GOVERNMENT OF TAMIL NADU

Tamil Nadu Deep Tech Startup Policy 2025-26

TAMIL NADU DEEP TECH STARTUP POLICY 2025-26

Information Technology and Digital Services Department

GOVERNMENT OF TAMIL NADU

Thiru. M.K.Stalin

Honourable Chief Minister of Tamil Nadu

"In an age where AI, quantum, and advanced technologies will script the next chapter of human possibility, Tamil Nadu chooses to lead with purpose. This Deep Tech Startup Policy lays the foundation for a future where innovation empowers every citizen and elevates our collective destiny."

Dr. Palanivel Thiaga Rajan

Hon'ble Minister for Information Technology & Digital Services
Government of Tamil Nadu

Tamil Nadu leads India's technological and industrial transformation by aligning policy with purpose and innovation with impact. Through the Tamil Nadu Deep Tech Startup Policy, we affirm our belief that the next phase of economic growth will be driven by breakthrough technologies rooted in deep science, advanced engineering, and cutting-edge research.

Guided by the visionary leadership of the Hon'ble Chief Minister Thiru. M.K. Stalin and aligned with the $1 trillion Tamil Nadu economy goal, we adopt a holistic, lifecycle-based approach to support Deep Tech innovation—from early-stage research and proof-of-concept to commercialisation, scale-up, and global market leadership.

The Policy sets clear priorities to build a globally competitive deep tech ecosystem through targeted initiatives that position Tamil Nadu as a preferred destination for Deep Tech Entrepreneurship.

It enables innovation across the entire value chain spanning R&D, funding & acceleration, talent & future ready workforce creation, infrastructure & ecosystem development, forging knowledge alliances, tech adoption & market expansion, enabled by world-class research parks, test beds, and a unified innovation platform.

Through this policy, we invite innovators, researchers, investors, and institutions to partner with us in building a future where technology drives sustainable economic growth, industrial competitiveness and shared prosperity.

ABSTRACT

Information Technology and Digital Services Department – Announcement made by Hon'ble Minister (Information Technology and Digital Services) in the Tamil Nadu Legislative Assembly during the Budget Session 2024-25 – Tamil Nadu Deep Tech Startup Policy 2025-26 – Approved – Orders – Issued.

INFORMATION TECHNOLOGY AND DIGITAL SERVICES (D1) DEPARTMENT

G.O.(Ms.) No.01 **Dated : 07.01.2026**
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திருவள்ளுவர் ஆண்டு – 2056

Read:

From the Chief Executive Officer, Tamil Nadu Technology (iTNT) Foundation, Letter No.01-20/75/2578864/2024-iTNT, dated 29.09.2025.

ORDER:

The Hon'ble Minister (Information Technology and Digital Services), has made the following Announcement in the Tamil Nadu Legislative Assembly during the Budget Session 2024-25:

Formulation of Tamil Nadu Deep Tech Policy

Deep Tech & Emerging Tech, encompassing research-based break-throughs in areas like AI, creative tech, material sciences, nanotechnology, quantum computing, etc. are the basis for leapfrogging innovations. Aimed at developing advanced technological solutions to important problems, innovation-driven start-ups in these areas have high potential for impact and value creation, extraordinary job creation, revolutionizing economic growth and sustainability. In order to drive utilization of advanced research-based deep tech inventions and to support deep tech start-ups, the Government will release a "Tamil Nadu Deep Tech Policy" this year.

2. Based on the above Announcement, the Tamil Nadu Technology (iTNT) Foundation was entrusted with the task of formulating the Tamil Nadu Deep Tech Policy as the iTNT Foundation, established in Chennai by Government of Tamil Nadu and funded by Government of India and Industry support, act as an Agency – connecting the ecosystem of Startups and key Stakeholders in the Deep Tech and Emerging Tech space. The Policy has been modified to suit Deep Tech Startups as Tamil Nadu Deep Tech Startup Policy (TNDTSP).

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3. The draft Tamil Nadu Deep Tech Startup Policy (TNDTSP) has been prepared by iTNT Foundation and sent to Government, after getting inputs from series of consultations with various stakeholder Departments.

4. The draft policy was examined by the Government in a greater detail, so as to ensure that all the policy components are implementable and the focus sectors are aligned with the current priorities of the State of Tamil Nadu, including social sector. It is also ensured that the proposed incentives of the policy are mapped to the existing incentives provided in the Policies of the Government of Tamil Nadu as available and appropriate.

5. The Government, after careful examination of the draft policy submitted by iTNT Foundation, hereby issue the **"Tamil Nadu Deep Tech Startup Policy 2025-26" (TNDTSP)** with the following salient features:

Salient features of the Policy:

- Unlike conventional startups, deep tech ventures focus on solving complex societal and business challenges through the convergence of advanced technologies. These startups often rely on breakthrough scientific research, leading to innovations that disrupt existing paradigms and create new business models. They typically emphasise the creation and protection of intellectual property (IP), which provides a competitive edge and strengthens long-term business viability.
- While deep tech ventures face high technological risks and longer development cycles, they have the potential to unlock multi-billion-dollar markets in sectors such as healthcare, energy and electronics. Their innovations not only impact primary industries but also create ripple effects, generating opportunities across supporting sectors. The journey of these startups, from lab-scale breakthroughs to market-ready solutions, catalyses economic growth by generating high-tech jobs and fostering value creation.
- Tamil Nadu has emerged as a key player in India's deep tech ecosystem, driven by proactive State policies and funding mechanisms tailored to high-growth industries. The State benefits from established industrial corridors alongside innovation hubs in Tier-2 and Tier-3 cities. The State is also home to some world-class research institutions that further strengthen the region's R&D capabilities, creating a fertile environment for deep tech development and commercialization.
- The Tamil Nadu Artificial Intelligence Mission and other strategic initiatives further enhance the State's capacity for innovation.
- Tamil Nadu's large and diverse MSME base also plays a pivotal role in the economy.
- The Tamil Nadu Deep Tech Startup Policy 2025-26 (TNDTSP) aims to bridge the gap between cutting-edge research and practical application by providing structured support across the innovation lifecycle — from early-stage R&D grants and incubation to State-funded innovation hubs and flexible funding mechanisms.

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- By leveraging Tamil Nadu's inherent strengths and aligning with strategic initiatives across priority areas such as Artificial Intelligence, Blockchain, Advanced Research and Development, Semiconductor and Electronics Manufacturing, Space Technology and Digital Media including AVGC, the policy positions the State as a Premier Global Deep Tech Hub.

Vision:

To position Tamil Nadu as India's premier deep tech hub – fuelling innovation, industrial growth and MSME empowerment – while establishing a cutting-edge deep tech and emerging tech ecosystem that accelerates the State's journey towards $1 trillion economy.

Objectives:

- Strengthen the deep tech research ecosystem by expanding R&D infrastructure, fostering industry–academia collaboration and accelerating lab-to-market transitions.
- Enhance intellectual property (IP) generation, protection, and technology transfer to speed up commercialisation of deep tech innovations.
- Facilitate access to diverse, patient capital through dedicated funding programmes, co-investment models and venture networks tailored for deep tech startups.
- Harmonise regulatory processes to accelerate deep tech innovation and ensure swift adoption of new technologies.
- Develop a highly skilled deep tech workforce through specialised training programmes and alignment of academic curricula with industry needs.
- Drive adoption of indigenous deep tech products by promoting public and private procurement and enabling access to global markets for Tamil Nadu's startups.
- Align State initiatives with national missions and target high-impact sectors to build a globally competitive deep tech hub in Tamil Nadu.
- Provide lifecycle support for deep tech startups, with early-stage risk mitigation, incubation support and sustained mentorship as ventures scale to maturity.

Goals:

- To establish Tamil Nadu as a premier deep tech hub by developing a network of Deep Tech Innovation Hubs and Centres of Excellence (CoEs) in emerging and frontier technology domains.
- To include and support 100 deep tech startups.
- To mobilise Rs.100 Crore of public and private investments, including venture capital, co-investments, and patient funding.
- To achieve 10 technology transfer or licensing deals from academic and R&D institutions for commercialisation by industry or startups and facilitate 25% growth in annual patent filings by deep tech startups.

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- To train over 10,000 students and professionals in deep tech skills (AI, ML, robotics, biotech, etc.) through specialised skilling programmes and award 10 research fellowships.
- To facilitate procurement of deep tech solutions worth Rs.10 Crore through public and private sector market access programmes, including innovation-friendly procurement schemes.
- To promote global market access for 50 deep tech startups through export facilitation, trade missions and international partnerships.
- To establish sector-specific test beds for continuous validation and demonstration of deep tech solutions in live operational environments, supporting at least 25 startups annually.
- To establish "Government as Early Adopter Programme" across 5 Departments, supporting the pilot deployment, field validation, and scale-up of deep tech solutions, with an annual departmental budget of Rs.5 Crore, targeting 5 PoCs or solution adoptions per year.

Policy Priorities and Interventions:

- Research & Development Support
  a. Deep Tech R&D Grants (TRL ≤ 4)
  b. IP creation & Commercialisation Assistance
  c. Strengthening IP Retention within Tamil Nadu's Deep Tech Ecosystem
- Funding & Investment Acceleration
  a. TRL-Based Commercialisation Support (TRL 5-7)
  b. TRL-Based Scale-Up Funding (TRL ≥ 7)
  c. Performance-Linked Micro-Fund Support for Incubators
  d. Facilitating Corporate Participation and Investment in Deep Tech
  e. CSR-Based Co-Funding for Deep Tech Initiatives
  f. Deep Tech Fund of Funds
- Infrastructure & Ecosystem Development
  a. Deep Tech Research and Cluster-specific Parks
  b. Government-Supported Test Beds and Pilot Deployment Framework for Startups
  c. Unified Digital Platform for Infrastructure and Resource Sharing
- Innovation Workforce & Knowledge Alliances
  a. Deep Tech Talent Development & Early Research Engagement
  b. Doctoral Fellowships & Research Alliances
  c. Mentorship and Exchange Programmes
- Deep Tech Adoption & Market Expansion
  a. International Networking & Events
  b. Grand Challenges
  c. Market Access Initiatives

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Policy Incentives:

This Policy offers a set of incentives designed to support innovation, research, and commercialisation of deep tech start-ups. These incentives provides financial support, access to infrastructure and foster strategic partnerships, aimed at helping start-ups grow from R&D to market-ready solutions.

Sectoral Focus and Technology Priorities in Deep Tech:

- The policy identifies priority sectors and technology domains based on Tamil Nadu's current strengths and future growth potential. These have been classified by development horizons to guide phased interventions and ecosystem support.
- Sectors are typically classified as short, medium, or long-term based on State and National Priorities, policy focus areas, and their potential for economic, social and industrial impact within the State's development vision.
- This classification reflects varying levels of ecosystem readiness, market adoption, and research maturity, helping the State prioritise efforts based on economic and industrial impact potential.

Sectors:

- Automobile
- Auto-components & EV
- Electronics & Semiconductors
- Biotechnology & Healthcare
- Clean Energy & Sustainability
- Aerospace & Defence (including Space Tech)
- Enterprise Applications

Further, to strengthen Tamil Nadu's capabilities in advanced computing, the Government will also, extend –

- Support for establishing Centre of Excellence in AI,
- To launch the Tamil Nadu Quantum Computing Initiatives (TN-QCI).

