

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE**

**LOK SABHA  
UNSTARRED QUESTION NO.4463**

**TO BE ANSWERED ON WEDNESDAY, MARCH 29, 2017**

**HIGH RESOLUTION SATELLITES**

**4463. SHRI RAGHAV LAKHANPAL:**

**Will the PRIME MINISTER be pleased to state:**

- (a) whether high resolution satellites capable of continuously monitoring major swathes along India's borders have been launched in the last two years and if so, the details thereof; and**
- (b) whether these satellites are transmitting continuous and uninterrupted live pictures and if so, the details thereof?**

**ANSWER**

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

**(DR. JITENDRA SINGH):**

- (a) No Madam. ISRO has launched two high resolution earth observation satellites 'Cartosat-2 Series satellite' onboard Polar Satellite Launch Vehicle 'PSLV-C34' on June 20, 2016 and onboard 'PSLV-C37' on February 15, 2017 from Satish Dhawan Space Centre (SDSC), Sriharikota. These Cartosat-2 series satellites are placed in a sun synchronous orbit with a**

**designed mission life of 5 years. The main objective of these satellites is to provide high resolution images of earth's surface at sub-meter resolution (Black & White image) and at 2 meter resolution (4-band colored image). The images obtained from these satellites are useful in variety of applications requiring high resolution images, which include cartography, infrastructure planning, urban & rural development, utility management, natural resources inventory & management, disaster management.**

- (b) Cartosat-2 series satellite does not transmit continuous and uninterrupted live pictures. However, the capability exists to provide 1 minute video of specific area of interest.**

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