

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.125**

TO BE ANSWERED ON WEDNESDAY, FEBRUARY 24, 2016

LAUNCH OF IRNSS-1E

125. SHRI SATAV RAJEEV:

Will the PRIME MINISTER be pleased to state:

- (a) whether Indian Space Research Organisation (ISRO) has launched the fifth (IRNSS-1E) navigation satellite in the Indian Regional Navigation Satellite system;**
- (b) if so, the details thereof;**
- (c) the time by which this navigation system will be fully operational;**
- (d) whether some countries have shown interest for cooperation in developing satellite navigation system; and**
- (e) if so, the details thereof and the response of the Government thereto?**

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) IRNSS-1E, the fifth navigation satellite in IRNSS constellation of 7 satellites, was successfully launched onboard Polar Satellite Launch Vehicle 'PSLV-C31' on January 20, 2016 from Satish Dhawan Space Centre SHAR, Sriharikota.**

(c) The space segment comprising of 7 navigation satellites will be in place by first half of 2016.

(d)&(e) The discussions with Russia are underway to locate suitable Ground support system for enhancing the utility of navigation.
