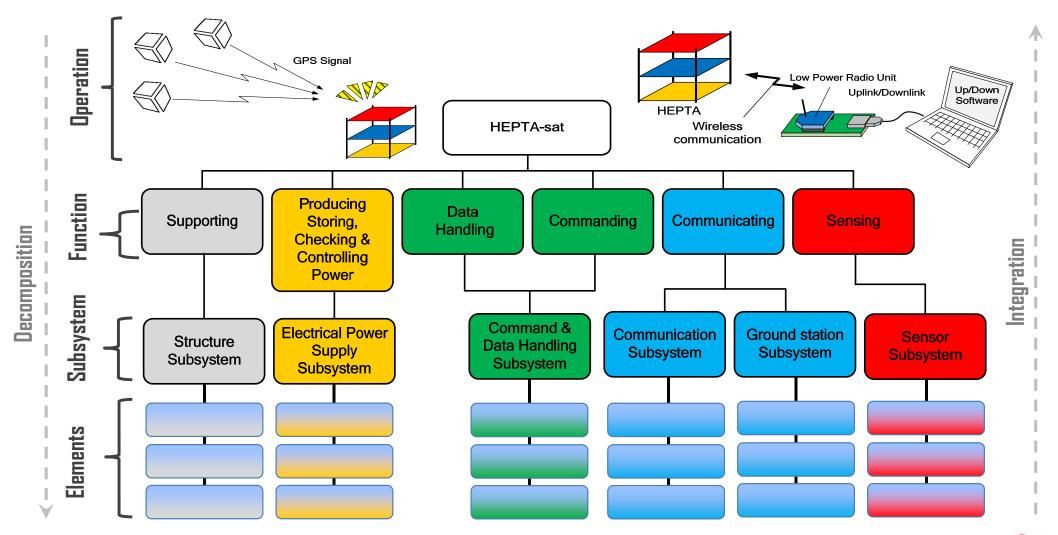






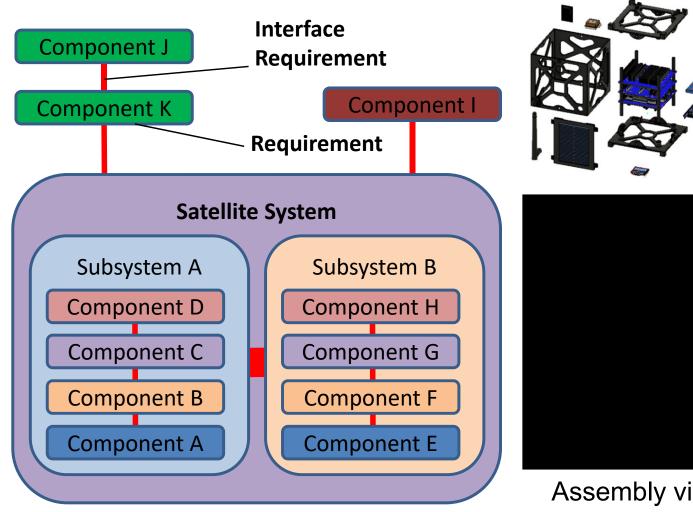
CubeSat kit based Hands-on Education

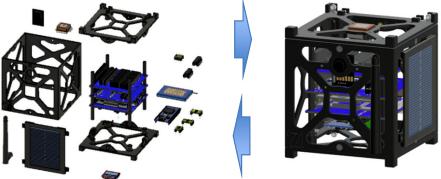
- Composed of 6 function and 6 primary sub-systems.
- You can learn how each subsystem functions and how to integrate subsystems into a satellite through experiencing the process of assembly, integration and test.

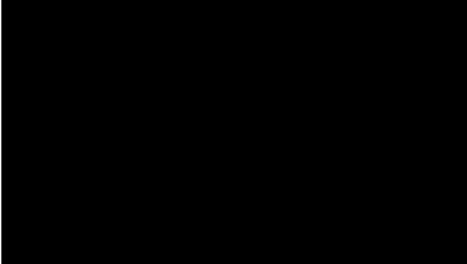


From Scratch to System Level

Focuses mainly on understanding, assembling, integrating, and testing the function of the CubeSat Kit and carrying out it in a hands-on manner step by step form components level to the system level.



