



Outlining 2022 Activities and Planning for 2023



Abhas Maskey, PhD
Co-POC for UNISEC-Nepal
(Antarikhya Pratisthan Nepal)

2022 Activities Recap

PaperSat Art Competition

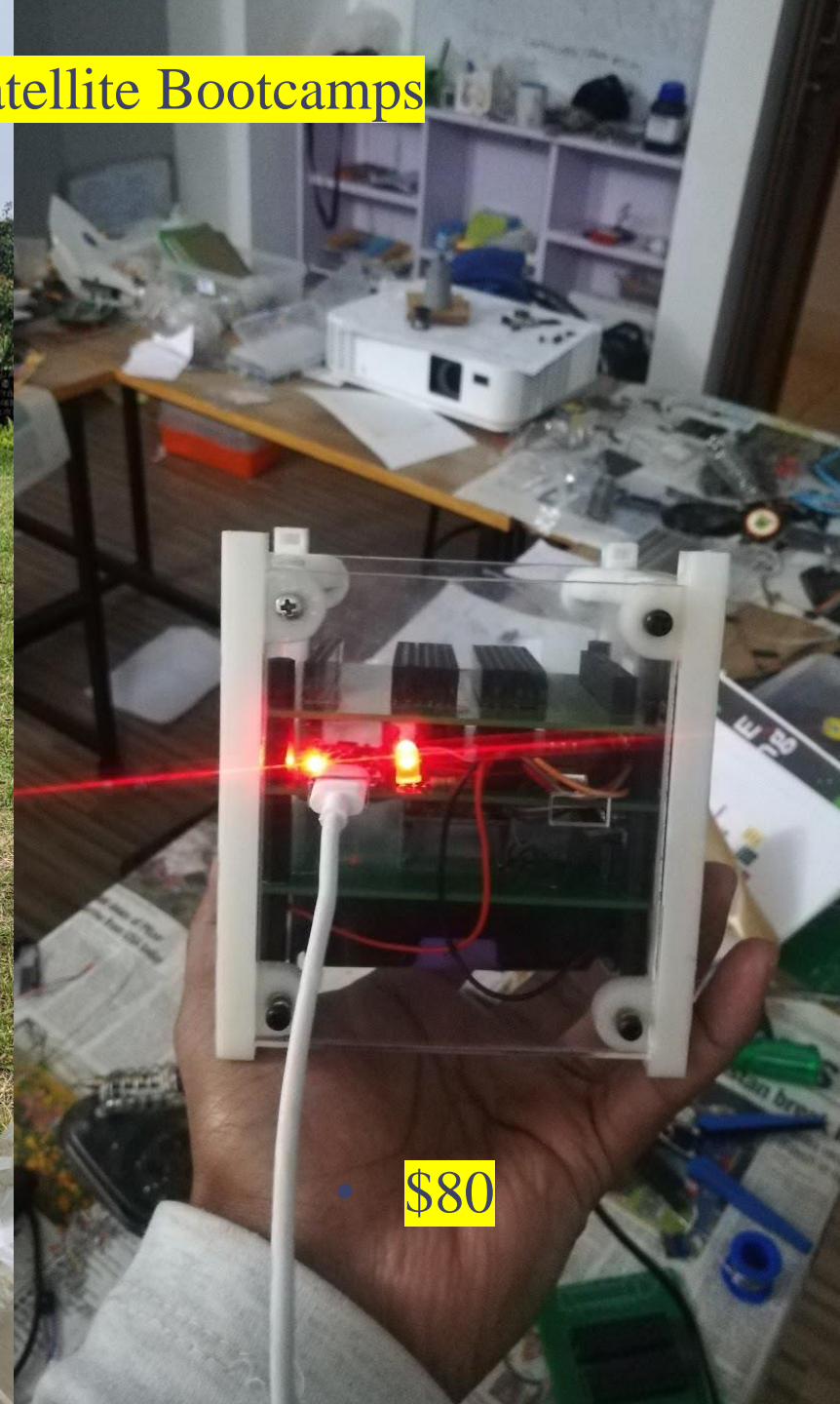


Educational Satellite Bootcamps



\$30

500+ Students
Grade 2-Undergraduate Levels



\$80

2022 CLTP-11 Graduate: Bikalpa Dhungana



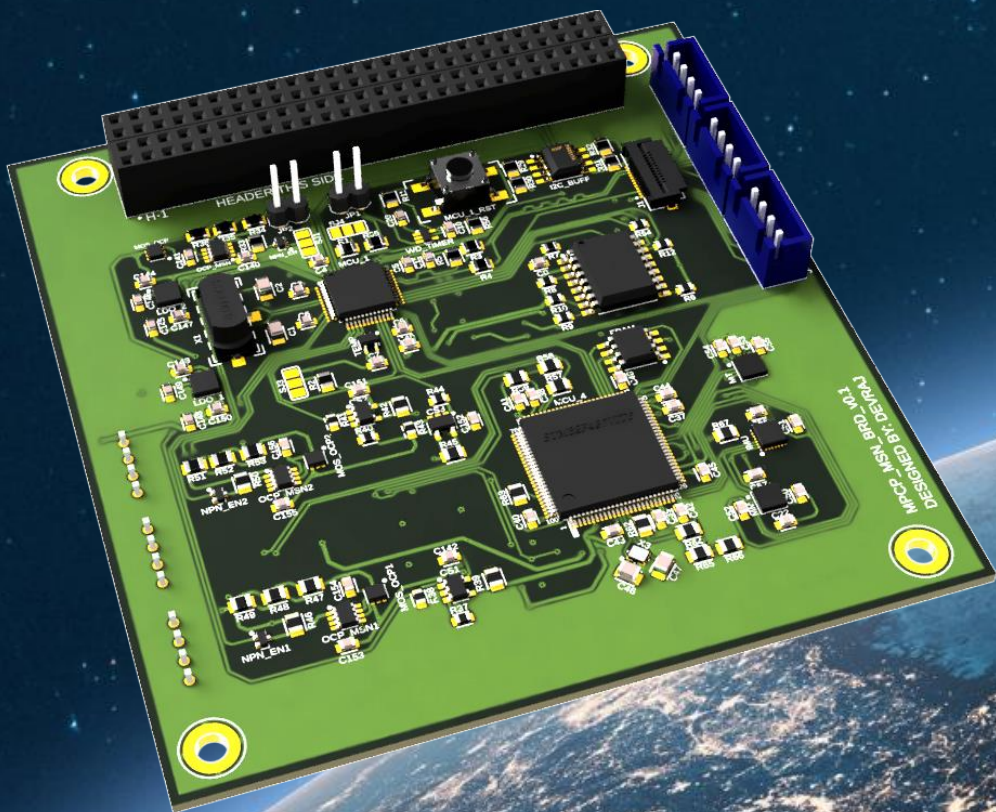
2022 Statistics

2x Satellite Bootcamps

2x Trainers Training Camp

15+ Individuals: Trainer's Training

30+ Individuals: Bootcamp Training



Danfe

Flight Model Phase
FM Integration in Feb 2023



Munal

Engineering Model Phase
CDR on Feb 2023



UNITED NATIONS
Office for Outer Space Affairs



अन्तरिक्ष
ANTARIKSHA



NSSA



محمد بن راشد
الفضاء
MOHAMMED BIN RASHID SPACE CENTRE

PHI-1 Project with UAE and UNOOSA

UNISEC-Nepal Coordinated Space Environment Testing Facilities

Khwopa Engineering College

<https://www.khec.edu.np/>



RF Specialization

Antenna Design Laboratory (Established)

Ground Station Repairs (Done)

Anechoic Chamber Facility (X)

