

PARLIAMENT QUESTION: DEVELOPMENT OF SPACE TECHNOLOGY

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The details of scheme/initiatives undertaken by the Government to boost production and manufacturing of space technology in India are as under;

- i. Introduction of a liberalized Foreign Direct Investment (FDI) policy for the space sector.
- ii. Implementation of a discounted pricing policy to enable Non-Government Entities (NGEs) to access ISRO facilities.
- iii. Establishment of a ₹1,000 crore Venture Capital (VC) Fund to support space start-ups.
- iv. Launch of the ₹500 crore Technology Adoption Fund (TAF) to accelerate the development, demonstration, and commercialization of indigenous space technologies.
- v. Facilitation of access to ISRO infrastructure, technical expertise, and mentorship to support private sector growth.
- vi. Launch of skill development initiatives to address the evolving workforce requirements of the space sector.
- vii. Establishment of a Technical Centre to provide affordable testing, validation, and simulation facilities for space systems.
- viii. Enabling transfer of ISRO-developed technologies to industry for commercialization.
- ix. Providing opportunities to validate space technologies through the PSLV Orbital Experimental Module (POEM) platform.
- x. Launch of the "Satellite Bus as a Service (SBaaS)" initiative to develop indigenous satellite platform capabilities and accelerate satellite development.
- xi. Encouraging state government to establish the manufacturing clusters as well as common testing facilities to boost manufacturing.

IN-SPACE Schemes / Initiatives are PAN India schemes. Consequently, the State-wise and Gender-wise details are not maintained.

As the private space sector in India is currently in a nascent, developmental phase, government interventions are primarily focused on creating baseline infrastructure, facilitating technology transfer, developing technologies, and promoting investments.

IN-SPACE creates awareness and promotes its various schemes, policies, and initiatives through multiple outreach platforms, including industry interaction meetings, Space technology Adoption and Awareness Workshops (SAAW), task-specific webinars, stakeholder consultations, conferences, exhibitions, and periodic publications. These initiatives facilitate engagement with Non-Government Entities (NGEs), academia, startups, MSMEs, and other stakeholders, while disseminating information on policy reforms, funding opportunities, regulatory frameworks, and capacity-building programmes.

This information was given by the Minister of State (Ind. Charge) Science & Technology; Earth Sciences and Minister of State PMO; Personnel, Public Grievances and Pensions; Atomic Energy, Space Dr. Jitendra Singh in a written reply in Rajya Sabha today.

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