Additionally, cross-sector focus on key technologies will be pursued. This will integrate across multiple sectors, fostering innovation and collaboration.

By focusing on the above priorities, Tamil Nadu aims to create clusters of excellence where talent, infrastructure and investment converge, driving breakthroughs that enhance the State's competitive edge both nationally and globally.

Policy period:

The Tamil Nadu Deep Tech Startup Policy 2025-26 shall remain in effect for a period of five (5) years from the date of its notification, unless otherwise amended or superseded by the Government of Tamil Nadu.

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Governance and Implementation Framework:

Government of Tamil Nadu will establish a comprehensive governance and implementation framework for the Tamil Nadu Deep Tech Startup Policy 2025-26, as outlined below:

- **Nodal Agency – iTNT Hub**: The iTNT Hub will serve as the **Nodal Implementing Agency** for the TNDTSP. It will house a dedicated team to coordinate all initiatives, manage funds and act as a single point of contact for stakeholders. iTNT Hub will ensure synergy among different programmes, maintain the Unified Digital Platform for Infrastructure and Resource Sharing and liaise with other Government Departments as needed. It will also be responsible for the day-to-day administration of processing applications, disbursing incentives, etc. under the policy.

- **Tamil Nadu Deep Tech Advisory Group**: A high-level Deep Tech Advisory Group will be formed to provide strategic guidance and oversight. This group will include representatives from key government departments, industry leaders, eminent academicians and scientists, successful startup founders or VCs, and NRIs who hold leadership roles in R&D or innovation at major global companies, particularly Fortune 500 firms. These individuals will provide valuable insights from the global tech and innovation landscape, contributing to the policy's strategic direction. The group will periodically review the policy's performance against defined KPIs, recommend course corrections or new initiatives, and ensure that the policy adapts to technological and market changes. The group will meet every two months, or with greater frequency, based on the number of applications, to review progress and provide guidance.

- **Unified Digital Platform**: As part of implementation, a Unified Digital Platform for Infrastructure and Resource Sharing will be used to streamline all interactions with the policy.

- **Monitoring, Evaluation and Adaptive Governance**: The policy will follow a model of continuous improvement. Independent reviews and stakeholder consultations will be conducted at defined intervals to assess the impact of the policy's programmes. Key Performance Indicators (KPIs) will be measured, including qualitative feedback from startups on the support received. Based on evaluations, Information Technology and Digital Services Department will propose updates to the policy, such as reallocating budgets, refining eligibility criteria, introducing new incentives, or phasing out outdated measures on an annual basis. A mid-term review will ensure the policy stays on track to meet its objectives. This adaptive governance approach will ensure that TNDTSP remains effective in a fast-evolving tech landscape.

6. The detailed Booklet on "**Tamil Nadu Deep Tech Startup Policy 2025-26**" is Annexed to this Order.

7. The Chief Executive Officer, Tamil Nadu Technology (iTNT) Foundation is responsible for the overall administration of the Policy, who shall monitor the implementation and report the status to Government, periodically.

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8. The Tamil Nadu Deep Tech Startup Policy 2025-26 comes into force from the date of issue of this order.

9. This order issues with the concurrence of Finance Department vide its e-Office File No.4-D1/49/2025-IT&DS, dated 15.12.2025.

(BY ORDER OF THE GOVERNOR)

BRAJENDRA NAVNIT
PRINCIPAL SECRETARY TO GOVERNMENT

To

All Departments of Secretariat, Chennai - 600 009.

The Chief Executive Officer, Tamil Nadu Technology (iTNT) Foundation,
3rd Floor, Sir C V Raman Science Block, Anna University Campus, Kotturpuram,
Chennai – 600 025.

The Managing Director, Electronics Corporation of Tamil Nadu Limited,
9th Floor, Sigapi Aachi Building, No.18/3, Rukmani Lakshmipathi Road,
Egmore, Chennai - 600 008.

The Director of e-Governance and Chief Executive Officer,
Tamil Nadu e-Governance Agency,
No.807, 2nd and 7th Floor, P.T.LEE Chengalvaraya Naicker Building,
Anna Salai, Chennai – 600 002.

The Director, Tamil Virtual Academy,
Anna University Campus, Gandhi Mandapam Road, Kottur, Chennai – 600 025.

The Managing Director,
Tamil Nadu Arasu Cable TV Corporation Limited,
No.807, 4th Floor, P.T.LEE Chengalvaraya Naicker Building,
Anna Salai, Chennai – 600 002.

The Managing Director,
Tamil Nadu FibreNet Corporation Limited,
No.807, 5th Floor, P.T.LEE Chengalvaraya Naicker Building,
Anna Salai, Chennai – 600 002.

The Chief Executive Officer,
ICT Academy of Tamil Nadu,
Module No. E6-03, 6th Floor, Block-E, IIT Madras Research Park,
Kanagam Road, Taramani, Chennai- 600 113.

The Managing Director and Chief Executive Officer,
Tamil Nadu Industrial Guidance and Export Promotion Bureau,
11th Floor, Prestige Polygon Towers, No.471, Anna Salai, Rathna Nagar,
Teynampet, Chennai – 600 035.

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The Managing Director,
State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT),
19-A, Rukmani Lakshmipathi Road, Egmore, Chennai – 600 008.

The Managing Director,
Tamil Nadu Startup and Innovation Mission (TANSIM),
10th Floor, Chennai Metro Rail Limited Building, Nandanam, Chennai – 600 035.

The Chairman and Managing Director,
Tamil Nadu Generation and Distribution Corporation (TANGEDCO),
6th Floor, Eastern Wing, NPKRR Maaligai,
144, Anna Salai, Chennai - 600 002.

The State Informatics Officer, National Informatics Centre,
E-Wing, First Floor, Rajaji Bhavan, Besant Nagar, Chennai – 600 090.

Copy to:

The Finance (Industries) Department, Secretariat, Chennai – 600 009.
The Principal Private Secretary to Chief Secretary to Government,
Secretariat, Chennai – 600 009.
The Private Secretary to Additional Chief Secretary to Government,
Finance Department, Secretariat, Chennai – 600 009.
The Private Secretary to Principal Secretary to Government,
Information Technology and Digital Services Department,
Secretariat, Chennai – 600 009.
Office of the Hon'ble Chief Minister, Secretariat, Chennai – 600 009.
Office of the Hon'ble Minister for Information Technology and
Digital Services, Secretariat, Chennai – 600 009.
Office of the Hon'ble Minister for Finance and
Environment & Climate Change, Secretariat, Chennai – 600 009.
Office of the Hon'ble Minister for Industries,
Secretariat, Chennai – 600 009.
Office of the Hon'ble Minister for Micro, Small and Medium Enterprises,
Secretariat, Chennai – 600 009.
The Content Creator (CMS) / Moderator (CMS) / Nodal Officer (CMS),
Information Technology and Digital Services Department,
Secretariat, Chennai – 600 009.
Sf/Sc.

7.1.2026

SECTION OFFICER

07/01/2026.

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1. Preamble

1.1. Background

Deep tech innovation is a key driver of economic growth, productivity, and high-value job creation. Studies show that investments in breakthrough technologies can generate multiplier effects of up to 1.5–2 times[1] the initial outlay, contributing to GDP growth by fostering new industries. Governments globally are prioritising deep tech as a strategic long-term development driver.

Unlike conventional startups, deep tech ventures focus on solving complex societal and business challenges through the convergence of advanced technologies. These startups often rely on breakthrough scientific research, leading to innovations that disrupt existing paradigms and create new business models. They typically emphasise the creation and protection of intellectual property (IP), which provides a competitive edge and strengthens long-term business viability. While deep tech ventures face high technological risks and longer development cycles, they have the potential to unlock multi-billion-dollar markets in sectors such as healthcare, energy, and electronics. Their innovations not only impact primary industries but also create ripple effects, generating opportunities across supporting sectors. The journey of these startups, from lab-scale breakthroughs to market-ready solutions, catalyses economic growth by generating high-tech jobs and fostering value creation.

[1] OECD. (2024). Miracle or Myth? Assessing the macroeconomic productivity gains from Artificial Intelligence. OECD Artificial Intelligence Papers, No. 29, 1–5. https://www.oecd.org/content/dam/oecd/en/publications/reports/2024/11/miracle-or-myth-assessing-the-macroeconomic-productivity-gains-from-artificial-intelligence_fde2a597/b524a072-en.pdf

1.2. Current State Scenario

India has developed a strong policy and funding ecosystem to support deep tech startups across sectors such as artificial intelligence, biotechnology, space technology, semiconductors, and defence innovation. The draft National Deep Tech Startup Policy outlines strategic components such as long-term funding, a robust IPR framework, and tax incentives to support deep tech innovation. It emphasises the creation of a conducive regulatory environment, talent development, and fostering industry-academia collaboration. The policy is centred around 9 thematic priority areas, including research and development, infrastructure sharing, and promoting the sustainability of deep tech startups. National initiatives[2] like the Startup India Fund of Fund Scheme, Biotechnology Ignition Grant (BIG) by BIRAC, Technology Development Fund (TDF) by DRDO, and Technology Development Board (TDB) Funding provide critical financial support for early-stage research, commercialisation, and scaling of cutting-edge technologies. The IndiaAI Innovation Centre and IndiaAI Compute Capacity initiatives aim to strengthen India's AI infrastructure, while policies like the Design Linked Incentive (DLI) Scheme and Compound Semiconductor & ATMP Scheme promote semiconductor manufacturing. High quantum seed funds such as NIDHI PRAYAS and iDEX have proven crucial for prototype development and scaling – particularly relevant for deep tech ventures beyond TRL 5. Additionally, regulatory mechanisms such as the RBI's Regulatory Sandbox and DGCA's Certification Scheme for Unmanned Aircraft Systems help deep tech startups navigate compliance challenges.

India's push for deep tech extends to space technology through IN-SPACe's Technology Adoption Fund (TAF) and the IN-SPACe Seed Fund Scheme, which promote commercialisation in the private space sector. TIDE 2.0 supports early-stage ICT and electronics startups with financial assistance and mentorship. Further, Digital inclusion initiatives like Digital India BHASHINI and Digital India GENESIS are expanding AI adoption and boosting startups in Tier II and III cities, ensuring that regional language interfaces and access to tools for innovation are provided across the country. Through a combination of public-private partnerships, national missions, and sector-specific incentives, India is positioning itself as a global hub for deep tech innovation. Additionally, national-level missions like the National Supercomputing Mission, the National Education Policy, and the SERB-SUPRA grant programme, all of which offer research and infrastructural support to early and mid-stage deep tech startups.

Several NGOs, foundations, and private sector players are actively contributing to the growth of India's deep tech ecosystem through funding, incubation, and mentorship. A detailed list of these entities, which include additional contributors not explicitly mentioned here, is provided in Annexure 1. Social Alpha, in collaboration with ISRO, has launched the SpaceTech Innovation Network (SpIN) to support space-tech startups, while the Wadhwani Foundation invest in AI-driven solutions and industrial automation. Corporate players like Reliance JioGenNext, Tata Elxsi, and Google for Startups Accelerator India are fostering deep tech innovation through structured incubation and investment programmes. Additionally, Intel India, in partnership with the Science and Engineering Research Board (SERB-DST), has introduced the Fund for Industrial Research Engagement (FIRE) to drive AI and semiconductor research. Private venture funds such as Speciale Invest, Kalaari Capital and Blume Ventures are also investing in high-potential deep tech startups, particularly in AI, space technology, and semiconductors. The SIDBI & NSRCEL Deep Tech Accelerator Fund provides pre-seed capital for emerging deep tech businesses, further strengthening early-stage support. These initiatives, alongside government policies, create a comprehensive funding landscape that enables deep tech startups to scale and commercialise innovative innovations.

