

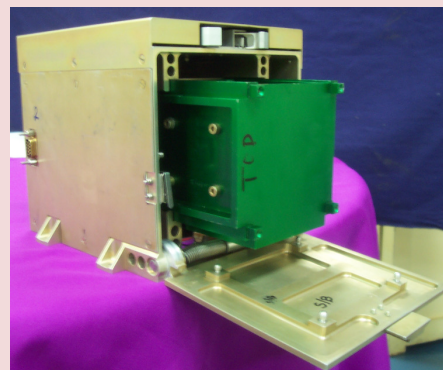
## Pico Satellite Orbital Deployer (POD)

Indian Space Research Organisation (ISRO) at its Vikram Sarabhai Space Centre (VSSC) has developed the technology for a mechanism for ejection of box shaped satellite weighing upto 3 kg by remote command from an enclosure through the application of spring force. The mechanism includes holding and releasing the swing door of the enclosure, ejection of satellite after a delay from swing opening of door. The system is designed, developed and qualified for aerospace applications. Effectiveness of the mechanism has been tried out through a large number of functional tests and on one of the PSLV flights.

This technology – Nano Satellite Ejection System is now available for transfer to industries. In addition to ejection of satellites from launch vehicles, this technology can be utilized for other applications that require ejection of hazardous substances by remote command in a reliable and safe way.



**Fig. Nanosat Ejection System**



**Fig. Nanosatellite being ejected**

## TECHNOLOGY TRANSFER FROM ISRO

ISRO is willing to offer the know-how to eligible interested industries/entrepreneurs in India who are in the field of handling similar technologies. Preference will be given to parties who have an understanding of demand in international market. Parties interested in acquiring this know-how may write with details of their present activities, international market exposure, requirements, plans for commercialisation, infrastructure and technical expertise available, market assessment, export potential and diversification plans to the address given below.

For further details, please contact:

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