

GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

LOK SABHA

UNSTARRED QUESTION NO. 2635

TO BE ANSWERED ON WEDNESDAY, MARCH 10, 2021

GENERIC SPACE FLIGHT

2635. SHRI VINOD KUMAR SONKAR:

DR. JAYANTA KUMAR ROY:

SHRI BHOLA SINGH:

SHRIMATI SANGEETA KUMARI SINGH DEO:

SHRI RAJVEER SINGH (RAJU BAAIYA):

SHRIMATI SARMISTHA SETHI:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government has formed 'Indian National Space Promotion and Authorisation Centre – IN-SPACe' to accelerate major reforms in the space sector;**
- (b) if so, the details thereof?**
- (c) whether the Government has proposed to launch the PSLV-C51 carrying the Amazonia Satellite from Brazil, along with a few smaller Indian satellites;**
- (d) if so, the details thereof?**
- (e) whether the Government has trained four Indian astronauts on Generic Space Flight aspects in Russia as a part of the Gaganyaan mission;**
- (f) if so, the details thereof?**

(g) the Other steps being taken/proposed to be taken by the Government in space sector?

ANSWER

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

(DR. JITENDRA SINGH):

(a) & (b)

Yes Sir, Government of India has made reforms in Space sector by enabling private sector participation in Space activities.

The space sector reforms were made with the intention to provide level playing field for private companies in satellites, launches and space-based services, to bring in predictable policy and regulatory environment to private players, to provide access to ISRO facilities and other relevant assets to improve their capacities, to provide opportunities in selected areas of planetary exploration, outer space travel, etc. to private sector and to liberalise the existing geo-spatial data policy for providing remote-sensing data to entrepreneurs.

The Indian National Space Promotion and Authorization Centre (IN-SPACe) was formed as the regulatory body to promote, handhold, permit, monitor and supervise the space activities of private sector.

(c) & (d)

Yes Sir, PSLV-C51 carried Amazonia-1 optical earth observation satellite of National Institute of Space Research of Brazil along with 18 small satellites on February 28, 2021.

(e) & (f)

Yes Sir, the four Indian astronaut candidates are currently undergoing generic space flight training in Russia as part of Gaganyaan Programme. The astronaut training activities in Russia are nearing completion. Major modules such as survival training (snow, water and steppe), parabolic flights, theoretical classes on orbital mechanics, astro-navigation and some Soyuz systems have been completed.

(g) The Government of India is in the process of creating ecosystem for thriving Space industry in India by bringing in new sectoral policies and guidelines and also revising existing policies. The draft Space Activities Bill is also undergoing legal vetting and further processing.
