

[https://www.reddit.com/r/Nepal/comments/ca3s69/vector\\_illustration\\_landscape\\_of\\_nepal/](https://www.reddit.com/r/Nepal/comments/ca3s69/vector_illustration_landscape_of_nepal/)

## UNISEC-Global Local Chapter Report for Nepal

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# UNISEC-Nepal Introduction

Established in 2020

- 6 University/Engineering Colleges Registered
- Participation in CLTP-7,8 and 11
- Localized CanSat Trainings from 2016
- HEPTA-Sat Training in Kathmandu Univ. in 2018

[Current Focus]

- Satellites as a training tool to teach space/STEM
- Involve experts from non-satellite field to diversify



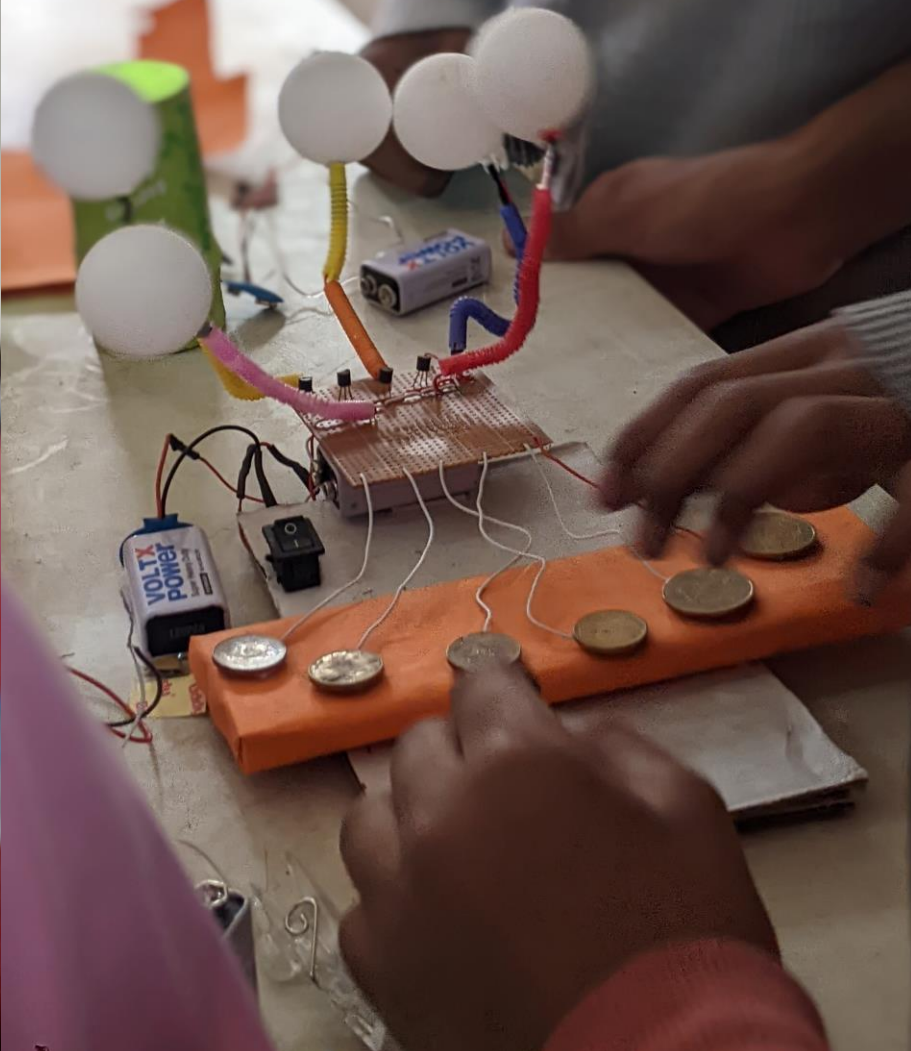


Satellite-based/inspired training programs for primary to university level

PaperSat Art



Tinkerlab Electronics



SastoCube Satellite Training



Training focused outside premises of Kathmandu into different regions in Nepal



Khotang  
2021



Pokhara  
2022



Melamchi  
2022



# Nepal's Launched Satellites



**NepaliSat-1** by Nepal Academy of Science and Technology  
2019-2021



<https://www.nanosats.eu/sat/nepalisat-1>

# SanoSat-1 Pico by Orion Space Pvt. Ltd 2022-



[https://en.wikipedia.org/wiki/Nepal\\_PO-1](https://en.wikipedia.org/wiki/Nepal_PO-1)



# Satellite Projects Underway (2020-



Space Systems Laboratory-KUHS, Dhulikhel



Nepal Academy of Science and Tech, Lalitpur

# Senior Team



SPACE MISSION

Mission Payload for  
3U Thai MPCP CubeSat

# Junior High School Team



Flagship 1U CubeSat inspired  
by BIRDS Open Source Design





**Localized Testing Facility Concept  
in UNISEC Member Universities**

**Proposed Anechoic Chamber  
(Khwopa Engineering)**



**Proposed  
Thermal Vaccum Chamber  
Vibration Shaker  
(Institute of Engineering Pulchowk)**

**Lalitpur  
ललितपुर**



**Bhaktapur  
भक्तपुर**

**Established  
Space Systems Laboratory  
(Kathmandu Univ. High School)**



**Dhulikhel  
धुलिखेल**

