

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.1437**

TO BE ANSWERED ON WEDNESDAY, DECEMBER 27, 2017

FAILURE IN LAUNCH OF SATELLITE

1437. SHRI DIBYENDU ADHIKARI:

Will the PRIME MINISTER be pleased to state:

- (a) whether recently India's mission to launch satellite has failed;**
- (b) if so, the details thereof and the reasons therefor along with the technical participation with financial involvement therein;**
- (c) whether failure of this mission is a huge loss of technological support to the country; and**
- (d) if so, the details thereof and the reaction of ISRO in this regard?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG &
PENSIONS AND IN THE PRIME MINISTER'S OFFICE**

(DR. JITENDRA SINGH):

- (a) Yes, Madam. The forty first flight of India's Polar Satellite Launch Vehicle (PSLV-C39/IRNSS-1H Mission), launched on August 31, 2017 was unsuccessful.**
- (b) The cause of the failure was understood after analysing the various flight and ground test data in more detail. The cause for the malfunctioning was the non-initiation of detonation in the vertical jettisoning system.**

Towards enhancing the robustness of the jettisoning system, changes have been incorporated in the vertical jettisoning system of the Payload Fairing, and has been validated through extensive simulations including the full scale Payload Fairing separation test.

(c) & (d)

No, Madam. The failure of PSLV to launch the IRNSS-1H navigation satellite has not resulted in loss of technological support to the country. The next launch of PSLV (PSLV-C40) carrying 3 national and 28 customers' satellites is scheduled in January 2018.