[2] A detailed list of various National level initiatives, which include additional contributors not explicitly mentioned here, is provided in Annexure 1

Tamil Nadu has emerged as a key player in India's deep tech ecosystem, driven by proactive state policies and funding mechanisms tailored to high-growth industries. The State benefits from established industrial corridors alongside innovation hubs in tier-2 and tier-3. The state is also home to some world-class research institutions that further strengthen the region's R&D capabilities, creating a fertile environment for deep tech development and commercialization. The Tamil Nadu Artificial Intelligence Mission and other strategic initiatives further enhance the state's capacity for innovation. Tamil Nadu's large and diverse MSME base (nearly 25 lakh enterprises and 2nd in the country in Udyam registrations)[3] also plays a pivotal role in the economy – these enterprises drive grassroots innovation and offer significant opportunities for the integration of deep tech solutions.

Within Tamil Nadu, several complementary state-level schemes, policies and initiatives[4] are catalysing the growth of the deep tech startup ecosystem:

- The **Tamil Nadu Emerging Sector Seed Fund (TNESSF)** provides crucial capital to startups in cutting-edge fields like AI, aerospace, and semiconductors. The **Research and Technology Fund** supports R&D and the adoption of emerging technologies, enabling Tamil Nadu-based startups to innovate and scale. The **SPIC – Research Innovation Grant** funds research projects in agritech, sustainability, and industrial innovation, further strengthening the state's innovation pipeline and engaging startups through innovation grants to pilot new technologies.

- Emerging Technology initiatives such as the **Tamil Nadu Artificial Intelligence Mission (TNAIM)** focus on AI R&D, responsible AI adoption, and startup incubation. The **TIDCO Emerging Sectors Policy & Guidance Cell** fosters advanced manufacturing, aerospace, and semiconductor innovation by providing infrastructure support and policy incentives.

- **Tamil Nadu Startup and Innovation Policy (2023)** provides a strategic roadmap for developing a robust innovation ecosystem, with funding and incubation support through **StartupTN.**

- **R&D Policy of Tamil Nadu (2022)** – envisages convergence of academic research and industrial application, with specific provisions to support commercialisation of deep technologies.

- **Tamil Nadu Technology Hub (iTNT Hub)** is a state-of-the-art innovation hub supported by the Tamil Nadu government and private sector, designed to drive high-end research, incubation, and acceleration programmes for deep tech startups.

- In Tamil Nadu, several aerospace and defence clusters—particularly in **Hosur, Coimbatore, and Chennai**—are aligned with such sectoral thrust areas, and the state is actively working toward strengthening its **Space Industrial Corridor**, in sync with national missions.

- The detailed list is mentioned in the **Annexure 1.**

[3] Anbarasan, T. M. (2024). Micro, Small and Medium Enterprises Department Policy Note 2024-2025. https://cms.tn.gov.in/cms_migrated/document/docfiles/msme_e_pn_2024_25.pdf

[4] A detailed list of various TN state level schemes, policies and initiatives, which include additional contributors not explicitly mentioned here, is provided in Annexure 1

In summary, the alignment of central government schemes with Tamil Nadu's state-specific policies and initiatives provides a strong foundation for the emergence and scale-up of deep tech startups. With the right enablers, Tamil Nadu is well-positioned to establish itself as a leading deep tech hub in India. By offering targeted support mechanisms and building on existing state priorities in R&D, MSME development, industrial growth, and e-governance, the state is poised to accelerate its progress toward becoming a $1 trillion economy by 2030. Leveraging deep tech as a key driver, this policy seeks to advance that achievement by at least two years, reinforcing Tamil Nadu's leadership as an innovation-driven economy.

1.3. Global Approaches to Deep Tech Ecosystem Development

Major economies across the world have developed targeted deep tech strategies to strengthen national competitiveness, drive innovation, and promote sustainable economic growth. These strategies typically combine large-scale public investment, industry-academia collaboration, and private sector participation. Countries such as the United States, Israel, Japan, and Singapore have prioritised deep tech areas like artificial intelligence, quantum computing, semiconductors, robotics, and defence technologies. Through mission-driven programmes and legislation (e.g., CHIPS Act, National AI Strategy, Moonshot R&D Programme), these nations are investing heavily in infrastructure, R&D capabilities, and commercialisation pathways.

Many of these economies have also adopted supportive mechanisms to attract venture capital, global talent, and international collaboration. Programmes like Israel's Unit 8200-driven innovation pipeline, Singapore's Research, Innovation, and Enterprise (RIE) initiatives, and Canada's AI Superclusters show how governments are aligning policies with sectoral priorities. Additionally, public-private co-investment models (e.g., UK Catapult Centres, Australia's pension fund involvement) and incentives such as tax benefits, AI-focused education, and startup residence programmes have been introduced to boost ecosystem maturity. These global benchmarks reflect the importance of combining strategic national direction with flexible, innovation-enabling instruments to advance deep tech leadership.

Sub-National Approaches

In addition to national-level deep tech initiatives, many countries have implemented region-specific strategies to expand their innovation ecosystems. These place-based approaches complement central efforts by leveraging local research institutions, industrial hubs, and infrastructure. They help attract investment, build specialised talent pools, and create environments suited for sector-specific innovation to strengthen their deep tech ecosystems by complementing national policies with place-based initiatives. These strategies are designed to leverage regional academic strengths, industrial clusters, and innovation infrastructure to attract investments, promote skill development, and enhance competitiveness. Key elements of these approaches are detailed in **Annexure 2.**

Successful regional innovation models share a few common features: support from strong academic institutions, targeted funding from local governments, partnerships with industry, and dedicated spaces for startups to work and collaborate. International best practices in regional deep tech development demonstrate the importance of coordinated investment, strong academic and research ecosystems, and targeted sectoral focus areas. Sub-national strategies are most effective when they are aligned with national missions while remaining grounded in local strengths. The approach promotes more inclusive growth, enables rapid commercialisation of research, and attracts global talent and capital.

In the context of this policy, Tamil Nadu intends to draw on these models to design a state-level deep tech framework that is both locally rooted and globally competitive by aligning its deep tech initiatives with its industrial corridors, universities, and startup hubs to create a network of regionally anchored innovation clusters.

1.4. Need for policy

This policy aims to bridge the gap between cutting-edge research and practical application by providing structured support across the innovation lifecycle—from early-stage R&D grants and incubation to state-funded innovation hubs and flexible funding mechanisms. This holistic approach accelerates the journey from laboratory to market, enhancing productivity, operational efficiency, and global competitiveness for Tamil Nadu's industries.

By leveraging Tamil Nadu's inherent strengths and aligning with strategic initiatives across priority areas such as Artificial Intelligence, Blockchain, Advanced Research and Development, Semiconductor and Electronics Manufacturing, Space Technology, and Digital Media including AVGC, the policy positions the state as a premier global deep tech hub. It focuses on advancing key domains such as Artificial Intelligence, Semiconductors, Advanced Materials, Quantum Technologies, Biotechnology, and other emerging technologies of national and global significance.

Through collaborative efforts involving startups, academic institutions, industry leaders, and government agencies, Tamil Nadu is poised to unlock significant economic multipliers, attract domestic and international investments, and achieve sustainable, high-impact growth. The policy promotes the convergence of existing state policies (listed in Annexure 4) and startup relevant schemes, building a streamlined and cohesive innovation ecosystem that reinforces Tamil Nadu's leadership in the global deep tech economy.

1.5. Definition and Scope of Deep Tech Startups

Deep Technology refers to innovations grounded in advanced scientific or engineering breakthroughs that disrupt existing paradigms. Deep tech startups are characterised by a few key attributes that distinguish them from conventional startups:

- **Breakthrough Innovation and Disruptiveness:** They originate from early-stage scientific R&D and novel technological pathways that have not yet been widely commercialised. Rather than incremental improvements, deep tech companies pursue transformative solutions – often involving complex engineering at the cutting-edge (for example, working at atomic or molecular scales, or pioneering entirely new technological domains). These innovations hold the potential to solve complex problems in fundamentally new ways.

- **Proprietary Intellectual Property:** Deep tech ventures typically generate and own strong **intellectual property (IP)** arising from their research. This emphasis on patents, designs, and trade secrets differentiates them by providing a competitive moat. The development of unique, protected technology is central to their business model and long-term value.

- **High Technological Risk and Longer Gestation:** Due to the nascent and complex nature of their technologies, deep tech startups face high R&D uncertainties and often require longer development cycles to achieve a minimum viable product or proof of concept. Many operate at early **Technology Readiness Levels (TRLs)** (commonly TRL 1–4, denoting lab research through proof-of-concept stages). Substantial time and capital are needed before commercial viability is attained, reflecting an extended "lab-to-market" journey.

- **Large Impact and Market creation:** Deep tech innovations address significant, unresolved challenges and have the potential to create new markets or radically transform existing ones. They target large-scale opportunities (in areas such as healthcare, energy, manufacturing, etc.) where a breakthrough can unlock enormous value. As these startups mature and their technologies become commercially proven, what was once "deep tech" may integrate into mainstream industry, ceding the frontier to the next generation of emerging technologies.

In line with the National Deep Tech Startup Policy (NDTSP), the Tamil Nadu Deep Tech Startup Policy adopts a contextual and evolving definition of deep tech, recognizing the varying depth and maturity of technologies across sectors and markets. To enable a holistic evaluation of deep tech ventures, the policy shall consider Technology Readiness Levels (TRL) and Business Readiness Levels (BRL), while also considering the depth of scientific and technological advancement in relation to the maturity of the ecosystem. This includes factors such as capital requirements, potential economic impact, and regulatory alignment, ensuring that startups are assessed not just on their technological progress but also on their readiness to scale within their specific market and ecosystem context. Recognising the dynamic nature of technology and market evolution, the policy mandates periodic review and refinement of the deep tech definition and associated assessment criteria to ensure continued relevance. In addition, a Deep Tech Impact Assessment Framework will be established to evaluate supported ventures based on their innovation potential and societal impact, rather than short-term commercial outcomes alone, thereby fostering sustained ecosystem growth and long-term competitiveness for Tamil Nadu.

The scope of the policy extends to all innovators, enterprises, and ecosystem enablers contributing to deep tech advancement in the state—spanning startups, academic and R&D institutions, industry research labs, incubators, accelerators, and other facilitators.

2. Tamil Nadu Deep Tech Startup Policy 2025-26

2.1. Vision

To position Tamil Nadu as India's premier deep tech hub—fuelling innovation, industrial growth, and MSME empowerment—while establishing a cutting-edge deep tech and emerging tech ecosystem that accelerates our journey toward a $1 trillion economy.

