

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE**

**LOK SABHA**

**UNSTARRED QUESTION NO.3874**

**TO BE ANSWERED ON WEDNESDAY, DECEMBER 11, 2019**

**SPACE RESEARCH PROJECTS**

**3874. PROF. SAUGATA RAY:**

**Will the PRIME MINISTER be pleased to state:**

- (a) the details of ongoing space research projects of ISRO;**
- (b) whether India will become a hub for space related projects;**
- (c) if so, the details thereof;**
- (d) the details of commercial benefits of ISRO;**
- (e) whether a number of foreign countries used our infrastructure facilities in this sector or their research projects; and**
- (f) 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) The details of the ongoing space research projects are as follows:**
  - Mars Orbiter Mission: India's first mission to orbit Mars and study its atmosphere was launched in 2014.**

- **ASTROSAT: India's first multi-wavelength astronomy satellite was launched in 2015.**
- **Chandrayaan-2: Launched in July 2019, the Orbiter payloads are providing useful science data.**

**(b) & (c)**

**India has developed end-to-end capability to carry out space projects pertaining to building, launching, operating and using satellites for various application needs. India is pursuing cooperation with 55 countries and 5 multinational bodies for peaceful uses of outer space. India is actively participating with multilateral bodies in addressing global issues. India is also providing commercial launch services to foreign countries.**

**(d) The commercial benefits of ISRO are as follows:**

- 1. Launch services**
- 2. Remote sensing data**
- 3. Transponder leasing**
- 4. Spin-off technologies**

**(e) & (f)**

**Infrastructure facilities of ISRO have not been used by foreign countries for their research projects.**

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