

GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

LOK SABHA

STARRED QUESTION NO. 232

TO BE ANSWERED ON WEDNESDAY, AUGUST 04, 2021

SPACE PROGRAMMES

***232. SHRI NAMA NAGESWARA RAO:**

Will the PRIME MINISTER be pleased to state:

- (a) the details including the number of satellites launched by India during the last three years;**
- (b) the details of funds allocated and spent by the country on these space programmes, programme-wise;**
- (c) the details of revenue earned by the Government through launching of satellites of other countries during the above said period;**
- (d) the details of the space programmes planned for execution by the end of 2021; and**
- (e) whether the Government proposes to involve private sector through Public Private Partnership (PPP) mode in the Indian space sector, 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) to (e) A Statement is laid on the Table of the House.

STATEMENT LAID ON THE TABLE OF THE LOK SABHA IN REPLY TO STARRED QUESTION NO. 232 REGARDING “SPACE PROGRAMMES” ASKED BY SHRI NAMA NAGESWARA RAO FOR ANSWERING ON WEDNESDAY, AUGUST 04, 2021.

(a) & (b)

The details of the number of satellites launched by India during the last three years (2018-19, 2019-20 and 2020-21), funds allocated and cumulative expenditure on these projects till March 2021, are given programme-wise in the following table:

(Rs. in Crores)

| Sl. No | Satellite Name | Launch date | Approved cost | Cumulative Expenditure (up to Mar-21) |
|---|--|--------------------|----------------------------|--|
| 1. | Communication Satellite Programme | | | |
| (a) | GSAT-29 | 14.11.2018 | 175.63 | 164.79 |
| (b) | GSAT-11 | 05.12.2018 | 583.50 | 578.95 |
| (c) | GSAT-31 | 06.02.2019 | 959.50^s | 511.05 |
| (d) | GSAT-30 | 17.01.2020 | | |
| (e) | CMS-01 | 17.12.2020 | 200.00 | 162.93 |
| 2. | Navigation Satellite Programme | | | |
| (a) | IRNSS-1I | 12.04.2018 | 1420.00[#] | 1407.99 |
| 3. | Earth Observation Satellite Programme | | | |
| (a) | Cartosat-3 | 27.11.2019 | 351.16 | 300.08 |
| 4. | Space Science Programme | | | |
| (a) | Chandrayaan-2 | 22.07.2019 | 603.00 | 598.36 |
| (^s) Approval for three satellites (GSAT-30, 31 & 32). Launch of two satellites have been completed. | | | | |

(#) Approval for nine satellites. Completed the launch of all the satellites.

During the above period, the Department has also launched seven User funded satellites, 105 Commercial satellites and five student satellites.

- (c) During the period from January 2018 until March 2021, the revenue earned by the Government through launching of Satellites is 34 Million USD and 43 Million Euros.**
- (d) The details of the space programmes planned for execution by 2021 are as follows:**
- GSLV F10 / EOS-03: GSLV F10 is scheduled to launch EOS-03, an earth observation satellite in the 3rd quarter of 2021.**
 - PSLV-C52 / EOS-04 Mission: PSLV-C52 is scheduled to launch EOS-04, an earth observation satellite in the 3rd quarter of 2021.**
 - Small Satellite Launch Vehicle / EOS-02: The first developmental flight of Small Satellite Launch Vehicle, SSLV-D1 is scheduled to launch EOS-02, an earth observation satellite in the 4th quarter of 2021.**
 - PSLV-C53 / EOS-06: PSLV-C53 is scheduled to launch EOS-06, an earth observation satellite in the 4th quarter of 2021.**
- (e) Creating a successful public private partnership to develop technology for enhanced throughput requirements of satellites and launch vehicles in the country needs to be supplemented by a sound legal and policy framework. The Government has opened up**

the space sector for private players with the announcement of space sector reforms and the formation of IN-SPACe, an independent body housed on Department of Space which will regulate and promote private sector activities. Private players are gradually expected to move up the value chain from being vendors to independent players which is expected to ultimately pave way for a Public Private Partnership in space sector.
