

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:6435  
ANSWERED ON:12.04.2017  
Synchronisation of Satellites  
Kachhadia Shri Naranbhai

**Will the Minister of SPACE be pleased to state:**

- (a) whether our country has developed the technology of testing and synchronizing satellites of new generation; and
- (b) if so, the specific benefits likely to be accrued therefrom?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE  
(DR. JITENDRA SINGH):

(a) Time synchronisation of satellites are carried out using reference clocks onboard navigation satellites along with high precision ground based reference to maintain time accuracy all the time.

(b) NavIC (Navigation with Indian Constellation) time synchronisation services has potential for adoption in Satellite Control Centre System, Power Grid and Interactive ground network system (VSAT Hubs).

\*\*\*\*\*