Khwopa Students Involved: 3

Institute of Engineering, Pulchowk

<https://pcampus.edu.np/>



Space Environment Specialization (Proposed)

Vibration Shaker (Preliminary Study)

Hemholtze Cage (Preliminary Study)

Thermal Vacuum Chamber (Pre Study)

Pulchowk Students Involved: 8

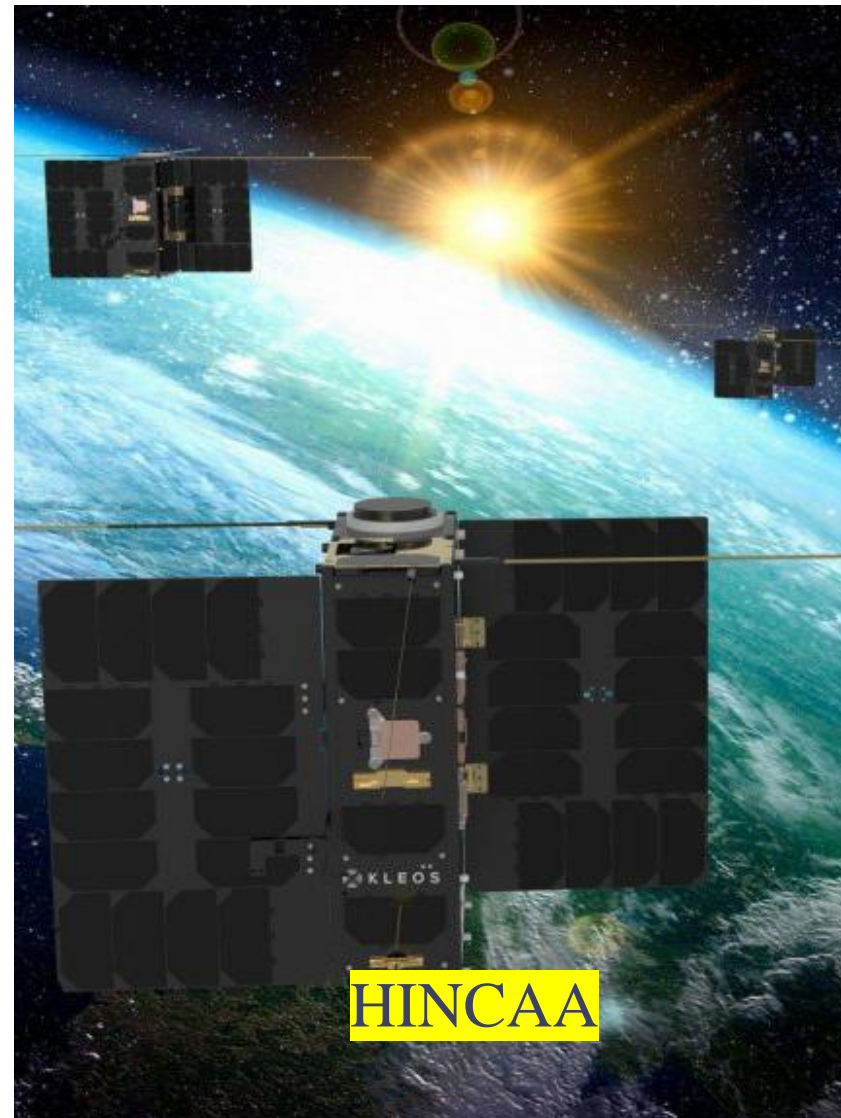
2023 Activities

UNISEC-Global (Direct/Indirect) Coordinated Activities

UNISEC- Italy



UNISEC-India



UNISEC- Thailand



MIC

AI-based Space Missions
Climate Action Missions

Satellite Training + Competition?

12x Training Bootcamps

1x PaperSat Art Competition (for APRSAF)

1x Bring Back Mission Competition? (ARLISS Inspired)

Thank You