2.2. Objectives

This vision reflects the Government of Tamil Nadu's (GoTN) commitment to harnessing deep technological innovations to foster economic prosperity and societal advancement, positioning the state as a global destination for cutting-edge research and entrepreneurship in deep tech. Accordingly, this policy aims to achieve the following objectives:

i. Strengthen the deep tech research ecosystem by expanding R&D infrastructure, fostering industry–academia collaboration, and accelerating lab-to-market transitions.

ii. Enhance intellectual property (IP) generation, protection, and technology transfer to speed up commercialisation of deep tech innovations.

iii. Facilitate access to diverse, patient capital through dedicated funding programmes, co-investment models, and venture networks tailored for deep tech startups.

iv. Harmonise regulatory processes to accelerate deep tech innovation and ensure swift adoption of new technologies.

v. Develop a highly skilled deep tech workforce through specialised training programmes and alignment of academic curricula with industry needs.

vi. Drive adoption of indigenous deep tech products by promoting public and private procurement and enabling access to global markets for Tamil Nadu's startups.

vii. Align state initiatives with national missions and target high-impact sectors to build a globally competitive deep tech hub in Tamil Nadu.

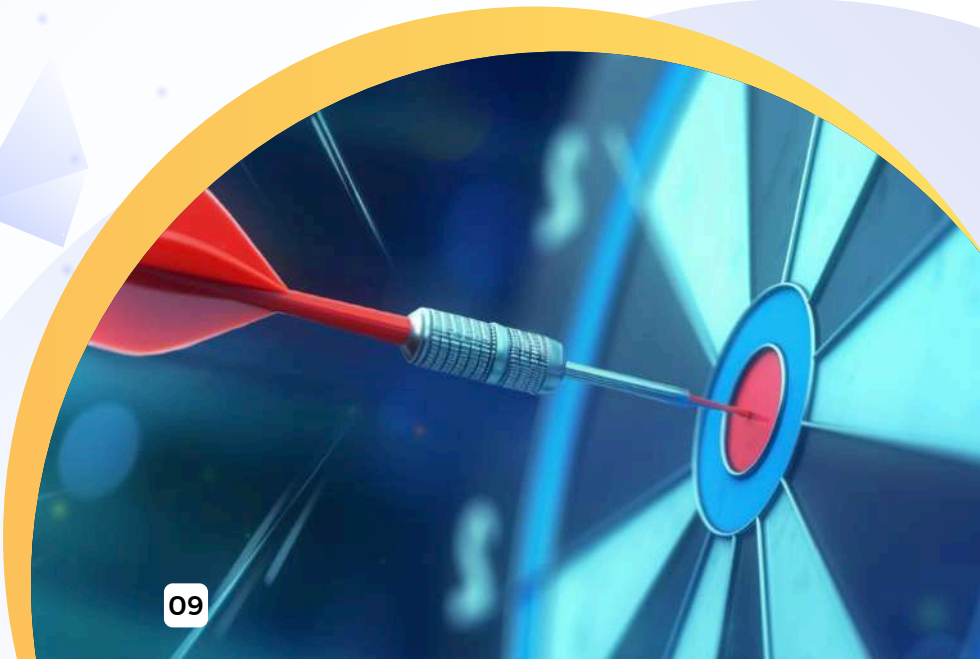
viii. Provide lifecycle support for deep tech startups, with early-stage risk mitigation, incubation support, and sustained mentorship as ventures scale to maturity.

These objectives serve as the guiding pillars for the policy interventions and programmes described in the following sections. They collectively aim to create a robust pipeline from research to market, ensuring that Tamil Nadu becomes a fertile ground for deep tech startups to thrive, scale, and deliver transformative impact.

2.3. Goals

The Tamil Nadu Deep Tech Startup Policy aims to deliver tangible outcomes over the next five years through ecosystem-wide interventions. These targets are designed to accelerate the growth of a globally competitive deep tech ecosystem by driving research, enabling market access, creating jobs, and attracting investments.

1. To establish Tamil Nadu as a premier deep tech hub by developing a network of Deep Tech Innovation Hubs and Centres of Excellence (CoEs) in emerging technology domains.
2. To include and support **100** deep tech startups.
3. To mobilise **INR 100 Cr** of public and private investments, including venture capital, co-investments, and patient funding.
4. To achieve **10** technology transfer or licensing deals from academic and R&D institutions for commercialisation by industry or startups, and facilitate **25%** growth in annual patent filings by deep tech startups.
5. To train over **10,000** students and professionals in deep tech skills (AI, ML, robotics, biotech, etc.) through specialised skilling programmes and award **10** research fellowships.
6. To facilitate procurement of deep tech solutions worth **INR 10 Cr** through public and private sector market access programmes, including innovation-friendly procurement schemes.
7. To promote global market access for **50** deep tech startups through export facilitation, trade missions and international partnerships.
8. To establish sector-specific test beds for continuous validation and demonstration of deep tech solutions in live operational environments, supporting at least **25** startups annually.
9. To establish a "Government as Early Adopter Programme" across **5** departments, supporting the pilot deployment, field validation, and scale-up of deep tech solutions, with an annual departmental budget of **INR 5 Cr**, targeting **5 PoCs** or solution adoptions per year.



3. Policy Eligibility & Selection Framework

The **TNDTSP** is instituted as an enabling framework by GoTN to support transformative, science-driven enterprises throughout their lifecycle – from groundbreaking research to market-ready expansion. The policy operates in harmony with existing Tamil Nadu state and national initiatives to provide a cohesive support system for deep tech entrepreneurship.

3.1. Eligible Participants

The policy is open to all organisations and participants of the ecosystem that demonstrate alignment with core deep tech characteristics. This includes:

- **Deep tech startups:** Early-stage or growth-stage ventures registered in Tamil Nadu that are built on novel scientific/technological discoveries, own or develop proprietary IP, and target large unmet market needs with high-growth potential.

- **Academic institutions:** Universities and technical institutes engaging in deep tech R&D, technology transfer, or commercialisation partnerships (for example, by spinning off startups or collaborating on product development).

- **Industry players:** Established companies, corporate R&D labs, GCC and industry consortia investing in or partnering with deep tech startups – including through co-innovation projects, corporate venture capital, or pilot deployment of new technologies.

- **Research consortia:** Leading academic institutions, national research labs and government agencies public research bodies that conduct fundamental and applied research in deep tech domains and contribute funding, expertise and commercialisation pathways.

- **Incubators:** Organisations that nurture innovation (incubation centres, accelerators, research parks) providing mentorship, facilities, or funding support to deep tech startups.

- **Others:** Any other entities (such as industry associations, funding agencies, or government bodies) that actively contribute to the deep tech startup ecosystem and adoption of deep tech solutions.

3.2. Eligibility for Availing Financial Support

To qualify for financial support under this policy, the applicant must demonstrate operational presence in Tamil Nadu, defined as follows:

- **Registered or Operational Presence:**

The company, startup, or entity must have either:

  - A registered office in Tamil Nadu, or
  - An operational presence such as a back-office, R&D facility, or any active business operations in Tamil Nadu.

- **Employment Generation in Tamil Nadu:** The entity must employ at least 25% of its total workforce (excluding contract employees) within Tamil Nadu. This includes full-time employees engaged in core business, technical, or R&D operations.

- **Eligibility for Out-of-State Participants:** Startups or institutions based outside Tamil Nadu may be considered eligible if they establish a substantial operational footprint in the state, such as setting up a registered office, R&D unit, or delivery centre, and employ at least 20% of their workforce or a minimum of 20 full-time employees (excluding contract staff) in Tamil Nadu.

Existing benefits (Annexure 1) under the Tamil Nadu state or national policies, including investment programmes, can be leveraged, with additional provisions under this policy serving as a top-up[5].

3.3. Policy Selection Framework

To qualify for financial support under this policy, the applicant must demonstrate operational presence in Tamil Nadu, defined as follows:

3.3.1. Selection Process for Deep Tech Startups

To ensure that policy benefits are effectively allocated to genuine deep tech ventures, the Tamil Nadu Deep Tech Startup Policy (TNDTSP) will implement a streamlined, multi-stage evaluation process:

1. **Stage A – Preliminary Self-Identification:** Prospective deep tech startups will submit a self-declaration via an online application detailing their technology, scientific foundation, market focus, and intellectual property (IP) status. This initial assessment helps applicants determine their alignment with TNDTSP's objectives.
2. **Stage B – Framework-Based Evaluation:** A technical screening panel will evaluate submissions based on core deep tech attributes and policy goals. The review will focus on the innovation's novelty, technical data, proof-of-concept results, and market analysis. Constructive feedback will be provided to applicants needing refinement to meet deep tech criteria.
3. **Stage C – Final Approval by Advisory Group:** Shortlisted applications from Stage B will undergo a final evaluation by the **Tamil Nadu Deep Tech Advisory Group.** This Advisory Group will consider both standard criteria and any exceptional cases with outstanding disruptive potential. Ventures that are approved in this stage will be officially designated as **"Deep Tech Startups – Approved under TNDTSP",** making them eligible for the full range of policy incentives and support programmes.

Through this funnel, the policy ensures a transparent and merit-based selection of beneficiaries, focusing resources on startups and initiatives that truly exemplify deep tech innovation. The evaluation framework remains adaptive to accommodate emerging technology domains and novel business models, while maintaining rigor in selecting high-potential candidates.

[5] This is not a mandatory criterion for eligibility, as the eligibility for benefits under other policies, including those complying with the standard DPIIT definition of a Startup, may differ from the criteria for this policy. However, entities that have already availed benefits under these policies may explore top-up options under this policy.

3.3.2. Selection Process for Other Participants

For academic institutions, industry players, research consortia, and incubators, the selection process will also follow a structured, three-stage evaluation process tailored to their specific roles:

1. **Stage A – Preliminary Self-Identification:** Prospective participants (academic institutions, industry players, research consortia, and incubators) shall submit a self-declaration or application outlining their role, expertise, and contribution to the deep tech ecosystem. This helps to ensure alignment with the TNDTSP's objectives and focus areas.
2. **Stage B – Framework-Based Evaluation:** A review panel shall assess the submitted applications based on specific criteria relevant to each participant category. For academic institutions, the evaluation shall focus on their research and commercialisation efforts. For industry players, the review shall centre on their contributions to co-innovation and deployment of new technologies. Research consortia shall be evaluated based on their research capacity and ability to provide funding, expertise, and commercialisation pathways, while incubators shall be assessed on their ability to provide mentorship, facilities, and funding support to deep tech startups. The selection process shall also follow the criteria established by the **Startup India** initiative for incubators.
3. **Stage C – Final Approval by Advisory Group:** The Tamil Nadu Deep Tech Advisory Group shall make the final decision on approval for all participants. Those approved shall be designated as "Approved Participants under TNDTSP" and shall be eligible for the full range of policy incentives and support programmes.

3.4. Process Timelines

To ensure efficiency and transparency, the evaluation and approval process for deep tech startups shall be completed within 45-60[6] days of receiving the application, provided all necessary documentation is submitted. This timeline covers all stages, from preliminary assessment to final approval.

[6] Timeline in line with Startup India Seed Fund Scheme

4. Policy Framework

VISION

To position Tamil Nadu as India's premier deep tech hub-fueling innovation, industrial growth, and MSME empowerment-while establishing a cutting-edge deep tech and emerging tech ecosystem that accelerates our journey toward a $1 trillion economy.

