

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:3746  
ANSWERED ON:20.03.2013  
GISAT  
Antony Shri Anto

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

- (a) whether the Indian Space Research Organization (ISRO) has designed the Geo-Imaging Satellite called GISAT;
- (b) if so, the details thereof including the salient features of GISAT;
- (c) the advantage of GISAT in comparison to the previous remote sensing satellites launched by ISRO;
- (d) the details of the total financial outlay of the project and the amount spent so far; and
- (e) the time by which GISAT is likely to be launched?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY):

- (a) Indian Space Research Organisation (ISRO) is designing a GEO Imaging Satellite (GISAT).
- (b) GISAT will carry a GEO Imager with multi-spectral (visible, near infra-red and thermal), multi-resolution (50m to 1.5 km) imaging instruments. GISAT will be placed in geostationary orbit of 36,000 km.
- (c) The remote sensing satellites launched by ISRO revisit the same area once in every 2 to 24 days and acquire images of a geographical strip (swath) at different spatial resolution (360 meter to better than 1 meter). GISAT will provide near real time pictures of large areas of the country, under cloud free conditions, at frequent intervals. That is, selected Sector- wise image every 5 minutes and entire Indian landmass image every 30 minutes at 50m spatial resolution.
- (d) The total financial outlay for the project is ` 392 crore excluding the launch cost. The amount spent up to March 2012 is ` 9.9 crore and BE provision of ` 50 crore is made for the year 2012-2013.
- (e) GISAT is planned to be launched during 2016-17.