GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

LOK SABHA

UNSTARRED QUESTION NO. 640

TO BE ANSWERED ON WEDNESDAY, SEPTEMBER 16, 2020

SPACE TECHNOLOGY

640.   SHRI P.P. CHAUDHARY:

Will the PRIME MINISTER be pleased to state:

(a)   whether the Government is planning to leverage India's outstanding space technology capabilities for expanding its diplomatic initiatives of assisting other countries in the world; commercially non-commercially; and

(b)   if so, the details thereof and the efforts made during the last three years, country-wise, year-wise and if not, the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE

(DR. JITENDRA SINGH):

(a)   Yes, Sir.

(b)   During the last three-year period India has shared space expertise through signing of cooperative documents, training on nano satellite building and training on space technology applications. The details are given below:

Non- Commercial Activities:-

Cooperative documents signed with	Training on nano satellite building	Training on space technology applications
Year: 2017 (September – December)		
USA, Japan, Afghanistan.	NIL	Bangladesh, Bhutan, Egypt, Ethiopia, Fiji, Indonesia, Kazakhstan, Kenya, Kyrgyzstan, Lao PDR, Malaysia, Malawi, Mauritius, Mongolia, Myanmar, Namibia, Nepal, Nigeria, Philippines, Sierra Leonean, Singapore, South Sudan, Sri Lanka, Tajikistan, Tanzania, Uganda, Uzbekistan, Vietnam, Zimbabwe.
Year: 2018		
Algeria, Brazil, Brunei Darussalam, Europe (EC), France, Indonesia, Israel, Japan, Morocco, Oman, Russia, Sao Tome and Principe, Singapore, South Africa, Tajikistan, Uzbekistan, Vietnam.	NIL	Bangladesh, Bhutan, Botswana, Egypt, Ethiopia, Kazakhstan, Kenya, Kyrgyzstan, Lao PDR, Lesotho, Malaysia, Maldives, Mauritius, Mongolia, Mozambique, Myanmar, Namibia, Nepal, Niger, Nigeria, Philippines, Peru, Singapore, , Sri Lanka, Syria, Tajikistan, Tanzania, Thailand, Tunisia, Uzbekistan, Venezuela, Vietnam.
Year: 2019		
Bahrain, Bhutan, Bolivia, Europe (ESA	Algeria, Argentina, Azerbaijan,	Algeria, Bangladesh, Bhutan, Botswana,

and EUMETSAT), Finland, France, Germany, Japan, Mongolia, Netherlands, South Korea, Tunisia, United States.	Bahrain, Bangladesh, Belarus, Bhutan, Bolivia, Brazil, Brunei Darussalam, Chile, Colombia, Egypt, Indonesia, Kazakhstan, Kenya, Malaysia, Mauritius, Mexico, Mongolia, Morocco, Myanmar, Nepal, Nigeria, Oman, Panama, Peru, Portugal, Republic of Korea, Sri Lanka, Thailand, Tunisia, Vietnam.	Cote D'ivoire, Cuba, Democratic Republic of Congo, Egypt, Ethiopia, Ghana, Honduras, Indonesia, Jamaica, Laos, Kazakhstan, Kenya, Kyrgyzstan, Malawi, Maldives, Mauritius, Mongolia, Myanmar, Nepal, Niger, Nigeria, Oman, Philippines, Sri Lanka, Tajikistan, Tanzania, Thailand, Uganda, Uzbekistan, Vietnam, Zimbabwe.
Year: 2020 (till now)		
France, Israel, Japan, Nigeria, United States.	NIL	Angola, Zambia, Zimbabwe, Ethiopia, Indonesia, Kyrgyzstan, Madagascar, Mauritius, Niger, Peru, Sierra Leone, Sri Lanka, Syria, Tanzania, Trinidad & Tobago, Democratic Republic of Congo.

Commercial Activities:-

International Customer Satellites launched on-board PSLV during 2017-19		
Year	No. of International Customer Satellites launched	Countries to which satellite belongs

International Customer Satellites launched on-board PSLV during 2017-19		
2017	130	Austria; Belgium; Chile; Czech Republic; Finland; France; Germany; Israel; Italy; Japan; Kazakhstan; Latvia; Lithuania; The Netherlands; Slovakia; UAE; UK; USA.
2018	60	Australia; Canada; Columbia; Finland; France; Malaysia; The Netherlands; Republic of Korea; Spain; UK; USA.
2019	50	Israel; Italy; Japan; Lithuania; Spain; Switzerland; USA.

In addition, ISRO shared more than 150 Indian Remote Sensing satellite data sets to support more than 50 international disaster events in 18 Countries through various mechanisms including International Charter "Space and Major Disasters". India is also member of COSPAS-SARSAT (Satellite Aided Search and Rescue Programme) which provides operational services to the users in India and seven neighboring countries (Nepal, Bhutan, Bangladesh, Sri Lanka, Maldives, Seychelles and Tanzania) for the last 23 years. The programme has supported rescue of 83 lives in 19 incidents during 2018 and 2019.

*****