Research & Development Support

- Deep Tech R&D Grants
- IP creation & Commercialization Assistance
- Strengthening IP Retention within Tamil Nadu's Deep Tech Ecosystem
- Hardware Product Design Support

Funding & Investment Acceleration

- Commercialization Grants
- Scale-Up Funding
- Performance-Linked Micro-Fund Support for Incubators
- Corporate Investment Facilitation
- CSR-Based Co-Funding for Deep Tech Initiatives
- Deep Tech Fund of Funds

Infrastructure & Ecosystem Development

- Deep Tech Research and Cluster-specific Parks
- Government-Supported Test Beds and Pilot Deployment Framework for Startups
- Unified Digital Platform for Infrastructure and Resource Sharing

Innovation Workforce & Knowledge Alliances

- Deep Tech Talent Development & Early Research Engagement
- Doctoral Fellowships & Research Alliances
- Mentorship and Exchange Programs

Deep Tech Adoption & Market Expansion

- International Networking & Events
- Grand Challenges
- Market Access Initiatives

Key Policy Enablers

Deep Tech Clusters
Dedicated R&D clusters and infrastructure facilities

Deep Tech Innovation Funds
Targeted financial instruments for high-impact deep tech projects.

University-Industry Tech Commercialization
Fast-tracking deep tech startup incubation.

Next-Gen Skilling & Research Programs
Creating a future-ready workforce for deep tech industries.

Policy Incentives for driving Deep Tech growth

KPIs

- Deep Tech Startups
- Deep Tech Innovation Hubs, CoEs, and sector-specific test beds
- Deep Tech Investments mobilized
- Deep Tech solutions procured by government and private sector.
- Students/professionals trained and research fellowships awarded m deep tech domains
- Technology transfer/ licensing deals
- PoCs or solution deployments under "Government as Early Adopter" programs
- Global strategic partnerships or Trade missions facilitated.
- Deep Tech startups funds through seed or venture funding

5. Policy Priorities and Interventions

5.1. Research & Development Support

Strengthening R&D is fundamental to building a pipeline of deep tech breakthroughs. The policy prioritises support for cutting-edge research and innovation to ensure a continuous flow of new technologies that can be commercialised in Tamil Nadu. GoTN will provide multi-year R&D grants, support early-stage deep tech innovation with micro-funds, and assist with patent filings and IP commercialisation through dedicated advisory services and an online marketplace. Key initiatives include:

5.1.1. Deep Tech R&D Grants (TRL ≤ 4)

a. GoTN will provide multi-year grants to researchers, startups, and academic teams working on promising deep tech projects. Funding will be disbursed in phases based on the achievement of predefined R&D milestones or Technology Readiness Levels (TRLs), ensuring progress and accountability.

b. Startups applying in collaboration with corporate partners shall be given priority consideration, encouraging co-development and industry validation at early stages.

c. A dedicated portion of the existing Research & Technology Fund under Tamil Nadu's Industrial Policy 2021[63] will be allocated for deep tech startups under the TNDTSP Deep Tech R&D grants. Qualifying projects can apply for top-up grants under TNDTSP, while other eligible projects will be supported through additional research funding pools. The goal is to bridge the early-stage funding gap for deep tech research, helping innovators transition from concept to prototype.[61]

d. Convertible instruments—both debt and non-debt structures (including SAFE-like agreements, where legally permissible)—will be explored to meet the diverse financing needs of early-stage deep tech startups.

e. To strengthen Tamil Nadu's deep tech hardware innovation ecosystem, the policy will institutionalise mechanisms that enable deep tech startups to access advanced design capabilities, reduce product development costs, and accelerate time-to-market. Hardware development is resource-intensive and requires convergence of form, function, engineering, aesthetics, technology, and business viability. By supporting design-focused R&D efforts, the state will create an enabling environment for sustainable hardware product innovation through a dedicated Deep Tech Hardware Product Design Scheme covering activities such as prototyping, industrial design, and aesthetic optimisation.

5.1.2. IP creation & Commercialisation Assistance

a. To support deep tech startups in the creation and monetisation of intellectual property (IP), the policy will provide financial assistance for patent filing, covering patent office fees and associated costs to alleviate the financial burden on innovators.[7]

b. The policy will also establish dedicated IP advisory services, in collaboration with the Technology Transfer Office (TTO) formed under the iTNT Hub, to assist startups with patent landscaping, freedom-to-operate analyses, and licensing negotiations. Regular training on IP best practices will be offered to build the capacity of startups to protect and commercialise their intellectual property. IP assets will be marketed as portfolios to attract commercial interest and investment in emerging technologies.

c. To promote collaborative innovation and reduce barriers to accessing critical patents, the policy will support the creation of voluntary patent pools in strategic technology areas. These pools will allow deep tech startups to access shared IP on transparent, standardised licensing terms, thereby accelerating technology development, interoperability, and commercialisation.

d. Additionally, support mechanisms will be created to enable inventors in Tamil Nadu to access and commercialise international IP, including forming licensing partnerships with global IP holders to accelerate technology adoption and market entry.

e. An online IP marketplace will be created under the Unified Digital Platform for Infrastructure and Resource Sharing (as mentioned in section 5.3.3) to connect startups with potential licensees, industry partners, and investors, facilitating the commercialisation of their innovations.

5.1.3. Strengthening IP Retention within Tamil Nadu's Deep Tech Ecosystem

To prevent premature loss or transfer of valuable deep tech IP developed in Tamil Nadu, the policy will institutionalise IP retention mechanisms to ensure that ownership, control, and commercialisation benefits remain anchored within the state's ecosystem. These mechanisms include:

a. **Localised Licensing Frameworks:** Promoting licensing models that retain IP ownership within Tamil Nadu while enabling controlled commercial use through structured agreements with external partners.

b. **State-Facilitated Co-Ownership Models:** Supporting joint IP ownership arrangements between startups, research institutions, and industry partners based in Tamil Nadu to ensure collective retention and value creation.

c. **Strategic IP Governance and Intelligence Framework:** The iTNT Technology Transfer Office (TTO) will provide advisory and oversight functions to ensure IP retention, licensing, and commercialisation considerations are integrated into all supported transactions under this policy. Through the Unified Digital Platform, the TTO will also enable ecosystem-wide IP intelligence services, including monitoring expiring patents and public-domain IP and identifying unaddressed market and technology gaps through IP landscape analysis to support new deep tech innovations aligned with industry and societal needs.

[7] IP Support is proposed under Tamil Nadu Industrial Policy 2021, TN Startup Policy 2023, TN R&D Policy 2022 and other sector specific policies

d. Enabling University-Based TTOs: This policy builds upon the commitments articulated in Tamil Nadu's allied policies, as listed in Annexure 4, which recognise the establishment and operationalisation of Technology Transfer Offices (TTOs) as critical enablers of research commercialisation. In alignment with these policies, the Deep Tech Policy reaffirms the state's commitment to strengthening university-based TTOs by facilitating capacity building, operational support, and ecosystem linkages to advance localised IP management, commercialisation, and retention within Tamil Nadu.

5.2. Funding & Investment Acceleration

Establish structured funding pathways, including seed grants, venture debt, and co-investment models, specifically targeting deep tech startups from TRL 4 onwards. These funding initiatives aim to de-risk investments, providing startups with the necessary capital to progress from early-stage development to market-ready solutions. Deep tech startups typically require "patient" capital due to longer development cycles and higher risk. The policy therefore focuses on expanding the funding landscape with various instruments tailored to deep tech needs, ensuring that founders have access to sufficient capital at every stage:

5.2.1. TRL-Based Commercialisation Support (TRL 5-7)

a. To support startups progressing from TRL 5 (validated prototypes) to TRL 7 (pre-market deployment), the policy will offer flexible commercialisation instruments, including dedicated grants, royalty-based investments, and convertible instruments. Convertible instruments—both debt and non-debt structures (including SAFE-like agreements, where legally permissible)—will be explored to meet the diverse financing needs of deep tech startups. These mechanisms are intended to support pilot-scale deployments, product commercialisation, and market readiness, helping startups advance towards full market entry.

5.2.2. TRL-Based Scale-Up Funding (TRL ≥ 7)

a. For startups at TRL 7 and above, scale-up financing options such as venture debt and structured growth-stage funding will be introduced. Co-investment models will match government funds with private venture capital in later funding rounds, increasing available financial resources. Standard operating procedures will be established to ensure smooth access, maintenance, and protection of intellectual property in the co-investment model.

5.2.3. Performance-Linked Micro-Fund Support for Incubators

a. Incubators will be eligible for micro-funds to support early-stage deep-tech ideas, technology validation, and market readiness activities.
b. Disbursement of these micro-funds shall be linked to performance-based incentives, with annual or milestone-based funding awarded to incubators demonstrating measurable commercialisation outcomes such as validated proof-of-concepts, licensing agreements, customer acquisitions, or secured follow-on investments. Performance evaluation[8] shall follow a structured framework for assessing incubator effectiveness and impact.

5.2.4. Facilitating Corporate Participation and Investment in Deep Tech

a. The policy will promote structured collaboration between startups and industry through co-creation and co-development frameworks to strengthen industry–startup partnerships. This includes enabling joint problem-solving, prototype validation, and market-readiness pilots. A dedicated corporate engagement mechanism will be implemented to support startups working on sector-specific challenges such as healthcare, sustainability, infrastructure, and other priority sectors. This mechanism will be operationalised through the Unified Digital Platform for Infrastructure and Resource Sharing (refer section 5.3.3), enabling startups to access corporate resources, infrastructure, funding opportunities, and strategic partnerships. Corporates will be encouraged to adopt and publicly disclose institutional intellectual property (IP) policies outlining their approach to innovation partnerships, licensing models, and knowledge-sharing protocols. This will strengthen responsible IP management and promote co-innovation with startups.
b. The government will encourage the formation of industry-led strategic investment mechanisms, including investments from corporate venture capital funds, to strengthen access to patient capital for deep tech startups. Industries investing in deep tech startups through recognised funding mechanisms will be eligible for targeted incentives aimed at promoting private sector-led capital mobilisation for deep tech commercialisation.
c. The policy will promote the formation of industry-led task forces and sectoral working groups to facilitate market access, pilot deployments, and the commercial scaling of deep tech solutions by identifying early adopters and demonstration partners.
d. A performance-based recognition framework will be instituted to acknowledge corporates for their leadership in deep tech partnerships, investments, and ecosystem development. Recognition will be accorded at the bi-annual Tamil Nadu Deep Tech Summit (refer section 5.5.1).

[8] Tamil Nadu Incubator Maturity Model (TNIMM) is a self-assessment framework designed to evaluate the operational maturity and ecosystem contribution of incubation centres across Tamil Nadu.

5.2.5. CSR-Based Co-Funding for Deep Tech Initiatives

a. The policy will leverage CSR funds[9] as per section (ix), Schedule VII of the Companies (Corporate Social Responsibility Policy) Rules, 2021 to support deep tech R&D initiatives, particularly by securing contributions from Tamil Nadu-based companies.[57] These funds will be directed towards addressing critical social challenges through deep tech solutions, such as reducing water wastage, enhancing sustainability, and promoting other impactful innovations.

b. GoTN will institutionalise a structured framework (which may include options such as CSR corpus fund for deep tech, strategic partnerships between corporates and state government-approved incubators, etc.), built in collaboration with key regulators[10] and the State government, to streamline the allocation and management of CSR investments. This framework will ensure that corporate contributions are effectively channelled to strengthen the deep tech ecosystem and support the advancement of research and commercialisation efforts.

