

Government of Gujarat

Department of Science and Technology

GR No.: DST/RES/e-file/24/2025/0390/Electronics

Sachivalaya, Gandhinagar

Read:

1. Gujarat Electronics Policy (2022-28), dated: 28.10.2022
2. Gujarat IT/ITeS Policy (2022-27), dated: 07.02.2022
3. Modification and Addendum to the Gujarat IT/ITeS Policy (2022-27) dated 11.10.2024

Preamble:

The global space economy is projected to surpass \$1 trillion by 2040, and India is well-positioned to contribute significantly, growing from \$8.4 billion to \$44 billion over the next decade. In this context, Gujarat is poised to take the lead, leveraging its strong legacy in space technology and its role as home to key institutions like ISRO's Space Applications Centre (SAC).

Recognizing the transformative power of space technology in advancing human knowledge and improving quality of life, the Government of Gujarat is committed to establish the state as a hub for the SpaceTech industry. It aims to foster an ecosystem that supports research, development, and commercialization of emerging technologies in the space sector, while also contributing to national security and global space initiatives.

Resolution:

After detailed deliberations, the Government has resolved to support the advancement of Gujarat's SpaceTech industry, with special incentives to support the design, development, manufacturing, and deployment of space technologies—focusing on fostering innovation and nurturing a skilled workforce. This resolution reflects a commitment to leverage the state's historical strengths and strategic position to:

- Amplify its contribution to the global space economy
- Encourage private sector participation
- Establish Gujarat as a hub for space technology excellence

These efforts will prioritize the development of a conducive ecosystem for the SpaceTech sector, aiming to

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attract investments and establish robust partnerships that will propel Gujarat to the forefront of space exploration and innovation.

1. SpaceTech Manufacturing

1.1. Definition

SpaceTech manufacturing refers to the manufacturing of satellites, other payloads, spacecraft, launch vehicles, space station components, and related hardware such as propulsion systems, communication systems, and measurement/control/analytical instruments meant for use/deployment in Space.

A list of identified SpaceTech manufacturing products/equipment is provided in Annexure-I.

1.2. Incentives

1.2.1 Eligibility under Electronics Policy (2022-28)

Units engaged in the manufacturing of products/equipment as indicated in Annexure-I will be eligible for the same incentives as those provided under the Gujarat Electronics Policy (2022–2028). This strategic alignment aims to bolster the production of essential space-related products and reinforce the state's role in the international space arena.

1.2.2. Assistance towards Launch Cost

Satellites manufactured by eligible SpaceTech Manufacturing Units situated in Gujarat and subsequently launched shall be eligible for 25 percent of Launch cost fees (including Launch Risk Guarantee) borne by the SpaceTech Manufacturing Unit to the launch services provider. The maximum assistance per launch per eligible unit shall be INR 5 Crore

1.2.3. Patent Application

Eligible SpaceTech Manufacturing Units within Gujarat, deemed eligible under the provisions of this notification, shall be supported with a 30% reimbursement of the actual statutory cost incurred by the unit towards filing Indian IPRs, with a ceiling of INR 50 lakh per unit. The incentive shall be disbursed only for patents that are successfully filed and granted within five years of the Commercial Operation Date, as defined in the relevant policy.

2. Ground Segment, Space Application and Design

2.1. Definition

The Ground Segment refers to all terrestrial equipment and components involved in the control and operation of satellites, spacecraft, space stations, or space equipment. This includes the facilities, equipment, and infrastructure necessary for communicating with, controlling, and receiving data from space. The Ground Segment typically consists of ground stations with antennas and tracking systems, mission control centres.



data processing and distribution centres, and support services for satellite operations.

Space Applications and Design will include the design of applications and services derived from data acquired through space and satellites. The scope of space applications will include, but is not limited to, global navigation systems, satellite-based surveillance systems, Earth observation, weather forecasting, etc.

2.2. Eligibility under IT/ITeS Policy (2022-27)

Units engaged in the Ground Segment or Space Applications and Design, as defined in Para 2.1 above, shall be eligible for the same incentives as provided under the Gujarat IT/ITeS Policy (2022-27). This alignment aims to support the services offered by this segment within the SpaceTech sector.

3. SpaceTech Startups

SpaceTech startups in India play a pivotal role in driving innovation, reducing costs, and boosting the country's economic growth within the rapidly expanding space industry. They foster technological advancements in satellite and launch systems, enhance national security, and facilitate global collaborations. Furthermore, their ability to leverage satellite data to address societal challenges highlights their significant economic and social impact.