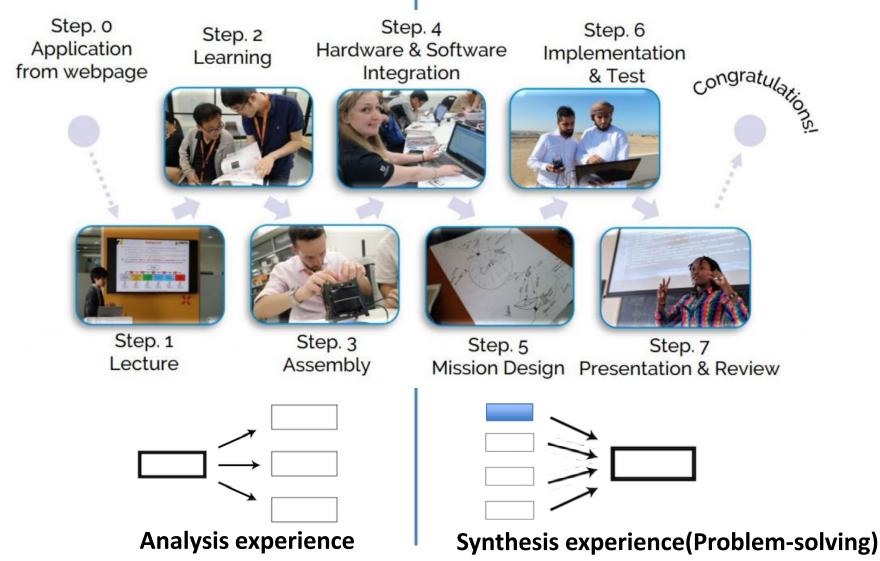




Assembly videos without testing or understanding process

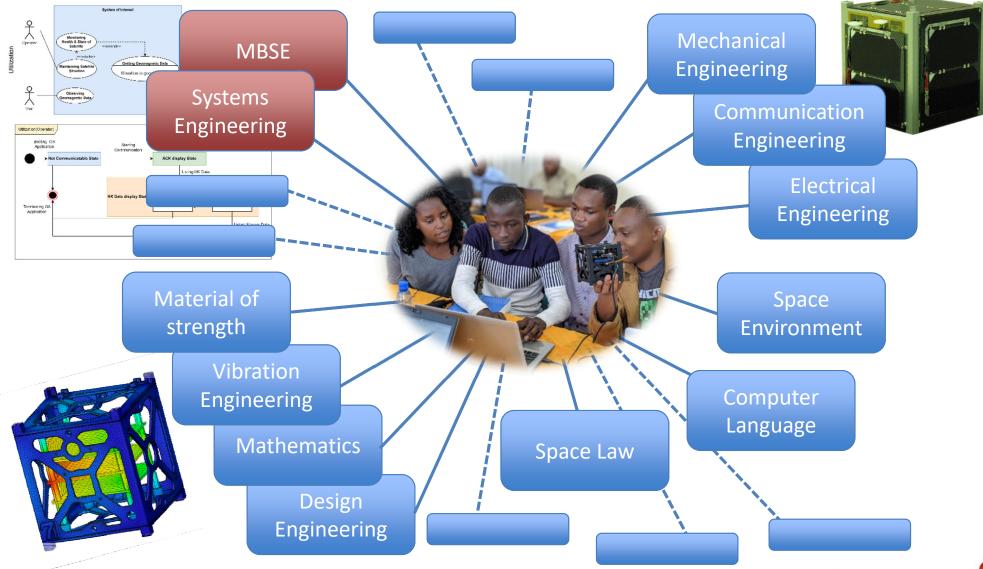
Analysis experience to Synthesis experience

Experience of understanding the basics using CubeSat kit and experience of designing and developing subsystems(part of the overall system) using user boards.



