

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

LOK SABHA

UNSTARRED QUESTION NO. 3850

TO BE ANSWERED ON WEDNESDAY, DECEMBER 18, 2024

OPERATIONALISATION OF THE BHARATIYA ANTRIKSH STATION

3850. SHRI JAGDAMBIKA PAL:

Will the PRIME MINISTER be pleased to state:

- (a) the details on the objectives and expected capabilities of the Bharatiya Antriksh Station in comparison to other space stations; and**
- (b) the timeline for the construction and operationalization of the Bharatiya Antriksh Station and the milestones that have been set to ensure its timely completion?**

ANSWER

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

(DR. JITENDRA SINGH):

- (a) Bharatiya Antariksh Station (BAS) will fulfil the objectives of an orbiting Indian human spaceflight platform in Low Earth Orbit (LEO). This will enable to undertake medium to long duration human spaceflight missions to LEO, as part of the sustained Indian human space program. Similar to other operational space stations, BAS will**

also comprise of multiple modules and state of the art technological capabilities for carrying out cutting edge scientific research and technology development activities in microgravity environment, targeted towards national priorities and societal applications.

(b) With the recent approval of revision in Gaganyaan Programme, the scope of the program has been expanded to include precursor missions to Bharatiya Antariksh Station (BAS), including development & launch of 1st module of BAS (BAS-01). The 1st module of BAS is targeted to be launched in 2028 timeframe and BAS is expected to be fully operationalised with all modules by 2035 timeframe.
