

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
LOK SABHA**

UNSTARRED QUESTION NO. 460

TO BE ANSWERED ON WEDNESDAY, NOVEMBER 27, 2024

ANALOGUE MISSION IN TIBET REGION BY ISRO

460. SHRI DHAIRYASHEEL SAMBHAJIRAO MANE:

SHRI SUDHEER GUPTA:

Will the PRIME MINISTER be pleased to state:

- (a) whether Indian Space Research Organisation (ISRO) has launched its first analogue mission in Tibet region of the country and if so, the details thereof;**
- (b) the aims and objectives of this mission;**
- (c) whether the Government is planning to send its first human to space under the Gaganyaan Mission and if so, the details thereof;**
- (d) the manner in which this analogue mission will be a game changer in sending the first Indian to space;**
- (e) whether ISRO is also planning to set up its first space centre by the year 2035 and if so, the details thereof; and**
- (f) the details of the progress made in this regard and total amount of expenditure likely to be incurred on the mission??**

ANSWER

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

(DR. JITENDRA SINGH):

- a) First analogue space mission was carried out in Leh, as a collaborative effort by ISRO, AAKA Space Studio, University of Ladakh, IIT Bombay and supported by Ladakh Autonomous Hill Development Council.**
- b) Aim and objectives are to simulate life in an interplanetary habitat to tackle the challenges of a base station beyond Earth.**
- c) Yes, Sir. ISRO is targeting the first human space flight demonstration mission under the Gaganyaan programme by end of 2026. The Gaganyaan Programme envisages undertaking the human spaceflight to Low Earth Orbit (LEO) and to lay the foundation of technologies needed for an Indian human space exploration programme in the long run.**
- d) Objectives of this analogue side mission are not linked with the planned first human space flight demonstration mission, targeted in 2026.**
- e) Yes, Sir. ISRO is planning to set up its first space centre (space station) i.e Bharatiya Antariksh Station (BAS) by 2035. BAS will be the first National Space Laboratory to conduct multidisciplinary microgravity experiments and studies in the fields of Science, Technologies, Medicine, Agriculture, Space manufacturing, among others. BAS will also be acting as platform for global & national collaboration, gateway to lunar exploration & beyond and to help boosting the Space Economy of the country.**

f) ISRO has initiated development of various technologies for the Bharatiya Antariksh Station. These technologies will be demonstrated through precursor missions for BAS, which have been recently approved as part of revision in Gaganyaan programme. With a net additional funding of ₹11,170 Cr in the already approved programme, the total revised funding of Gaganyaan Programme with enhanced scope is ₹20,193 Cr.
