GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

LOK SABHA

UNSTARRED QUESTION NO. 668

TO BE ANSWERED ON WEDNESDAY, 03 DECEMBER, 2025

INDIAN INDIGENOUS SPACE STATION

668. SHRI BHARTRUHARI MAHTAB:

Will the PRIME MINISTER be pleased to state:

(a) the details of the Government's plan and timelines for establishing an indigenous space station approximately 300 km above the Earth's surface and the steps being taken by the Indian Space Research Organisation (ISRO) and related agencies to achieve this objective;

(b) the details of estimated budget allocation and funding source for this mission;

(c) whether the Government has set a target year for launching and commissioning the space station and if so, the details thereof;

(d) whether international collaboration be sought for technology, crew training or logistics support and if so, details thereof; and

(e) the manner in which this project align with the upcoming Gaganyaan human spaceflight programme?

ANSWER

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

(DR. JITENDRA SINGH):

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(a) ISRO has worked out overall configuration of indigenous Space Station, Bharatiya Antariksh Station comprising of five modules which is expected to be fully operational by 2035 timeframe. The overall configuration has been reviewed by a National Level Review Committee. In September,2024, Union Cabinet approved development and launch of first module of Bharatiya Antariksh Station (BAS-01) by 2028. Overall system engineering of BAS-01 module and technology development activities of various subsystems is progressing well.

(b) The budgetary allocation towards various precursor missions, development and launch of BAS-1 are included in the revised scope of Gaganyaan Programme, which has been enhanced with an additional funding in the already approved Gaganyaan Programme to ₹20,193Cr based on approval from Union Cabinet in September, 2024.

(c) Development and launch of the first module i.e. Base module (BAS-01) is targeted by 2028 and fully operational BAS with five modules is expected by 2035.

(d) ISRO is incorporating necessary international standards in the design of BAS-01 subsystems which ensures interoperability of BAS-01 with systems provided by other international agencies. Further, through currently operational cooperation instruments with other space agencies, potential areas of collaboration including joint development of technologies for Indian Human Space programme, support for utilising niche test facilities are also being explored.

(e) Gaganyaan, first crewed demonstration mission will enable demonstration of capabilities for safe human transportation to Low Earth Orbit (LEO) and return back to Earth. Bharatiya Antariksh Station (BAS) is the next logical step in sustained

Indian Human Space Programme. It will open up further avenues in space exploration, which will lead to utilisation of the unique microgravity environments in LEO for advanced scientific research and technology development activities as well as support further Indian human exploration missions (i.e.) Indian landing on Moon as envisioned in India's Space Vision 2047.

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