

The prospect of commercialization of space has the potential to leapfrog space exploration, infrastructure, access and terrestrial applications. Dhruva Space is a Bangalore based space start-up dedicated to lead privatization of space sector in India.

We are witnessing the emergence of private space industry in the West and this shift has not taken place in India yet. Dhruva Space is a vision of Erasmus Mundus SpaceMaster graduates coupled with experience of scientists who have worked for decades within the space agency.

We are road mapping space based technologies and creating products and services for socio-economic benefits (such as agriculture, floods, etc.) for the developing world. Dhruva Space is involved in research and development of space systems with specific interests in small satellite technology. To this end, we shall soon be setting up a spacecraft shop. Access to space is limited and there is currently a large on-shelf time for satellites. Dhruva Space aims to facilitate access to space for satellite missions.

We also take the prime responsibilities of public outreach and to create awareness within the academic community in India about products that can be designed based on space technologies and offer internships/thesis opportunities to realize some of the products, which can well lead to patenting, publishing, conference proceedings, etc. Some of the typical projects include balloon based platform development, cansat missions, etc. There are also proposed workshops to experience the complete lifecycle of a space product design at a lower cost and timelines.