

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE**

**LOK SABHA  
UNSTARRED QUESTION NO.2335**

**TO BE ANSWERED ON WEDNESDAY, DECEMBER 26, 2018**

**HEAVIEST SATELLITE LAUNCH**

**2335. KUNWAR HARIBANSH SINGH:**

**SHRI JITENDRA CHAUDHURY:**

**SHRI S.R. VIJAYAKUMAR:**

**SHRI SUDHEER GUPTA:**

**SHRI R. PARTHIPAN:**

**SHRI S. RAJENDRAN:**

**SHRI T. RADHAKRISHNAN:**

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

- (a) whether the Indian Space Research Organisation (ISRO) has launched heaviest and most advanced high throughput communication satellite GSAT-11 recently;**
- (b) if so, the details thereof along with the aims and objectives thereto;**
- (c) whether the targeted objectives have been achieved successfully till date and if so, the details thereof;**
- (d) the expenditure incurred on the development of the satellite and its launch separately;**
- (e) the further steps taken/ being taken to boost the broadband connectivity to rural and inaccessible Gram Panchayats in the country; and**
- (f) the number of targets fixed by the Government to launch satellites during the next year?**

**ANSWER**

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

**(DR. JITENDRA SINGH):**

- (a) Yes, Madam.**
- (b) GSAT-11 satellite, with a lift-off mass of 5854 kg, was successfully launched from French Guiana onboard Ariane-5 launch vehicle at 0207 hrs (IST) on December 5, 2018. GSAT-11 is a communication satellite in Ka x Ku band providing a high throughput capacity of 16 Gbps. The satellite is launched with an objective to provide high data rate and broadband connectivity to Gram Panchayats, Islands and rural areas of the country. In addition, this satellite has capability to support other telecommunication services also.**
- (c) Yes Madam. The satellite has been launched successfully. All orbit raising operations and deployments on GSAT-11 have been completed successfully.**
- (d) The expenditure incurred (as on November 2018) on the development of the satellite and its launch is Rs. 573.68 Crores and Rs. 810.94 Crores respectively.**
- (e) In order to address the required satellite connectivity to boost the broadband connectivity to rural and inaccessible Gram Panchayats in the country, three satellites namely GSAT-19, GSAT-29 and GSAT-11 satellites have been launched and another satellite GSAT-20 is under realisation for augmenting the capacity further.**
- (f) ISRO has target of realizing around 30 missions during the year 2019.**