

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

LOK SABHA

UNSTARRED QUESTION NO. 4049

TO BE ANSWERED ON WEDNESDAY, AUGUST 12, 2026

SPACE STARTUPS

4049. SHRI LAVU SRI KRISHNA DEVARAYULU:

Will the PRIME MINISTER be pleased to state:

- (a) the number of space startups recognised and supported by the Government in the country since the opening of the space sector specially in Andhra Pradesh, State and UT-wise;**
- (b) the details of financial, technical and incubation support provided to space startups through Indian National Space Promotion and Authorisation Centre (IN-SPACE), New Space India Limited (NSIL) and other Government initiatives during the last three years;**
- (c) whether the Government has undertaken any measures to promote participation of startups in satellite manufacturing, launch services, downstream applications and space-based technologies and if so, the details thereof;**
- (d) whether the Government proposes to establish or support additional space incubation centres, testing facilities or innovation hubs in Andhra Pradesh to strengthen the State's space technology ecosystem; and**
- (e) the steps being taken to facilitate technology transfer, private investment and global market access for Indian space startups?**

ANSWER

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

(DR. JITENDRA SINGH):

- (a) As per the DPIIT Start-up India Portal, around 440 space technology startups are registered in India. IN-SPACe has granted 113 authorisations to 52 Non-Government Entities (NGEs) to carry out various space activities, out of which 18 are start-ups, the details of which is enclosed at Annexure-I.**
- (b) The details of financial, technical and incubation support provided to space startups through Indian National Space Promotion and Authorisation Centre (IN-SPACe) are enclosed at Annexure-II.**

Further, NSIL, in coordination with IN-SPACe, has been transferring various technologies developed at ISRO/ Department of Space. As on date, NSIL has signed 118 Technology Transfer Agreements for transferring 83 technologies developed at ISRO/ Department of Space to Indian Industry.

This includes critical space technologies like Small Satellite Launch Vehicle (SSLV) technology, Indian Mini Satellite-1 (IMS-1) Bus, ISRO Laser Gyro (ILG), Tri-band (S, X, Ka) Antenna Feed, Ceramic Servo Accelerometer (CSA), X band Mini-SAR and Low Temperature Co-Fired Ceramic (LTCC) Multi Chip Module technology.

NSIL has transferred many technologies to Indian start-ups in the space sector and have been providing hand holding for them to successfully assimilate the technology and to use it for

commercial basis. In addition to that NSIL also facilitates various Indian industries / Govt. PSU for utilization of ISRO technical facilities for validation of the technology / product being developed by them.

(c) The Government has undertaken several proactive measures following the liberalization of the space sector, in order to promote participation of startups in satellite manufacturing, launch services, downstream applications and space-based technologies

- (i) Announced the Indian Space Policy 2023, where the roles and responsibilities of all the contributors of Indian Space Eco systems defined.**
- (ii) Brought out the decadal vision and strategy for the Growth of the Indian Space sector and Economy**
- (iii) Introduction of a liberalized Foreign Direct Investment (FDI) policy for the space sector.**
- (iv) Implementation of a discounted pricing policy to enable Non-Government Entities (NGEs) to access ISRO facilities.**
- (v) Establishment of a ₹1,000 crore Venture Capital (VC) Fund to support space start-ups.**
- (vi) Launch of the ₹500 crore Technology Adoption Fund (TAF) to accelerate the development, demonstration, and commercialization of indigenous space technologies.**
- (vii) Facilitation of access to ISRO infrastructure, technical expertise, and mentorship to support private sector growth.**
- (viii) Launch of skill development initiatives to address the evolving workforce requirements of the space sector.**

- (ix) Establishment of a Technical Centre to provide affordable testing, validation, and simulation facilities for space systems.**
 - (x) Enabling transfer of ISRO-developed technologies to industry for commercialization.**
 - (xi) Providing opportunities to validate space technologies through the PSLV Orbital Experimental Module (POEM) platform.**
 - (xii) Launch of the "Satellite Bus as a Service (SBaaS)" initiative to develop indigenous satellite platform capabilities and accelerate satellite development.**
 - (xiii) Encouraging state government to establish the manufacturing clusters as well as common testing facilities to boost manufacturing.**
- (d) As on today there is no proposal or plan to establish or support additional space incubation centres, testing facilities or innovation hubs in Andhra Pradesh.**
- (e) The Government has undertaken several measures following the liberalisation of the space sector. These measures encompass policy and regulatory reforms, infrastructure access, technology transfer, funding support, and capacity building through skill development to foster a vibrant private space ecosystem**