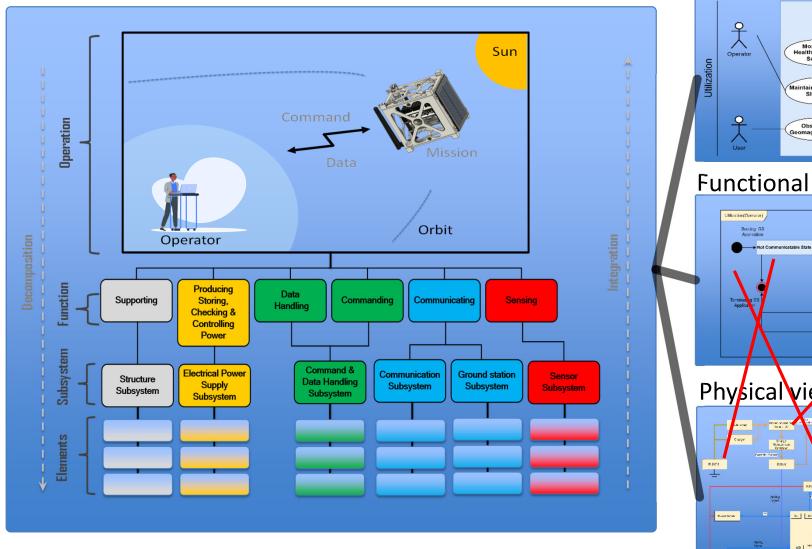
Hands-on experience becomes a hub for learnings

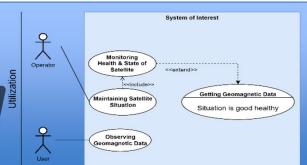
A hands-on experience with some level of complexity and expansibility is a good hub for connecting students with current and future disciplines.



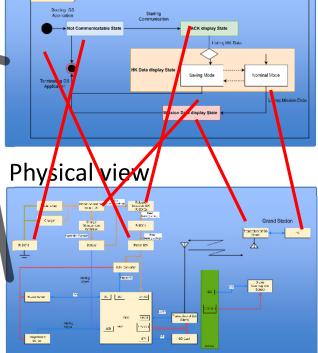
Model Based Systems Engineering Education

Understand multi point of view model and connect logically for design and development of Space Systems. Operational view



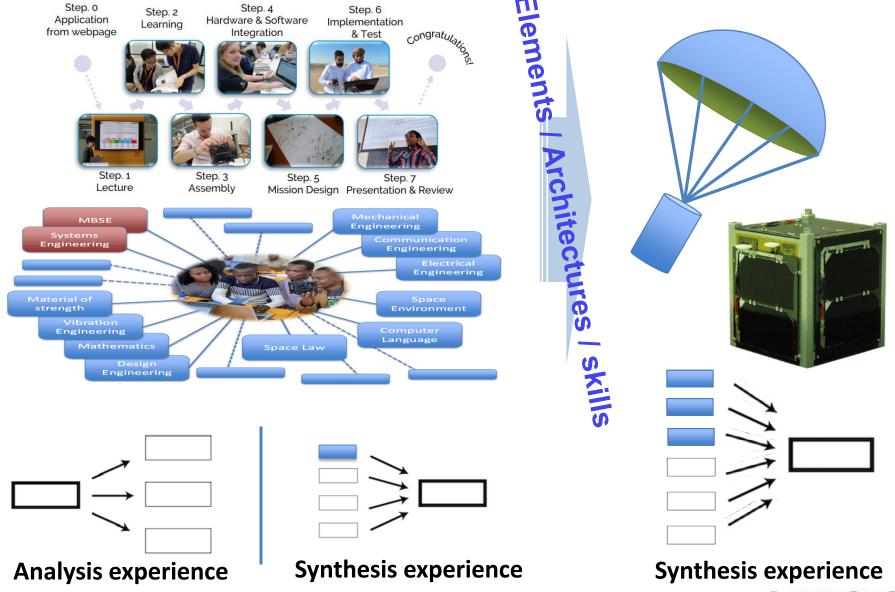


Functional view



Analysis and Synthesis experience

Creating an effective and efficient learning experience by taking over the elements.



Summary

More than 600 people from over 50 countries participated in the educational program.



HEPTA-Sat Lite(One Chip Satellite Board)

In addition, the one chip satellite board was developed.

It will be easy to realize HEPTA-Sat-like CanSat/Cubesat education

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