Group #4

Prospective of CanSat Hands-on Education Projects

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Local CanSat Competitions

CLTP in Japan

Congratulations CLTP5 Graduates!
7 future CanSat leaders completed the training program in Fall 2014
We want to have more than these!
Meaning of CanSat Education

- CanSat
- Nano Satellites
- Larger spacecraft

Stepping up

University

Space Agency
Meaning of CanSat Education

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CanSat
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Meaning of CanSat Education

What will be the next-step curriculum?
Systems Engineering/Project Management educational program in Japan (2010-)

Mission Definition

User Requirement

System Requirement

Component Design

Component Manufacture

Component Assembly & Test

System Integration & Test

System Validation

(T1) Clarification of mission definition & requirement specification

(T2) Management of schedule allowing for verification

(T3) Clarification of verification plan & verification item

Clarification of mission definition & requirement specification

Management of schedule allowing for verification
Let’s discuss “Ideal CanSat Curriculum”

Ideal curriculum may include…

- Various engineering disciplines (EE, structures, programming..)
- Systems Engineering and Project Management etc…
- **International cooperation** ➔ Standardization of CanSat education!
Please join Group #4
“Prospective of CanSat
Hands-on Education Projects”
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You will obtain…

- New perspective of future CanSat education
- International network of CanSat educators
- Ideas for international standardization of CanSat education