3.1 Eligibility under Gujarat IT/ITeS Policy (2022-27)

The Government is committed to supporting startups under the provisions of the *Incentives for ICT & Deep Tech Startups* section of the Gujarat IT/ITeS Policy (2022-27). The primary goal is to foster R&D, innovation, and entrepreneurship. SpaceTech startups engaged in manufacturing space technology equipment/products, or design and development of space applications, or in the Ground Segment shall be eligible for incentives as provided under the ICT & Deep Tech Startups section of the Gujarat IT/ITeS Policy (2022-27).

4. General Provision

Common Facility Center assistance

All eligible SpaceTech units shall be entitled to a 25% subsidy on pay-per-use charges for accessing state-of-the-art common technical facilities, as indicated in Annexures II and III, developed by the Government of Gujarat in collaboration with IN-SPACe. This subsidy shall be available for a period of five years from the unit's Commercial Operation Date.

5. Centre of Excellence

The Government of Gujarat may set up a state-of-the-art, industry-oriented 'Centre of Excellence' in collaboration with IN-SPACe or any other agencies under the Department of Space (Government of India) to enable industries to access innovative technology solutions for the effective, efficient, and economical production of SpaceTech services.



This Centre of Excellence in Space Technology will offer industry-focused training and skill development programs to foster human resource development and innovation in this strategic sector.

6. Driving Sectoral Growth Through Infrastructure Development

6.1. Space Manufacturing Park

The Government aims to strengthen the Space ecosystem in Gujarat by developing robust infrastructure for SpaceTech manufacturing in the state. Over the next five years, the Government, through any of its agencies, will establish a Space Manufacturing Park with infrastructure facilities as outlined in Annexures II and III.

To this end, the Government will collaborate with IN-SPACe or other agencies under the Department of Space (Government of India) to identify high-growth sub-sectors and facilitate the development of essential infrastructure, including common testing facilities, industrial land, plug-and-play industrial sheds, roads and utilities, and logistics connectivity.

6.2. Development of Launch Pads

The Government aims to facilitate the establishment of a launchpad at a suitable location within the state, serving as a platform for future space launch activities, including communication and Earth observation satellites, space tourism, and more.

7. Implementation

The Office of the Mission Director, GSEM, shall be the nodal agency for implementing all provisions related to incentives for the SpaceTech sector. GSEM shall be responsible for the disbursement of all assistance and incentives as per the provisions of the respective policies referred to in this resolution.

8. State Level Empowered Committee

The Office of the Mission Director, GSEM, shall receive all proposals from project proponents in the SpaceTech sector. These proposals will be scrutinized by a Technical Advisory Committee (TAC), constituted under the chairpersonship of the Mission Director, GSEM, as detailed in Para 9 of this resolution.

The State Government authorizes the State Level Empowered Committee (SLEC), as constituted in Para 4.3 of the Gujarat Electronics Policy (2022-28), to evaluate proposals and grant approvals for incentives to project applicants in the SpaceTech sector based on the recommendations submitted by the TAC.

9. Technical Advisory Committee (TAC)

A Technical Advisory Committee, comprising of the members listed below, shall scrutinize each proposal from a technical perspective and submit a recommendation with a technical report to the SLEC. This will be done after analyzing the technical feasibility, pertinence of the proposal, and the contemporary relevance and credibility of the technologies proposed by the applicants.

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The TAC shall comprise the following members:

| Sr. No. | Designation | Role |
|---------|---|------------------|
| 1 | Mission Director, Gujarat State Electronics Mission (GSEM) | Chairperson |
| 2 | Deputy Director, GSEM | Member |
| 3 | Representative, ISRO-SAC | Member |
| 4 | Representative, IN-SPACE | Member |
| 5 | Assistant Director, GSEM | Member Secretary |
| 6 | Industry Representative or Industry Association Representative | Member |
| 7 | Academia Representative | Member |
| 8 | Venture Capitalist related to Space (for startup evaluation related agenda) | Invitee Member |
| 9 | Any invited member, whenever required | Invitee Member |

10. Interpretation

The Department of Science and Technology, Government of Gujarat, is authorized to interpret any provision and provide clarifications or decisions regarding any provision under this resolution, in alignment with its objectives, and it shall be final and binding on all concerned.

11. Power to amend

Notwithstanding anything stated in the foregoing paragraphs, the Government reserves the right to review and amend any aspect of these guidelines from time to time.

12. Budgetary provision

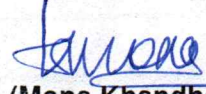
The expenditure under this account shall be incurred from the grants allocated under the following budget head:

| | |
|-------------------------|---|
| Demand No.: | 90 |
| Major Head: | 2852 Industries |
| Sub Major: Head: | 07 Telecommunication and Electronics Industries |
| Minor Head: | 202 Electronics |
| Sub Head: | 03 Incentive for Space Sector |

The above Government Resolution is issued with the concurrence of Finance Department on File No. GSEM/OTR/e-file/241/2024/0030/Policy Advocacy and Investor Facilitation.



