GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

LOK SABHA

UNSTARRED QUESTION NO. 1778

TO BE ANSWERED ON WEDNESDAY, JULY 30, 2025

BHARATIYA ANTARIKSHA STATION

1778. SHRI GURMEET SINGH MEET HAYER:

Will the PRIME MINISTER be pleased to state:

(a) the details of Bharatiya Antariksha Station (BAS) and the milestones achieved so far, along with the expected completion date;

(b) the details of specific work completed and next phases of BAS;

(c) the details of the total budget allocated and the amount spent on major components;

(d) whether India is partnering with any space agencies or organisations, if so, the details thereof along with the nature of these collaborations; and

(e) the key research and technological goals of BAS?

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) Plans for establishing five modules of Bharatiya Antariksha Station (BAS) by 2035 has been worked out of which approval for development & launch of first module has been obtained. The 1st module of BAS will be launched by 2028.

(b) Major activities carried out for 1st module of BAS include preliminary configuration and preliminary accommodation studies for various systems; Configuration of various systems are being finalised; Overall system engineering and detailed engineering of various identified subsystems have commenced; Hardware specification identification and interface requirements finalization are being carried out.

(c) Rs. 720 Crore has been allocated for 1st module of BAS and procurement activities for long lead items have commenced.

(d) As of now, there is no proposal for partnering with any space agencies or organisation.

(e) Major technology goals targeted for BAS include rendezvous & docking, robotics, in-orbit refueling, crew quarters, intra vehicular suit, racks for microgravity experiments. Key microgravity research areas targeted include life sciences, pharmaceuticals, material sciences and manufacturing technologies.

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