

GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

**RAJYA SABHA**

**UNSTARRED QUESTION NO. 1410**

TO BE ANSWERED ON THURSDAY, DECEMBER 09, 2021

**COST OF GAGANYAAN PROGRAMME**

1410. SHRI M.MOHAMED ABDULLA:

Will the PRIME MINISTER be pleased to state:

- (a) the current status and estimated cost of the Gaganyaan Programme;
- (b) the estimated date of launch and cost of India's first Manned space launch;
- (c) whether are there any proposals to send a manned mission to the moon;
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) the estimated date of launch and cost of India's first manned Lunar Landing?

**ANSWER**

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

(DR. JITENDRA SINGH):

(a) & (b)

The approved budget for Gaganyaan Programme is ₹ 9023.00 crores. The current status of Gaganyaan programme is as follows:

- i. The astronaut training facility is getting established at Bengaluru and in advanced stage of completion. Basic Aeromedical training and flying practice completed as part of Indian leg of training.

- ii. The design of all systems of Gaganyaan has been completed. Realisation of various systems are in different stages of progress. Ground qualification tests of human rated launch vehicle propulsion stages have been already commenced and successfully progressing.
- iii. The configuration and design of ground infrastructure has been completed and modifications needed are being implemented.
- iv. The MoU, contracts and Implementation arrangement (IA) related activities with both national and international agencies are progressing well. Receipt of deliverables has commenced against contracts with M/s Glavkosmos (Russian Space Agency) for space suit, crew seat and View port. Also receipt of deliverables under various work packages of CNES (French Space Agency) IA has commenced.
- v. The activities related to development of microgravity experiments have commenced, the conceptual design for experiments is under review.
- vi. The major missions viz., Test vehicle flight for the validation of Crew Escape System performance and the 1st Uncrewed mission of Gaganyaan (G1) are scheduled during the beginning of 2nd half of 2022. This will be followed by second uncrewed mission and first crewed mission.

(c) & (d)

Currently, there is no proposal to send a manned mission to moon. Any proposal or studies for extending human presence beyond Low earth orbit could be taken after demonstration of Gaganyaan programme.

(e) Does not arise

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