

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:6950  
ANSWERED ON:11.05.2005  
DESIGNING OF MICRO SATELLITE  
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**Will the Minister of SPACE be pleased to state:**

- (a) whether the Government is aware that the Anna University has designed a micro satellite funded by the ISRO (Indian Space Research Organization);
- (b) if so, the details thereof and the total expenditure incurred thereon; and
- (c) the benefits likely to be derived by the teachers/students therefrom in improving the standards of education?

**Answer**

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

- (a) Yes, Sir. The Anna University has taken up the design and development of a micro satellite, namely ANUSAT. ISRO will provide Anna University with knowledge inputs and help in reviews, testing and experimentation, besides providing partial financial support.
- (b) ANUSAT carries a Store and Forward communication payload for conducting message transfer experiments and weighs around 45 Kg. The total project cost is estimated to be Rs.545 lakhs with Rs.105 lakhs being contributed by the Anna University, and the balance provided by ISRO. ISRO has provided Rs.300 lakhs to the Anna University so far.
- (c) The development of ANUSAT is a step in ISRO's pursuit to strengthen the University linkages that could generate human resources for the space programme and build capacity in the Universities to undertake advanced research and development activities in high technology areas. The micro-satellite development will be a good opportunity for students and the faculty to get an insight into various aspects of space technology. It will also enable them to conduct meaningful application studies and gain experience in satellite mission operations