1) Transfer of technology

IN-SPACE is facilitating the transfer of available ISRO technologies to industry while also identifying and consolidating the technology requirements of industry for future technology development and transfer. Till date 118

Technology Transfer Agreements have been executed through NSIL.

To facilitate technology transfer, NSIL is promoting greater participation of private enterprises through transparent technology transfer processes and industry-friendly policies. It is promoting private sector participation through industry partnerships, capacity building, and opportunities across satellite manufacturing, integration, testing, and downstream services.

Further, IN-SPACe is taking forward the planned transfer of Polar Satellite Launch Vehicle (PSLV) and Launch Vehicle Mark-3 (LVM3) technologies to enable greater private sector participation in launch vehicle manufacturing and operations

2) Investment in the space sector

The Government has also introduced various investment support schemes for space startups, including the IN-SPACe Seed Fund Scheme, the Technology Adoption Fund (TAF), and the ₹1,000 crore Venture Capital Fund. As a result of these policy interventions and the growing participation of the private sector, cumulative investments in Indian space startups have reached approximately USD 618.5 million as on 31 March 2026, with the investment landscape progressively shifting from early-stage seed funding towards larger growth-stage investment rounds

3) International Collaboration and Global Market Access

IN-SPACE actively engages with foreign governments, space agencies, industry, and other stakeholders to promote and facilitate international collaborations for the Indian commercial space sector, including startups. The key initiatives undertaken by IN-SPACE include:

- (i) Strengthening bilateral and multilateral partnerships with leading space-faring nations.**
- (ii) Facilitating the participation of Indian space industries in international exhibitions, business forums, delegation visits, B2B engagements, and industry roundtables to enhance global market access.**
- (iii) Representing the Indian commercial space sector in Government-to-Government (G2G) dialogues and fostering partnerships with emerging space economies to promote exports, technology collaborations, and integration into global space supply chains.**

These initiatives have enabled collaboration opportunities for the Indian private space sector with stakeholders across more than 30 countries

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 4049 TO BE ANSWERED ON 12.08.2026

Sl. No.	List of Start-Ups
1	Agnikul Cosmos Pvt Ltd, Chennai
2	Akshath Aerospace Private Limited, Bengaluru
3	Azista BST, Hyderabad
4	Bellatrix Aerospace Pvt Ltd, Bangalore
5	Cosmoserv Space India Private Limited, Bangalore
6	Dhruva Space Private Limited, Hyderabad
7	Digantara Research and Technologies Pvt. Ltd., Bangalore
8	GalaxEye Space Solutions Private Limited, Bangalore
9	HEX20Labs India Pvt Ltd., Thiruvananthapuram
10	Inorbit Space Telecommunications Private Limited, New Delhi
11	Manastu Space Technologies Private Limited, Navi Mumbai
12	NSpace Tech India Private Limited, Tenali
13	OrbitAID Aerospace Private Limited, Chennai
14	PierSight Space Private Limited, Ahmedabad
15	PixxelSpace India Private Limited, Bengaluru
16	Skyroot Aerospace Ltd, Hyderabad
17	Space Kidz India, Chennai
18	TakeMe2Space Technologies Pvt. Ltd, K.V. Ranga Reddy

Annexure-II

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 4049 TO BE ANSWERED ON 12.08.2026

- i. Details of financial support provided as on 31.07.2026 during the last three years

(Rs in Lakhs)

