

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

RAJYA SABHA

UNSTARRED QUESTION NO. 1411
TO BE ANSWERED ON THURSDAY, JULY 31, 2025

YUVIKA 2025 PROGRAMME

1411. SMT. RAMILABEN BECHARBHAI BARA:

SMT. SANGEETA YADAV:

DR. KAVITA PATIDAR:

Will the PRIME MINISTER be pleased to state:

- (a) the objectives and intended outcomes of the Yuvika 2025 (Young Scientist Programme) organised by ISRO;
- (b) the main components of the Yuvika 2025 training module, including academic experimental and field exposure elements provided to students; and
- (c) whether the Yuvika 2025 programme witnessed nationwide participation and the manner in which students were selected for the same?

ANSWER

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

(DR. JITENDRA SINGH):

- (a) The main objective of YUVIKA programme is to impart basic knowledge on Space Technology, Space Science and Space Applications to the younger students with a preference to rural areas. The programme is aimed at creating awareness about the emerging trends in science and technology amongst the youngsters, who are the future

building blocks of our nation. ISRO has chalked out this programme to "Catch them young".

The intended outcome from the programme is to encourage more students to pursue Science, Technology, Engineering and Mathematics (STEM) based research /career.

(b) Following are the details of main components of YUVIKA 2025 training modules provided to students.

- i. Academic – Students are introduced to fundamental concepts of space science and technology through specially curated course materials. These materials cover detailed aspects of space sciences and related technologies. Lectures are delivered by senior scientists from ISRO.
- ii. Experimental Activities – To provide hands-on experience, students are provided with various kits, including CANSAT kits, Do-It-Yourself (DIY) rocket and satellite kits, DIY drones, and robotic kits.
- iii. Field exposure – Students visited ISRO facilities, as well as nearby start-up companies and industries, to gain real-world exposure to cutting-edge space and technology infrastructure.

(c) Yes, Sir. YUVIKA programme has witnessed participation of students from all the states and union territories of the country. Meritorious students were selected from each State/Union Territory based on their academic records and extra-curricular activities.
