

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:2908
ANSWERED ON:30.07.2014
COOPERATION IN SPACE PROGRAMMES
Udasi Shri Shivkumar Chanabasappa

Will the Minister of SPACE be pleased to state:

- (a) whether cooperation from various countries is sought in our space programmes;
- (b) if so, the names of such countries and the areas of cooperation;
- (c) whether such cooperation also includes training to Indian astronauts; and
- (d) the steps taken/proposed to be taken by the Government to utilize this cooperation to the optimum level?

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) India is pursuing cooperation with other countries on peaceful uses of outer space. Currently, cooperative arrangements are signed with 33 countries, viz., Argentina, Australia, Brazil, Brunei Darussalam, Bulgaria, Canada, Chile, Egypt, France, Germany, Hungary, Indonesia, Israel, Italy, Japan, Kazakhstan, Mauritius, Mongolia, Myanmar, Norway, Peru, Republic of Korea, Russia, Saudi Arabia, Spain, Sweden, Syria, Thailand, The Netherlands, Ukraine, United Kingdom, United States of America and Venezuela.

The areas of cooperation are (i) Remote Sensing of Earth, (ii) Satellite Communication, (iii) Launch Services, (iv) Telemetry & Tracking Support, (v) Space Exploration, (vi) Space Law and (vii) Capacity Building.

(c) No Madam.

(d) To utilize this cooperation to the optimum level, Indian Space Research Organisation (ISRO) is pursuing cooperation in advanced areas of space science and technology, including deep space navigation and communication support for space exploration missions, joint realization of earth observation satellites with advanced scientific instruments, capacity building and Disaster Management Support.