

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE**

**LOK SABHA  
UNSTARRED QUESTION NO.100**

**TO BE ANSWERED ON WEDNESDAY, NOVEMBER 16, 2016**

**LAUNCH OF PSLV-C34**

**100 SHRI ASHWINI KUMAR CHOUBEY:**

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

- (a) the details of the total number of satellites launched by the PSLV-C34 from Satish Dhawan Space Centre;**
- (b) the detailed information of the working of satellites which were launched by PSLV-C34;**
- (c) whether India has increased use of space capabilities for military applications in space; and**
- (d) if so, the details thereof and the future planning regarding the same?**

**ANSWER**

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

**(DR. JITENDRA SINGH):**

- (a) On June 20, 2016, ISRO's Polar Satellite Launch Vehicle (PSLV-C34) has successfully launched 20 satellites from Satish Dhawan Space Centre (SDSC), Sriharikota. The details are given below:**

<b>Satellite</b>	<b>Country/ Institution</b>	<b>No. of Satellites</b>	<b>Weight (in kg)</b>
<b>Cartosat-2 Series</b>	<b>India</b>	<b>01</b>	<b>727</b>
<b>BIROS</b>	<b>Germany</b>	<b>01</b>	<b>130</b>
<b>SkySat-Gen2-1</b>	<b>USA</b>	<b>01</b>	<b>110</b>

<b>Satellite</b>	<b>Country/ Institution</b>	<b>No. of Satellites</b>	<b>Weight (in kg)</b>
<b>LAPAN-A3</b>	<b>Indonesia</b>	<b>01</b>	<b>120</b>
<b>M3MSat</b>	<b>Canada</b>	<b>01</b>	<b>85</b>
<b>GHGSat-D</b>	<b>Canada</b>	<b>01</b>	<b>26</b>
<b>DOVE</b>	<b>USA</b>	<b>12</b>	<b>57</b>
<b>SWAYAM</b>	<b>College of Engineering, Pune</b>	<b>01</b>	<b>1</b>
<b>SATHYABAMASAT</b>	<b>Sathyabama University, Chennai</b>	<b>01</b>	<b>1.5</b>

**(b) The Cartosat-2 Series satellite of India is working satisfactorily. The early operation phase after the launch, including the payload calibration activities has been completed and the satellite is currently under commissioning phase for operational use.**

**The performance of student satellites (Sathyabamasat and SWAYAM) and the foreign satellites is not monitored by India after their launch. All these satellites reported satisfactory reception of signal after the launch.**

**(c)&(d) In India, space technology is used for the peaceful use of outer space and harnessing the space technology for national development. The data and services derived from earth observation, communication and navigation satellites are used for various applications in the area of natural resources management, infrastructure planning, Disaster Management Support, rural connectivity, location based service, societal services, including strategic applications. To ensure continuity of services and to further strengthen applications in these areas, a plan is in place for suitably augment the space infrastructure.**

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