

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.2**

TO BE ANSWERED ON WEDNESDAY, JULY 18, 2018

LAUNCH OF SATELLITES

2. SHRI VENKATESH BABU T.G.:

Will the PRIME MINISTER be pleased to state:

- (a) whether India has successfully launched several satellites in the last one year and also very recently;**
- (b) if so, the details thereof along with details of success, failure and utility thereof;**
- (c) whether there is any proposal to launch more such satellites in the coming years and if so, the details thereof;**
- (d) whether India is moving ahead in the select group of nations who have reached the advanced stage in the launching of satellites, missiles, etc.; and**
- (e) if so, the details thereof and if not, the reasons therefor?**

ANSWER

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

(DR. JITENDRA SINGH):

(a) Yes, Madam.

Since April, 2017 to till date, several satellites were launched namely:

Communication Satellites (4 Nos), Remote sensing satellites (3 Nos) and Navigational satellites - IRNSS-1H, IRNSS-1I (2 Nos)

(b) During the above period, a total of 9 satellites were launched comprising of 4 communication satellites (GSAT-9, GSAT-19, GSAT-17, GSAT-6A) for providing satellite based services like communication and broadcasting, VSAT services, broadband, etc; 3 remote sensing satellites (Cartosat-2E, Cartosat -2F, MICROSAT) for cartographic & remote sensing applications and two navigational satellites (IRNSS-1H, IRNSS-1I) for providing positional services. Out of these 9 satellites, 7 were successfully launched and providing operational services.

IRNSS-1H, launched by PSLV C-39, could not be placed into orbit. GSAT-6A was launched by GSLV-F08. However, it lost the ground link during final orbit raising phase, due to problem in power system.

(c) The satellites viz Hysis, RISAT-2B, CARTOSAT-3, GSAT-29, GSAT-7A, Chandrayaan-2, GSAT-11, GSAT-31 are planned to be launched in the near future.

(d) & (e)

India is one of the few space faring Nations having capability to design, develop and launch the state-of-the-art satellites in the field of Communication, Navigation, Earth Observation & Space Science Missions, using indigenously built Launch vehicles.