5.2.6. Deep Tech Fund of Funds

a. To accelerate investment in deep tech startups, the policy will establish a Fund of Funds, with the government acting as a Limited Partner (LP) in venture capital funds, subject to the guarantee that the participating VC funds invest at-least twice the amount of government investment into Deep-tech startups in state. Thus, by leveraging government capital, the Fund of Funds will enhance access to equity financing for deep tech startups in state.[57]
b. The government's role as an LP will have a catalytic effect, encouraging private investors to participate by reducing the overall investment risk. The Fund of Funds will focus on supporting high-potential deep tech startups, particularly those facing challenges in securing funding from traditional sources due to the high-risk nature of deep tech ventures. This initiative will also ensure that funds are strategically directed towards sectors with the greatest potential for technological innovation and long-term societal impact, in alignment with both state and national development priorities.
c. The Deep Tech Fund of Funds shall invest in eligible Alternative Investment Funds (AIFs), which in turn may invest in deep tech startups through equity, convertible debt, royalty-based, or other hybrid instruments as permitted under applicable regulations.

5.3. Infrastructure & Ecosystem Development

Deep tech development often demands access to sophisticated infrastructure and equipment – from advanced laboratories and fabrication facilities to high-performance computing resources. TNDTSP seeks to build and provide world-class innovation infrastructure that can be shared across the ecosystem, reducing entry barriers for startups and fostering collaborative development:

[9] As per TN Startup & Innovation Policy 2023 StartupTN will establish partnerships with existing corporate incubators and accelerators and promote the corporate incubation concept to large MNCs and encourage them to establish the same. The Open Innovation Portal will develop a pipeline for Corporate Incubators. These facilities will be established through the CSR funding of Corporates and Large Industries.

[10] Ministry of Corporate Affairs (MCA), Department of Public Enterprises (DPE), Securities and Exchange Board of India (SEBI), Central Board of Direct Taxes (CBDT)

5.3.1. Deep Tech Research and Cluster-specific Parks

a. The TNDTSP aims to collaborate with relevant government departments to establish and support dedicated university-affiliated research parks and cluster-specific deep tech parks[11] in partnership with leading institutions across Tamil Nadu. These parks will serve as critical centres for deep tech R&D, offering state-of-the-art laboratories, specialised equipment, and expert technical mentorship to drive technological advancements and incubate early-stage deep tech ventures, supporting their progression from research to market. The policy will facilitate coordination with relevant government departments to identify and enable priority areas for deep tech research support, with these efforts integrated into the Unified Digital Platform outlined in section 5.3.3.

b. The cluster-specific deep tech parks will provide startups with access to research labs, clean rooms, fabrication facilities, testing and calibration resources, and co-working spaces. These parks will co-locate startups alongside research institutions and large firms, enabling innovation zones through resource sharing, mentorship, and collaboration.

c. Each park will provide space for prototyping, opportunities for field testing, and enable technology transfer from academia to startups. They will also host, and support events such as research workshops, hackathons, and industry-academia meet to encourage knowledge exchange and collaboration across the ecosystem.[12]

d. The policy will promote the establishment of specialised Centres of Excellence (CoEs), both within cluster-specific parks and as standalone facilities, in collaboration with relevant government departments. These CoEs will provide startups with access to advanced expertise and resources, and serve as innovation hubs in emerging and strategic technology domains that are otherwise inaccessible due to high-cost barriers.[61]

e. The policy will facilitate deep tech startups in accessing and importing critical technologies, equipment, and components essential for advancing their research and product development. Startups will be provided with guidance on regulatory processes, import clearances, and coordination with relevant government departments to overcome dependency bottlenecks and strengthen their technical capabilities.

5.3.2. Government-Supported Test Beds and Pilot Deployment Framework for Startups

a. A structured framework for proof-of-concept (PoC) testing will be established to support deep tech startups progressing from TRL 6 to TRL 8. All relevant government departments will open pilot deployment opportunities for these startups on a no-cost, no-commitment basis, enabling real-world validation of their solutions. The framework will also facilitate access to test beds through national platforms such as Government e-Marketplace (GeM) and PSU-led innovation programmes, allowing startups to validate their solutions in operational environments supported by central government agencies and public sector enterprises.

[11] Research parks and cluster-specific parks (TN Startup & Innovation Policy 2023), Electronics Manufacturing Clusters (TN Electronics Hardware Manufacturing Policy 2020), Centre for Excellence for Emerging Technologies in Manufacturing (TN Aerospace & Defence Policy 2022), EV Park/Future Mobility Park (TN EV Policy 2023), TICEL Bio-Park, medical textiles Parks, Medical Devices Parks etc. (TN Life Sciences Promotion Policy 2022)

[12] Regional level innovation contests/hackathons/Grand Challenges will be organized/financially supported with culmination events in Chennai every year as per the Startup & Innovation Policy. Support extended for startup focused programmes, workshops and internship drives organised by Incubators, educational institutions, startup networks/communities/groups, organisations and other reputed startup ecosystem partners.olicy 2022)

b. This framework will provide access to infrastructure, government facilitation, and data, in accordance with the State's Data Sharing Policy. Data generated from pilot deployments will be made available for reuse, subject to the provisions of the Tamil Nadu Data Sharing Policy. Startups will be able to access pilot testing facilities through an institutionalised system designed to facilitate smoother transitions from prototype to production. Upon successful completion of pilot deployments, the Government will issue formal Completion Certificates to validated solutions, enhancing their market credibility and adoption potential.

5.3.3. Unified Digital Platform for Infrastructure and Resource Sharing

a. The Unified Digital Platform[13] serve as a centralised hub to streamline access to R&D resources across Tamil Nadu. The platform will catalogue available facilities from universities, government labs, and private innovation centres, enabling startups to request time-bound access to high-end resources such as supercomputers, wind tunnels, and genomic sequencing labs. International funding opportunities will also be systematically catalogued, allowing startups to identify and apply for them. iTNT will proactively track such opportunities and support startups in securing advanced levels of funding.

b. The platform will onboard a wide range of ecosystem enablers, including subject matter experts, research institutions, academic partners, incubators, accelerators, non-resident Tamil Nadu experts (NRTs), investor networks, government agencies, and policy think tanks, to provide comprehensive support to deep tech startups. Startups will be able to access infrastructure based on proximity to Deep Tech Parks or Innovation Zones, ensuring localised access to essential facilities. In addition to facilitating infrastructure access, the platform will manage policy-linked incentives, monitor startup progress, and issue a unique digital ID for startups to ensure streamlined service delivery.

c. The platform will facilitate the timely processing of requests for regulatory approvals, infrastructure access, and other services through a 'Single Window for Ease of Doing Research.' The platform will be integrated with existing systems such as JIGSAW (iTNT Hub), StartupTN Portal, and other designated government platforms, and may be provisionally referred to as the "Unified Digital Platform." The final name and branding will be notified by the Department of Information Technology and Digital Services at the time of launch to ensure alignment with Tamil Nadu's digital governance ecosystem.

d. The policy will promote an enabling environment for deep tech startups by enhancing ease of doing business across the innovation lifecycle. This will include simplifying regulatory processes, streamlining access to public infrastructure and research facilities, and facilitating faster approvals for R&D and commercialisation activities. The Government will undertake measures to reduce administrative burdens and establish agile, startup-friendly governance mechanisms tailored to the specific needs of the deep tech sector.

[13] Similar existing platforms include StartupTN.in and AngelsTN (proposed in TN Startup and Innovation Policy 2023)

e. The Unified Digital Platform will also include a dedicated facilitation module under the **"Global Deep Tech Gateway"** initiative to onboard and support select international deep tech startups and research-led ventures seeking to establish a presence in Tamil Nadu. This module will provide regulatory guidance, infrastructure matchmaking, and onboarding support, enabling global deep tech innovators—particularly those aligned with Tamil Nadu's strategic sectors—to access cluster-specific parks, R&D resources, and relevant support schemes. By integrating the Gateway within the Unified Digital Platform, the policy ensures that international participation is streamlined, collaborative, and aligned with local ecosystem growth. This approach will also promote cross-border co-innovation, joint research, and knowledge-sharing opportunities with Tamil Nadu-based startups, researchers, and institutions.

5.4. Innovation Workforce & Knowledge Alliances

The success of a deep tech ecosystem hinges on the availability of skilled talent – including scientists, engineers, and entrepreneurs – as well as an environment that nurtures creativity and inclusivity. TNDTSP places strong emphasis on developing human capital and expanding the talent pipeline in deep tech fields:

5.4.1. Deep Tech Talent Development & Early Research Engagement

a. Specialised Deep Tech Skill Development programmes[14] aimed at training students and professionals in deep tech technologies will be launched. This will include sponsoring certification courses, bootcamps, hackathons, and online training modules in collaboration with industry leaders and premier institutes. Curricula at state universities and technical colleges will be updated to introduce deep tech-oriented courses on topics such as artificial intelligence, data science, advanced materials, and quantum computing, ensuring graduates enter the workforce with relevant deep tech knowledge.[15]

b. The Naan Mudhalvan upskilling platform[16] will be leveraged to introduce deep tech modules statewide, in partnership with leading universities, academies, and tech-focused firms. These modules will be targeted at engineering students and will promote interdisciplinary training that combines engineering, science, and entrepreneurship.

c. Additionally, to encourage student involvement in deep tech research, academic credit systems[17] will be aligned, and pre-doctoral research engagement programmes will be promoted at the undergraduate level, offering early exposure to research and fostering a culture of innovation from a young age.

d. The policy will promote collaboration with departments responsible for skilling, higher education, and technical training, as well as universities and academic institutions, to align academic curricula with the evolving needs of the deep tech sector. This will include co-developing specialised modules such as Intellectual Property (IP) management and technology commercialisation to build industry-relevant capabilities. To strengthen technology transfer

[14] Shall be institutionalised basis collaboration with Department of Technical Education, Department of Higher Education, and the Tamil Nadu Skill Development Corporation.

[15] The TN R&D Policy proposes a knowledge city through international collaboration, it will attract R&D centres in ICT and manufacturing.

[16] Shall be institutionalised basis collaboration with the Tamil Nadu Skill Development Corporation, Ministry of Electronics and Information Technology (MeitY), NASSCOM etc.

[17] Via coordination with the Tamil Nadu State Council for Higher Education, the University Grants Commission (UGC), and the All India Council for Technical Education (AICTE) to facilitate research-oriented academic pathways.

capacity in Tamil Nadu, the policy will promote targeted outreach and awareness programmes to identify, attract, and upskill professionals for Technology Transfer Office (TTO) roles across universities, research institutions, and industry-facing innovation offices. The Unified Digital Platform, as outlined in Section 5.3.3, will provide a dedicated feature to map and connect certified TTO professionals, mentors, and institutional innovation leaders, enabling resource sharing and streamlined access to expertise across the ecosystem.

