



72nd Virtual UNISEC–Global Meeting

CLTP15 Session

*From Learning Space Engineering to
Building Space Engineering Capacity*

WHAT IS CLTP?

CanSat Leader Training Program

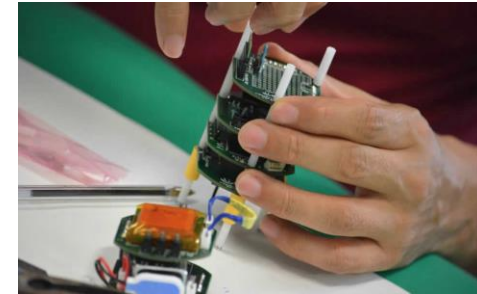
- **Established in 2010**
- Organized by UNISEC.
- A capacity-development programme in space technology.
- Develop **space engineering/technology educators and leaders** in home countries.
- Learn space engineering education methods through **hands-on satellite development**
- Experience the **complete development cycle**.
- Stronger concept is the **continuous multiplier effect**.

From CanSat to HEPTA-Sat

Attendee: 12 participants from Algeria, Australia, Egypt, Guatemala, Mexico, Nigeria, Peru, Sri Lanka, Turkey, Vietnam



CLTP 1
in 2011



CanSat based

CLTP 2 – CLTP 7
(2016)

Model satellite / CubeSat-
like platform

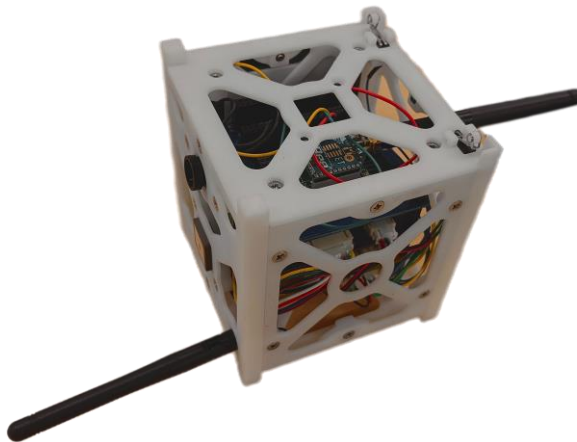
CLTP 8 (2017) – CLTP 14 (2025)
Graduated: 159 participants from 63 countries



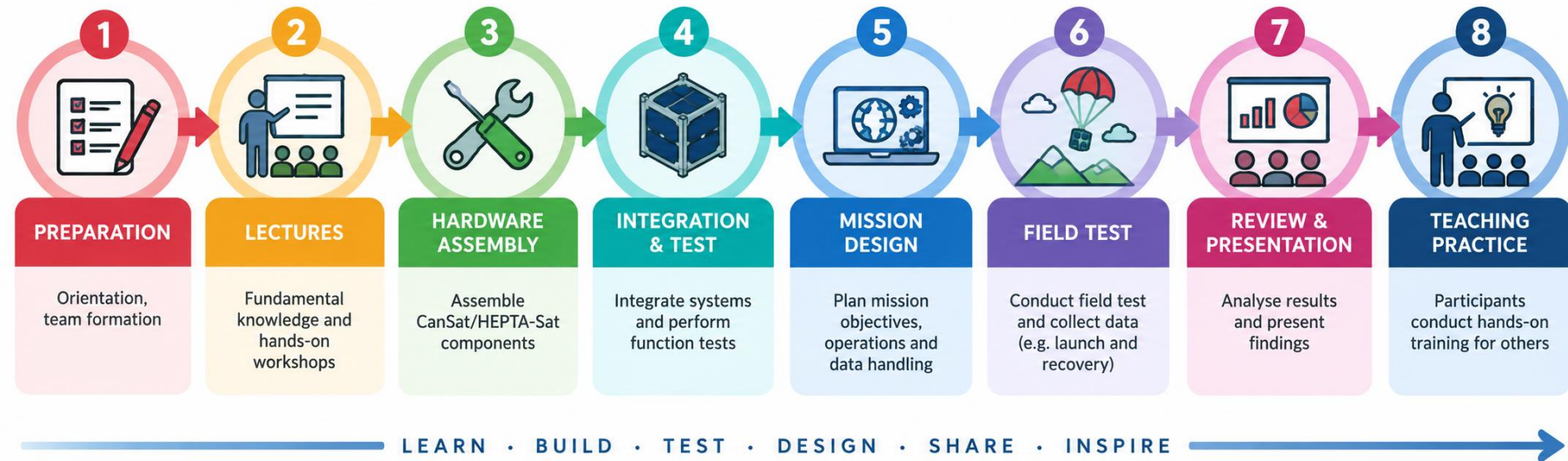
CLTP 15
Graduated: 19
participants
Countries:

- Malaysia
- Cambodia
- Singapore
- Thailand
- Vietnam

- Oman
- India
- Colombia
- Dominican Republic
- Peru



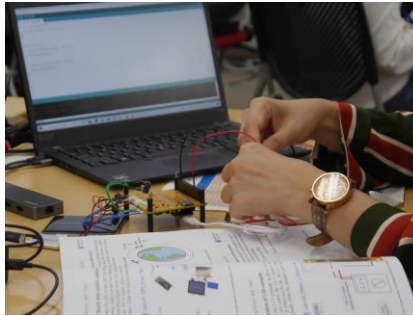
From Concept to Working Satellite



CLTP 15

LEARN

Space engineering & systems



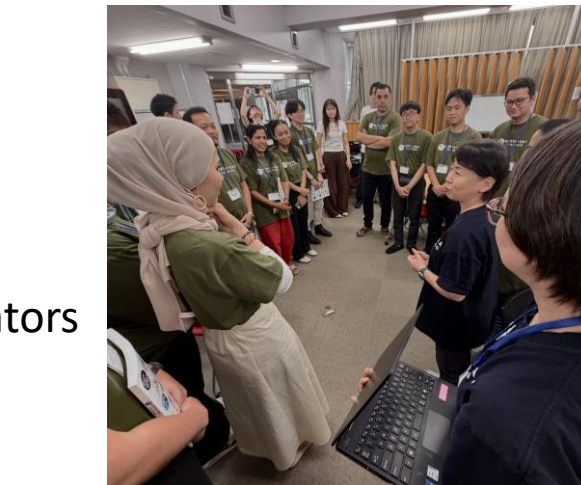
BUILD

HEPTA-Sat hands-on



TEST

Integration & field activities



TEACH

Learning how to transfer the experience

CONNECT

A global community of educators



THANK YOU UNISEC!



THANK YOU UNISEC!

