GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

LOK SABHA

UNSTARRED QUESTION NO. 2822

TO BE ANSWERED ON WEDNESDAY, DECEMBER 20, 2023

PROMOTING SPACE EDUCATION AND RESEARCH

2822. SHRI DIPSINH SHANKARSINH RATHOD:

SHRI MOHANBHAI KALYANJI KUNDARIYA:

Will the PRIME MINISTER be pleased to state:

(a) whether the Government is taking steps to promote space education and research within the country, fostering a skilled workforce and ensuring a sustainable future for India's space programme;

(b) if so, the details thereof and if not, the reasons therefor; and

(c) the ways in which ISRO has contributed to global efforts in addressing environmental challenges, climate change and sustainable development through satellite-based observations and data sharing?

ANSWER

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

(DR. JITENDRA SINGH):

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(a) & (b)

Yes, Sir. Several steps are being taken by the Government in this regard, including:

- **Sponsored Research programme (RESPOND) for promoting Space research in academia.**
- **Establishment of Space Technology Cells (STCs), Regional Academic Centres for Space (RAC-S), Space Technology Incubation Centres (STICs) at various technical institutes across the country.**
- ***Yuva Vijyani Karyakram*** **Young Scientists Programme (YUVIKA): For young high school students involving two weeks training, hands on skills, interaction with eminent scientists and facility visit.**
- **Space Tutor Programme: Enabling NGOs & Institutions in promoting Space Education & outreach across the country.**
- ***Antariskh Jigyasa Portal:*** **for educating students online in space Science and Technology.**
- **Outreach through Space Exhibitions/ Conferences/ Museums and Space on Wheels, with Six such units covering areas across country.**
- **Indian Space Science & Technology (IIST) and Indian Institute of Remote Sensing (IIRS), which offer short and long term courses.**

(c) ISRO is contributing in global efforts towards addressing environmental challenges, climate change and sustainable development, through:

- **Jointly building earth observation satellites with other space agencies and/or accommodating payloads of other countries in its own satellites;**
- **Realizing the EO satellite for other nations;**
- **Satellite data exchange and data sharing;**
- **Satellite derived services for other nations; and**
- **Capacity building for realization of satellites and satellite-based earth observations applications.**

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