

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

RAJYA SABHA
UNSTARRED QUESTION NO. 2955

TO BE ANSWERED ON THURSDAY, JULY 18, 2019

ACHIEVEMENTS IN RESEARCH AND SPACE EXPEDITIONS

2955. DR. SATYANARAYAN JATIYA:

Will the PRIME MINISTER be pleased to state:

- (a) the details of achievements in various areas of research and space expedition, during the last three years in the field of space science, year-wise; and
- (b) the upcoming time-bound special action plan proposed in the area of upgradation of space science?

ANSWER

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

(DR. JITENDRA SINGH):

- (a) The year-wise achievements in the field of space science are as follows:

Sl. No.	Year	Achievement
1.	2016	<ul style="list-style-type: none">• First year of MOM data is released to public.• ASTROSAT yielded new science from observations of cosmic sources which have translated into important scientific publications.
2.	2017	<ul style="list-style-type: none">• Finalisation of landing site for Chandrayaan-2• MoU signed between Raman Research Institute (RRI) and U. R. Rao Satellite Centre (URSC) – ISRO for the Polarimeter Instrument in X-rays (POLIX) development.
3.	2018	<ul style="list-style-type: none">• Realization of payloads, extensive special tests for Chandrayaan-2 Vikram lander
4.	2019	<ul style="list-style-type: none">• Indigeneous development of Chandrayaan-2 Orbiter, Lander and Rover.• Venus Mission: 17 Indian proposals and 7 international proposals recommended.

- (b) The upcoming science missions along with their schedule are as follows:
- (i) Chandrayaan-II originally planned for launch on 15th July 2019 has been postponed. Exact dates to be announced later once decided.
 - (ii) Aditya L1 mission to study the Sun in 2020
 - (iii) X-ray Polarisation Satellite (Xposat) mission to study X-ray polarisation in 2020
 - (iv) Venus mission is planned during 2023
 - (v) Second mission to Mars (MOM-2) is planned during 2024
 - (vi) **D**isturbed and quiet-type **I**onosphere **S**ystem at **H**igh **A**ltitude (DISHA) satellites are planned during 2024-25
 - (vii) Astronomy mission in 2025
