

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

RAJYA SABHA
UNSTARRED QUESTION NO. 2851

TO BE ANSWERED ON THURSDAY, DECEMBER 19, 2024

BHARATIYA ANTRIKSH STATION

2851. SHRI NARHARI AMIN:

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 operationalisation of the Bharatiya Antriksh Station and milestones 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 objective of an orbiting Indian human spaceflight platform in Low Earth Orbit (LEO). This will enable to undertake medium to long duration human space flight 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.