5.4.2. Doctoral Fellowships & Research Alliances

a. Companies and universities will be encouraged to provide mentors, specialised equipment, supercomputing facilities, and testing laboratories to deep tech startups at subsidised rates to promote collaboration across the ecosystem. Standard operating procedures and agreements will facilitate smooth access, maintenance, and IP confidentiality when resources are shared.

b. A dedicated initiative will be established to support PhD projects focused on deep tech and translational research, in collaboration with leading universities, research institutions, and relevant government departments. This initiative includes the creation of state-funded PhD fellowships and establishes pathways for PhD students, universities, and government departments to co-found startups and pursue joint ventures. Competitive fellowships and grants will be offered to PhD scholars and post-doctoral researchers specialising in deep tech areas such as material science, nanotechnology, genomics, and related fields. Fellowship recipients will be encouraged to work with industry mentors to align research with practical challenges.[18]

c. Faculty-led innovation will be promoted by enabling researchers and academics to translate their work into market-ready technologies and ventures. To build a sustained pipeline of deep tech entrepreneurs, Entrepreneur-in-Residence (EiR) programmes[19] across key sectors will be supported, providing structured pathways for innovators to transition from research to commercialisation.

5.4.3. Mentorship and Exchange Programmes

a. A structured mentorship programme will connect early-stage deep tech entrepreneurs and students with experienced experts and will promote the centralised recognition of qualified mentors through the Unified Digital Platform for Infrastructure and Resource Sharing, as referenced in section 5.3.3. Recognised mentors will be profiled on the platform based on their expertise, experience, and sectoral relevance. A dedicated honorarium structure will be provided through the platform to acknowledge and incentivise mentor contributions. programme [20]

b. Each recognised deep tech startup will be paired with a mentor (or mentor team) to provide guidance on technology roadmaps, business strategy, and scaling. In addition, a Visiting Researchers initiative will invite expatriate Indian scientists (NRIs/NRTs) and global innovators to undertake sabbaticals or short-term engagements at Tamil Nadu's universities and incubators. These one-to-one partnerships with global universities, R&D institutes, and NRI experts will facilitate knowledge transfer, promote joint research, and embed international best practices into the local innovation ecosystem.

[18] The TN R&D Policy supports PhD students and Professors working on research problems given by the industry or any area aligned with Grand Challenges that have a commercial application.

[19] Entrepreneur-in-Residence (EiR) fellowships aligned with product development and commercialisation objectives will be promoted to bridge the gap between academic research and enterprise creation, drawing on models such as Yuva BIRAC and BITS Pilani's Drive programme.

[20] TN Startup & Innovation Policy mentions a centralised registry-cum-repository on venture firms, incubators, intellectual property support centres, mentors, database of different talents for Startups to hire, stakeholders and other activities

5.5. Deep Tech Adoption & Market Expansion

International R&D tie-ups, export promotion, and partnerships with MNCs will drive deep tech adoption. Innovation procurement mechanisms will create early adoption opportunities for deep tech solutions. Government and enterprise partnerships will integrate startups into industrial value chains. For deep tech startups to succeed, they must find pathways to deploy their innovations in the real world. The government and industry can play a pivotal role as early adopters and reference customers for novel solutions. TNDTSP introduces measures to drive the uptake of deep tech products in domestic and international markets:

5.5.1. International Networking & Events

a. The "TN Deep Tech Summit" will be hosted by the Information Technology and Digital Services periodically in Tamil Nadu to showcase local startups, foster global partnerships, and highlight innovations in deep tech. The summit will provide an opportunity for Tamil Nadu's deep tech ecosystem to connect with global leaders, investors, and research institutions, driving visibility, networking, and learning. [21]

b. Delegations will also be organised to renowned tech conferences abroad to expand global reach and attract customers and investors.

5.5.2. Grand Challenges

a. To accelerate the adoption of deep tech solutions, annual Grand Challenges will be launched to identify high-impact innovations with strong commercialisation and societal potential. These challenges will provide a platform for startups, academic researchers, and industry innovators to validate their technologies in real-world settings and secure early market traction.

b. The Grand Challenges will address both demand-side (societal and industry-driven needs) and supply-side (research and technology translation gaps), encouraging innovation that solves critical state and national priorities. Solutions with the potential for scaling, adoption, and policy impact will be prioritised for support.

c. iTNT Hub, in collaboration with government departments, industry partners, and academic institutions, will identify pressing challenges in sectors such as healthcare, agriculture, energy, sustainability, mobility, and manufacturing. These challenges will be designed to mobilise ecosystem participation, accelerate solution deployment, and strengthen Tamil Nadu's positioning as a solution-provider for national and global markets.

d. Winning solutions will be eligible for funding support, government pilot opportunities, mentorship, and market access facilitation. Recognised startups and research teams may also receive certification, public recognition, and fast-track access to policy incentives under the Tamil Nadu Deep Tech Startup Policy.

[21] TN Startup & Innovation Policy states that summits will be organised every year at regional and State level to showcase startups and business innovations and to provide a platform to stakeholders for collaboration in the startup ecosystem.

5.5.3. Market Access Initiatives

a. The Government of Tamil Nadu (GoTN) will introduce a Partnership Framework to connect Tamil Nadu's deep tech startups with leading research institutions, corporate R&D centres, global capability centres (GCCs), venture capital investors, and high-net-worth individuals (HNIs) worldwide. This framework will facilitate joint research projects, collaborative innovation, and market access initiatives. By building such partnerships, Tamil Nadu's deep tech startups will gain exposure to cutting-edge research, advanced technologies, and international market entry strategies, thereby accelerating growth and unlocking new opportunities for expansion in global markets. The Government will also engage with industry bodies and networks to create early adopter pools or "first customers" to help deep tech startups validate and scale their products in both domestic and international markets.

b. To enhance global engagement, GoTN will organise regular international trade missions and delegations. These initiatives will provide Tamil Nadu's deep tech startups with opportunities to showcase their technologies at prominent global tech expos, investor forums, and industry conferences. By facilitating direct interactions with international investors, industry leaders, and potential partners, these missions will foster cross-border collaborations, increase market visibility, and attract investment into the state's deep tech ecosystem. In addition, the Government will leverage relevant industry task forces, special interest groups, and industry networks to promote coordinated demand creation, thematic collaboration, and market development for deep tech products.

c. GoTN will encourage Global Capability Centres (GCCs) operating in Tamil Nadu to establish dedicated Deep Tech Accelerator Programmes. These accelerators will provide deep tech startups with mentorship, infrastructure, and market linkages to validate and scale their solutions for international markets.

d. TNDTSP will align with the Startup Procurement Guidelines of the Government of Tamil Nadu, once notified, to facilitate preferential access for eligible deep tech startups in public procurement and government tenders.

6. Policy Incentives

TNDTSP offers a set of incentives designed to support innovation, research, and commercialisation of deep tech startups. These incentives provide financial support, access to infrastructure, and foster strategic partnerships, aimed at helping startups grow from R&D to market-ready solutions.

Sl. No.	Policy Priority	Policy Intervention	Incentive Details
01	**Research & Development Support**	Deep Tech R&D Grants (TRL ≤ 4)	(i) **TRL 1-3:** Reimbursement of approved lab research expenses (government or academic labs) up to **INR 10 lakh per year.** (ii) **TRL 4:** Reimbursement of lab validation and sandbox pilot expenses up to **INR 10 lakh per year.** (iii) Up to **75% subsidy** (maximum of **INR 15 lakh per deep tech startup**) for product development activities including prototyping, industrial design, and aesthetic optimisation. Priority consideration shall be given to applications submitted in partnership with corporate collaborators.
02	**Research & Development Support**	IP creation & Commercialisation Assistance	(i) Financial assistance is provided to cover patent filing fees, legal expenses, and IP consultancy costs. Reimbursement of up to **INR 10 lakh** per deep tech startup for domestic and international patent filings. (ii) **IP Commercialisation Grants** for startups developing patent-backed deep tech solutions through an IP marketplace shall be facilitated by iTNT Technology Transfer Office.
03	**Funding & Investment Acceleration**	TRL-Based Commercialisation Support (TRL 5-7) and Scale-Up Funding (TRL ≥ 7)	(i) **TRL 5-6:** Grants up to **INR 50 lakhs** per startup to support pilot-scale deployment and pre-market product validation with funding tied to performance milestones. (ii) **TRL (5-7): Convertible Seed Instruments** in the form of convertible debt for deep tech startups, which can later convert to equity. Offered to startups that have not yet raised significant equity. Conversion to equity is tied to future valuation milestones.

Sl. No.	Policy Priority	Policy Intervention	Incentive Details
			(iii) **TRL 7:** A **one-time product commercialisation grant of INR 1 – 5 Cr** per startup once the innovation is proven and ready to scale.
04	**Funding & Investment Acceleration**	Performance -Linked Micro-Fund Support for Incubators	(i) **Annual grants of up to INR 10 lakh** per incubator per year to recognised incubators and accelerators that demonstrate measurable success in supporting deep tech commercialisation.
05	**Funding & Investment Acceleration**	Facilitating Corporate Participation and Investment in Deep Tech	(i) An additional capital subsidy of up to **1% (subject to a maximum of INR 5 Cr per company)** under the TN Industrial Policy 2021 shall be granted to companies that are already eligible for capital subsidy and extend structured support to deep tech startups accredited under the TNDSTP. The extent of additional subsidy shall be determined based on the level of compliance with the following activities: a) **Procurement:** Placement of cumulative orders with TNDSTP-approved deep tech startups, starting from **INR 2 Cr**, with enhanced benefit for orders exceeding **INR 5 Cr.** b) **Sandbox/Test Environment:** Offering of sandbox or test-bed facilities that are utilised by at least two deep tech startups per year for validating their solutions using the company's infrastructure or data. c) **Incubation Programme:** Establishment of an in-house incubator or accelerator programme supporting a minimum of five deep tech startups through mentorship, workspace, or seed funding. d) **Fund Investment:** Investment of a minimum corpus of **INR 50 lakh** in deep tech startups or accredited deep tech-focused funds, with enhanced benefit for contributions of **INR 1 Cr** or more.