Sl. No.	Name of Scheme	Project/ Scheme Envelope	Financial Year			Cumulative
			FY 2024-25	FY 2025-26	FY 2026-27	
1	IN-SPACE Seed Fund Scheme/PIE	6500	88.3	225	20	333.30
2	Venture Capital Funds	100000	SEBI Approval: 31-10-2025	605.64	18287.40	18893.04
3	Technology adoption Fund	50000	03 NGE selected for development of Technology	NIL	NIL	NIL
4	Satellite Bus as a Service (SBaaS)	7500	03 NGE selected for development	NIL	750	750
5	Common Technical facilities	50000	Agreement signed with Govt. of Gujarat and Tamilnadu	NIL	NIL	NIL
Total		214000	88.30	830.64	19057.40	19976.34

- ii). The details of Technical facilitation provided to start-ups by IN SPACE including launch slots and testing access, year-wise are as under

Sr. No.	Year	Details of Start-ups	Facilitation provided
1	2022	Agnikul Cosmos, Skyroot Aerospace, Pixxel	Flex seal & acoustic testing, S/X-band antenna RF testing, sub-orbital launch access (Vikram-S), launch vehicle TM reception.
2	2023	Dhruva Space, PixxelSpace, Skyroot Aerospace, Agnikul Cosmos, Spacekidz, Azista BST	Agniban SoRTeD launch access, RAMAN-I & II engine testing, Azaadisat-2 environmental testing, static stage testing, ground station support.
3	2024	Skyroot Aerospace, PixxelSpace, Manastu Space, Piersight Space, N Space Tech India Pvt. Ltd.	Stage-1 casting & propellant supply, hardware-in-loop simulations, POEM payload EMI/EMC and shock testing.
4	2025	Agnikul Cosmos, Dhruva Space, Piersight, Galaxeye, Satleo Labs, Skyroot Aerospace	Cryogenic pump PDR review, X/UHF-band downlink support, TVAC/outgassing tests, trajectory validation, cooling umbilical supply.
5	2026	TakeMe2Space, Bellatrix Aerospace, Skyroot Aerospace, OrbitAid Aerospace, Dhruva Space Pvt. Ltd,	First Launch Pad (FLP) utilization for Vikram-1, docking mechanism lab testing, SRS shock testing, silicide coating for micro-thrusters.

iii) The details of the start-ups/individuals to whom support extended under various schemes of IN-SPACE are

Sl. No.	Name of Starts-up	Domain	Location
1	ARMS4AI	Agriculture	Delhi
2	mistEO	Agriculture	Kerala
3	Augtual (Fabric)	Disaster	Karnataka
4	Hyspace	Urban	Karnataka
5	Xovian	Disaster	Karnataka
6	Seagull	Urban	Gujarat
7	Suhora	Marine	Utter Pradesh
8	Cloudone AI Robotics	Full Mission Virtualization for Smart Computing and Control	Kerala
9	Dream Aero		Tamilnadu
10	Aule Space		Karnataka
11	ULEO Space		Gujarat
12	N Space Tech India Pvt. Ltd.	Urban	Telangana
13	SAR SPACE Pvt. Ltd.	Disaster and Marine	Gujarat
14	H Square Engineers Pvt. Ltd.	Disaster	Karnataka
15	Thazhal Geospatial Analytics Pvt. Ltd	Urban	Tamilnadu
16	Kawa Space	Marine	Karnataka
17	ClimaCrew	Marine	Maharashtra
18	Sanyark Space	Full Mission Virtualization for Smart Computing and Control	Telangana
19	GalaxEye Space		Karnataka
20	TakeMeToSpace		Telangana
21	Digantara		Karnataka
22	Space Unlock		Gujarat
23	Orbital-grid		Telangana

iv. Details of the start-ups/individuals to whom support Preincubation Entrepreneurship Program (PIE)

Grantee	Location
Manish Naagar	Uttarakhand
Ameya Marakarkandy	Maharashtra
Kannan Pandi	Tamil Nadu
Rosni Agi Information Pvt Ltd	Haryana
Matterak Technologies	Karnataka
Venkatesh S	Tamil Nadu
Prathamesh Ramade	Maharashtra
Ujjawal Singh	Uttar pradesh
Dreamaerospace Technologies Pvt.	Karnataka
Autosky Aerospace Pvt Ltd	Tamil nadu
