

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

RAJYA SABHA

UNSTARRED QUESTION NO. 1897

TO BE ANSWERED ON THURSDAY, MARCH 16, 2023

INDIA'S SHARE IN GLOBAL SPACE ECONOMY

1897. SHRI JUGALSINH LOKHANDWALA:

Will the PRIME MINISTER be pleased to state:

- (a) the estimated size of the global space economy and India's share in it;
- (b) the steps taken by Government to increase India's share and the target for 2030; and
- (c) the estimated timeline of the launch of Gaganyaan?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES
& PENSIONS AND IN THE PRIME MINISTER'S OFFICE
(DR. JITENDRA SINGH):**

- (a) The exact sizing of Global Space Economy is a complex exercise and matter of much debate. A 2019 estimate pegs the global space economy at 360B USD, with India's share at approximately 2-3%.
- (b) Government has taken several steps to increase India's share in global space market, through the reforms undertaken in 2020, which seek to augment the space sector in the country with greater participation of Non-Governmental Entities [NGEs].

As a part of these reforms, NSIL's role has been enhanced to bring a commerce-oriented approach to space activities, with the agency acting as an aggregator of user requirements

and to obtain commitments. Also, the Indian National Space Promotion & Authorization Centre [IN-SPACe] has been created as a single window agency to promote, handhold and authorize the activities of NGEs in the sector, thus providing them with a level playing field.

- (c) The first uncrewed mission of Gaganyaan programme is targeted in the first quarter of 2024. This will be followed by the second uncrewed mission targeted in the second quarter of 2024. The first crewed mission of Gaganyaan programme is targeted in the last quarter of 2024. Prior to the crewed mission, series of test vehicle missions are planned to validate the performance of critical crew escape system and deceleration systems. The first test vehicle mission is planned in May 2023.
