



**NEW LEAP INITIATIVE**

# OUR VISION



Use of Open-Source, Commercial-of-the-Shelf components and frugal engineering is the key for involving masses in critical technology development.

# OUR MISSION



1. To make Space Technology accessible to a common people
2. To launch a student satellite by Quarter 4 of 2020
3. To promote activities relevant to space and Radio technologies

# REPORTING AUTHORITIES

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**Dr. Umesh Shinde**  
**FACULTY INCHARGE**



**Prof. Devanand Bathe**  
**HAM CLUB INCHARGE**

# OUR PROJECTS & ACTIVITIES



- **MODEL ROCKETRY.**
- **SMALL SATELLITES TALK. (For students and teachers at our institute)**
- **DEVELOPMENT OF ARDUINO BASED NANOSATELLITE.**
- **DEVELOPMENT OF AN EASY TO REPLICABLE SATELLITE BUS AND A DEPLOYER.**
- **UPPER AIR SOUNDING SYSTEM IN ASSOCIATION WITH DATABYTE SERVICES AND SYSTEMS.**
- **DEVELOPMENT OF AN EFFICIENT LOW COST GROUNDSTATION.**

# ABOUT NEW LEAP INITIATIVE



New Leap Initiative is a student team fuelled with the spirit of innovation and research in space domain. This team consists of many sub-teams working on different projects related to space and RF domain. The team aims to develop among its members, research and innovation capabilities, along with important life skills like team work, effective team management and leadership and provides a platform for students to explore their innovative research ideas. The team was formed in 2016 and has seen many achievements and recognitions both at institute as well as national levels.

# TEAM STRUCTURE



# OUR ACHIEVEMENTS

1. Winner at Touch the Jovian Moon Contest

2. Lamakaan Radio Fest: 1st prize in UHF/VHF antenna making contest

3. Minor Research Grant received from Mumbai University



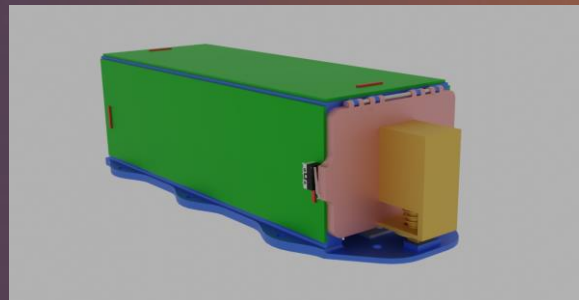
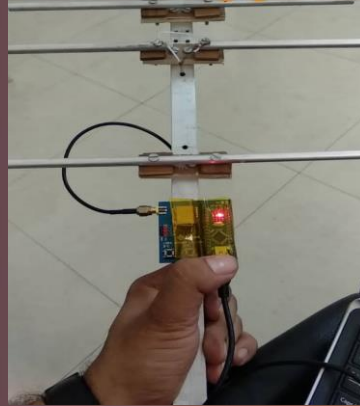
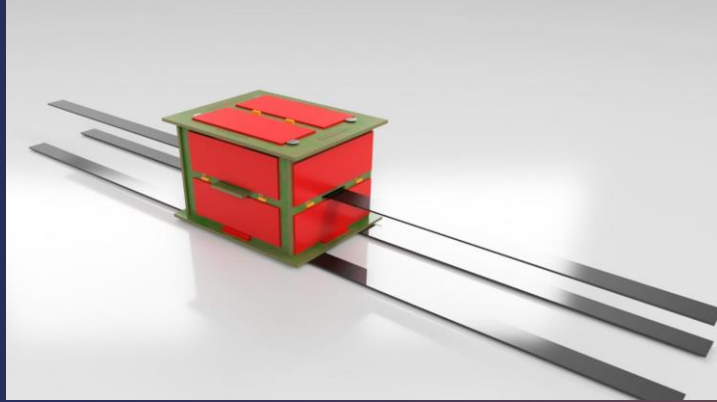
Winning Team at ISRO



Winning Team at Lamakaan Radio Fest



## Some Images of Groundstation and Satellite:



# Some Snaps of the Team:



# CONTACT INFORMATION



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***THANK YOU***