

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.6013**

TO BE ANSWERED ON WEDNESDAY, APRIL 04, 2018

CHANDRAYAAN-II

6013. SHRI KIRTI VARDHAN SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Government is in the process of sending/launching Chandrayaan-II in the near future;**
- (b) if so, the details thereof;**
- (c) the time when Chandrayaan-I was launched and whether the objective of that mission has been fulfilled; and**
- (d) if so, the details thereof?**

ANSWER

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

(DR. JITENDRA SINGH):

- (a) Yes Madam.**
- (b) Chandrayaan-2 mission is an indigenous mission with Orbiter, Lander and rover configuration. After reaching the 100 km lunar orbit, the Lander will soft land on the lunar surface and deploy a Rover, while the orbiter will continue to orbit around the moon. The mission is planned to be launched during 2018 by GSLV Mk-II from Sriharikota.**

- (c) ISRO launched Chandrayaan-1 on October 22, 2008 by PSLV C-11 from Sriharikota and inserted it in the lunar orbit on November 08, 2008. Payloads studied the Moon from different perspectives and generated good quality data. The mission discovered the presence of hydroxyl and water molecules on the lunar surface.**
- (d) The details on the achieved objectives is provided below:**
- (i) Chandrayaan-1 was ISRO's first mission with a spacecraft orbiting moon. All technological advances for navigating to the moon, placing the spacecraft in a 100 km polar orbit, and enabling instruments to observe the moon were accomplished.**
 - (ii) Chandrayaan-1 was the first mission which provided confirmation of presence of water on Moon. Systematic topographic mapping of the Moon and Mineralogical mapping of the moon was also done with very good coverage in the Polar Regions.**
 - (iii) Chandrayaan-1 has used state-of-the-art miniaturized technologies to accommodate eleven scientific experiments.**
 - (iv) A 32 m dish antenna was established near Bengaluru, as part of the Indian Deep Space Network to receive signals and data from the satellite.**