By order and in the name of Governor of Gujarat.


(Mona Khandhar)

Principal Secretary
Government of Gujarat,
Department of Science & Technology.

Enclosure: Annexure-I,II,III

To,

1. Principal Secretary to Hon'ble Governor, Raj Bhavan, Gandhinagar
2. Additional Chief Secretary to Hon'ble Chief Minister.
3. Secretary to Hon'ble Chief Minister.
4. Personal Secretary to Hon'ble Ministers, Government of Gujarat.
5. Additional Secretary to Chief Secretary, Government of Gujarat.
6. Principal Secretary, Department of Science and Technology
7. All Administrative Departments
8. All Officers, Department of Science and Technology
9. VC and MD, GIDC, Udyog Bhavan
10. Industries Commissioner, Government of Gujarat (with a request to circulate to DICs)
11. Directorate of ICT & e-Governance, Gandhinagar
12. Mission Director, Gujarat State Electronics Mission
13. Account General (A&E) Gujarat, Post Box No. 2201, Rajkot.
14. Account General (A&E) Gujarat, Ahmedabad Branch, Ahmedabad.
15. Account General (Audit-1) Gujarat, MS Building, Ahmedabad
16. Director, Account & Treasuries, Gujarat State, Gandhinagar
17. Pay & Account Offices, Ahmedabad/Gandhinagar
18. Resident Audit Officer, Ahmedabad/Gandhinagar.
19. Section officer, Coordination branch, Department of Science and Technology (with a request to circulate to all Institutions / Organizations / Societies under DST)

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20. Select Order File.

Annexure-I

List of Products and Equipment used in Space Tech sector

| No. | Item |
|-----|--|
| 1 | End-to-End spacecraft (GEO/LEO/MEO)/space system design and realisation |
| 2 | Communication Satellite System: SSPAs/TWTAs, optical amplifiers, etc. |
| 3 | Earth Observation System: imagers, cameras, mirrors, telescopes, etc. |
| 4 | Space based Navigation System: Atomic clocks, reference oscillators, etc. |
| 5 | Quantum Communication: Space based Quantum relays and repeater technology |
| 6 | Satellites for IoT |
| 7 | Space Exploration: Service Modules for manned missions, scientific payloads, etc. |
| 8 | Electronic packaging for space applications – PCBA, ASIC, FPGA, etc. |
| 9 | Spacecraft propulsion systems – Electric & Chemical (including green propulsion systems) |
| 10 | Satellite/Launch Vehicle Propulsion System: Chemical, semi-cryo, cryo, Solid propellant |
| 11 | Satellite tracking / ranging ground stations |
| 12 | Ground antenna and Radar |
| 13 | Optical communication ground segment |
| 14 | Ground system for quantum communications |
| 15 | Ground Receivers/gateways |
| 16 | Ground terminals for SATCOM |
| 17 | System for navigation, communication and Earth observation applications |
| 18 | User terminals for space-based Communication & Navigation applications |
| 19 | Ground systems for Space Situation Awareness |
| 20 | Space data processing, archival and dissemination centre |
| 21 | Instruments, Sensors for space tech sector |
| 22 | Super capacitors for space sector |
| 23 | Cameras for space sector |



| | |
|----|--|
| 24 | Space Robotics |
| 25 | LIDAR systems for space sector |
| 26 | Laser systems for space sector |
| 27 | Fuel cell for space sector |
| 28 | Spacecraft Launch vehicle Avionics System |
| 29 | Any product/equipment recommended by TAC and approved by the State-Level Empowered Committee (SLEC) under the Gujarat Electronics Policy (2022-28) |

Annexure-II

An Indicative list of eligible activities under– Common Infrastructure Facilities

| Type of Services | Eligible Activities |
|------------------|--|
| Infrastructure | <ul style="list-style-type: none"> ● Internal Roads ● Storm Water Drains ● Electric Sub-Station & Distribution Network ● Utility Duct ● Street Lighting ● Fire Fighting and Safety services ● Waste Disposal / Recycling ● Residential / Housing Facilities ● The list may expanded by the nodal agency as per the recommendations of Technical Advisory Committee from time to time. |

Annexure-III

An indicative list of eligible activities under– Common Technical Facilities

| Type of Services | Eligible Activities |
|------------------|---------------------|
|------------------|---------------------|



| | |
|---------------------|--|
| Integrated Facility | <ul style="list-style-type: none">● Prototype Testing● Thermo-Vacuum Facility● Vibration Facility● EMI/EMC Facility● Data Center Lab● Warehousing● Rocket testing● Any other facility as per the advice of the Technical Advisory Committee |
|---------------------|--|

