

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:1442
ANSWERED ON:04.03.2015
SPACE EDUCATION
Rajoria Dr. Manoj

Will the Minister of SPACE be pleased to state:

- (a) whether the Government proposes to promote the knowledge of space education among the youths in the country; and
(b) 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) Yes Madam.

b) The Department of Space has taken multi-pronged approach to disseminate or to provide formal education on important subjects coming under Space Technology, Space Science and Space Applications to the youths in the country as under:

i. Department of Space (DOS) has established an academic institution viz., Indian Institute of Space Science and Technology (IIST) at Thiruvananthapuram with a prime objective of providing highly specialised academic programmes in the niche areas of Space. The Institute is offering Undergraduate programmes, Post graduate Programmes and Doctoral programmes to the youth of the Country.

ii. DOS has established an academic and training institute viz., Indian Institute of Remote Sensing (IIRS) at Dehradun. The institute offers Post graduate diploma and Masters courses in Remote Sensing, Geo-informatics, Environment and Atmospheric sciences, Urban planning, etc.

iii. The Department has developed curriculum in the areas of Remote Sensing & GIS for PG programme and assisted various academic institutions to establish the required laboratory infrastructure and administer the academic programme.

iv. The Department has also provided technical and scientific support to students and faculty members of various academic institutions to design, develop and realise small satellites by the respective institution. The Department has also extended the support of free launch services to place the students' satellites in orbit.

v. The Department has also tied up with various academic institutions to undertake research and related activities in the field of Planetary Science and Exploration.

vi. To promote Space Science education amongst the youth, the Department has identified few academic institutions to support and strengthen the research in space sciences in the universities through guidance and funding.

vii. The Department has also encouraged academic institutions to participate in the scientific satellite missions by providing flight worthy payloads duly developed by the academia.

viii. The Department has also instituted Research Fellowships Scheme in academia to promote space science research work at national laboratories.

ix. The Department has involved many academic and autonomous research institutions to work in the areas of climate and weather of the Sun-Earth system through funding and definition of research themes.

x. As a collaborative approach with academic institutions and research institutions, the Department has been running the Joint Astronomy Programme, where in the selected student will pursue research in Astronomy and Astrophysics leading to award of Ph.D degree.