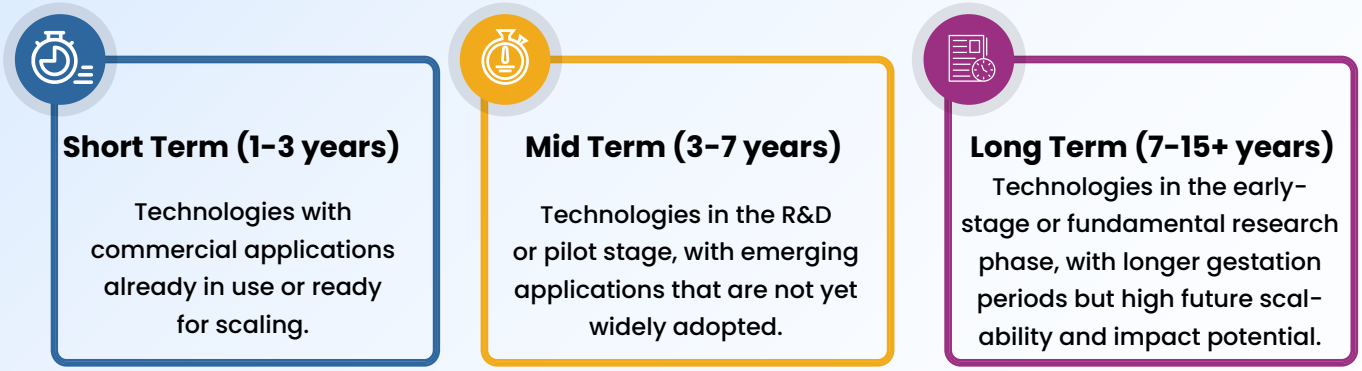
Sl. No.	Policy Priority	Policy Intervention	Incentive Details
			Companies undertaking any one of the above activities shall be eligible for up to **0.5% additional subsidy,** those undertaking two activities or exceeding higher thresholds in a single activity shall be eligible for up to **0.75% subsidy**, and those undertaking three or more activities shall be eligible for the **full 1% subsidy.**
06	**Infrastructure & Ecosystem Development**	Deep Tech Research and Cluster-specific parks	(i) A voucher-based system based on MoUs to allow deep tech startups to access existing shared infrastructure. Through this system, startups can access approved shared labs, equipment, and other necessary resources at minimal cost. (ii) **50% rental subsidy** for deep tech startups on office or lab space within government-supported deep tech parks or incubator facilities
07	**Innovation Workforce & Knowledge Alliances**	Deep Tech Talent Development & Early Research Engagement	(i) **Talent Development Grant:** Grants to support deep tech skill development within startups and educational institutions. An annual **skilling corpus of INR 10 Cr** to provide grants for recognised deep tech startups or affiliated training institute to fund specialised training programmes, certifications, or workshops for its employees/students (travel and lodging expenses excluded) or facilitate Deep Tech skilling programs.
08	**Innovation Workforce & Knowledge Alliances**	Doctoral Fellowships & Research Alliances	(i) **Research–Entrepreneur Fellowship (REF):** Qualified researchers or PhD graduates who start a deep tech company (based on their research IP) receive a personal research grant to continue R&D while building the venture. **INR 25 lakh** grant per recipient, disbursed over 1–2 years, to support salaries and R&D costs as the researcher transitions into an entrepreneur. The startup must be based on proprietary technology developed by the fellow and have a clear commercialisation plan.

Sl. No.	Policy Priority	Policy Intervention	Incentive Details
			(ii) **Expatriate Collaboration Incentive:** This supports collaborative R&D where an overseas expert partners with a startup or Deep Tech Infrastructure/Lab facility in Tamil Nadu. Up to **INR 50 lakh** grant for a deep tech project that involves a qualified international researcher (NRI or foreign expert) collaborating with a Tamil Nadu startup or research institution. Funds can cover the expert's travel and consulting fees, as well as joint research costs.
09	**Innovation Workforce & Knowledge Alliances**	Mentorship and Exchange Programmes	(i) International Exchange Grants for participation in twin city collaborations, global accelerator programmes, and research exchange initiatives. Up to **INR 10 lakh** per startup or researcher for participation in international deep tech exchange programmes.
10	**Deep Tech Adoption & Market Expansion**	International Networking and events	(i) The state will support at least 10 **deep tech startups** each year in international exposure – covering up to 50% of the travel and exhibition costs (**up to INR 5 lakh per year**) for deep startups (who have filed for IP) selected to join official delegations or trade shows.
11	**Deep Tech Adoption & Market Expansion**	Market Access Initiatives	(i) GoTN (or government agencies shall support initial procurement orders for TNDTSP registered Deep tech startups. (depending on the technology's maturity and department needs).

7. Sectoral Focus and Technology Priorities in Deep Tech

The policy identifies priority sectors and technology domains based on Tamil Nadu's current strengths and future growth potential. These have been classified by development horizons to guide phased interventions and ecosystem support. This classification reflects varying levels of ecosystem readiness, market adoption, and research maturity, helping the state prioritise efforts based on economic and industrial impact potential.

- Sectors are typically classified as short, medium, or long-term based on State and National Priorities, policy focus areas, and their potential for economic, social and industrial impact within the state's development vision.
- **Technologies** are classified based on their **commercial readiness and research maturity** as follows:



While the policy initially adopts a broad cross-sectoral approach, it is designed to progressively evolve into dedicated sectoral tracks as Tamil Nadu's deep tech ecosystem matures. These tracks will be developed based on sectoral readiness, strategic relevance, and potential for high-impact innovation. Each sectoral track will be supported by tailored policy instruments, dedicated funding mechanisms, targeted accelerator programmes, and access to domain-specific infrastructure or research facilities. These verticals will be aligned with the state's industrial and R&D priorities and will function as mission-driven platforms to foster focused innovation, accelerate technology commercialisation, and strengthen Tamil Nadu's global positioning in deep tech leadership.

In addition to driving industrial growth and competitiveness, the state's deep tech strategy will place strong emphasis on social sector applications. Many of the identified priority sectors—healthcare, clean energy, enterprise applications, mobility, and advanced materials—have direct implications for improving quality of life and ensuring inclusive growth. Deep tech solutions will be leveraged to strengthen public health systems, education delivery, skilling and employability platforms, disaster resilience, and social protection programmes.

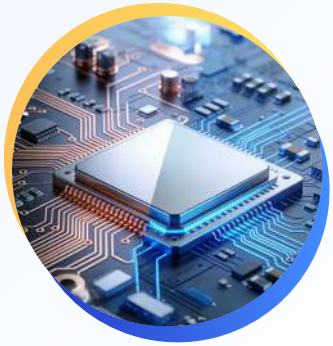
By embedding a **social application lens across all sectors,** the policy ensures that deep tech innovation not only advances industrial competitiveness but also creates tangible social impact. This approach will position Tamil Nadu as a leader in people-centric deep tech innovation, where economic growth and social development are pursued in tandem. Dedicated support mechanisms—including GovTech collaborations, regulatory sandboxes for public services, and targeted social impact accelerators—will ensure that emerging technologies are tested and deployed in real-world contexts, benefiting citizens while strengthening the innovation ecosystem.

SECTORS	SHORT TERM	MID TERM	LONG TERM
Automobile, Auto-components & EV	✓	✓	
Electronics & Semiconductors		✓	✓
Biotechnology & Healthcare	✓	✓	✓
Clean Energy & Sustainability	✓	✓	✓
Aerospace & Defence (including Space Tech)		✓	✓
Enterprise Applications	✓	✓	

The sectoral priorities outlined above provide a directional roadmap to guide ecosystem actions across short, medium, and long-term horizons. These priorities will be periodically reviewed based on emerging technologies, national missions, and market needs to ensure continued relevance. The following sections outline sector-specific opportunities and state interventions to position Tamil Nadu as a premier global deep tech hub.

- **Automobile, Auto-components & EV:** Tamil Nadu has a strong automotive sector with many multinational firms having manufacturing operations in state. The state contributes about 30% (~6 billion USD)[22] of Indian auto-exports. This sector is seeing rapid disruption based on technological advancements. Various levels of autonomous driving technologies are being invented. Factories are increasingly getting automated. Newer composite materials disrupting traditional manufacturing models.

  From a deep-tech perspective, the state shall focus on this sector by providing facilities for startups next to automotive industry corridors. These facilities could be managed in partnership with industry associations such as ARAI (Automotive Research Association of India). Government shall work with the industry to provide access to managed testing environments for autonomous driving.



- **Electronics & Semiconductors:** Tamil Nadu has a state has seen investment from some of the global electronics majors such as Samsung, Pegatron & Foxconn. In FY24, the state exported $9.5 billion 22 worth electronics good, contributing to about 32% of India's electronics exports. With the emergence of a semiconductor cluster in the state, there is a thrust on chip design, advanced lithography techniques, photonic and optical computing, and electronics hardware innovation. Across India, startups are emerging in semiconductor design, various aspects of chip manufacturing and devices.

[22] Guidance TamilNadu

The state will facilitate tie up with semiconductor fabrication initiatives (including any national semiconductor mission projects) and set up facilities like MEMS fabrication labs, photonics research labs, and provide capital subsidies or land incentives for companies setting up semiconductor R&D or prototyping units. From building a talent pipeline perspective, Government shall focus on setting up fab labs in strategically important locations.

- **Biotechnology & Healthcare:** This spans healthcare tech (medical devices, digital health, bioinformatics), genomics and DNA-based computing, bioengineering, and agritech biotech solutions. Tamil Nadu's strong healthcare infrastructure and pharmaceutical sector, along with leading life sciences research institutions, create a conducive environment for biotech innovation.

  In the future, the establishment of **advanced data centres and bio-labs,** in collaboration with relevant academic institutions, will be explored, alongside the provision of grants for research in relevant scientific fields. Deep tech startups focused on healthcare solutions may be given priority access to facilities for clinical validation through government-supported agreements, with streamlined approval processes in collaboration with regulatory bodies for locally developed medical technologies.

- **Clean Energy & Sustainability:** Covering innovations in battery technology, energy-efficient computing, renewable energy, electric mobility, and climate resilience technologies. Given the global shift towards sustainability, deep tech in energy storage (battery and fuel cell breakthroughs), smart grids, and low-power computing is crucial. Advancements in material science is resulting in newer battery technologies for different situations.

  GoTN will support setting up of Battery **Innovation Labs** and testing facilities, offer pilot opportunities for renewable integration technologies, and provide subsidies for startups working on clean tech pilot deployments (for instance, installing their solutions in government facilities or public spaces as demonstrators). Partnerships with the automotive industry in the state can drive adoption of new energy solutions in electric vehicles and energy management systems.

- **Aerospace & Defence (including Space Tech):** This includes satellite technology, UAVs and drones, defence electronics, and micro-gravity/space-related tech. Tamil Nadu's industrial capabilities in automotive and electronics, and presence of defence PSUs, can be leveraged for aerospace innovation. Tamil Nadu has strategic units of ISRO such as ISRO propulsion complex in Tirunelveli. Given that this sector is a capital-intensive sector, Government shall take initiative to work with other Government and private sector organisations to open their facilities for startups to use in a seamless manner.

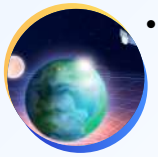
In the future, the state may explore the establishment of an **Aerospace & Defence Deep Tech R&D Centre,** potentially within existing aerospace parks, equipped with infrastructure such as wind tunnels for aerodynamics testing and simulation facilities. This Centre will anchor a dedicated Defence Tech Track, with formal partnerships with Indian defence establishments such as DRDO, ISRO, BEL, and HAL to support dual-use technology development programmes. Additionally, the state would consider co-sponsoring challenge competitions for space-tech startups and providing testing ranges for drone technologies through a regulatory sandbox approach.

- **Enterprise Applications:** A significant part of AI based innovation is happening in enterprise computing and related spaces. In this vertical, AI and advanced computing (including machine learning, quantum computing, blockchain, and novel computing paradigms like homomorphic encryption) are key enablers for many sectors. Tamil Nadu's growing IT sector and initiatives like the Tamil Nadu AI Mission lay the groundwork for leadership in AI. GoTN will explore provision of **cloud credits and HPC (High-Performance Computing) access** to AI startups – for example, GPU clusters available via the resource-sharing platform.

There will also be support for establishing a **Centre of Excellence in AI** that will focus on ethical AI, AI for public services, multilingual AI, humanoid robotics, AI-driven manufacturing, quantum computing, privacy-preserving AI, and next-generation cryptography—promoting interdisciplinary research and innovation across emerging deep tech domains. Quantum computing research will be promoted through academic grants and by connecting with national quantum initiatives, ensuring that Tamil Nadu's ecosystem is quantum ready. To further strengthen Tamil Nadu's capabilities in advanced computing, the Government will also launch the **Tamil Nadu Quantum Computing Initiative (TN-QCI)** to promote foundational and applied research, talent development, and industry partnerships in quantum technologies.

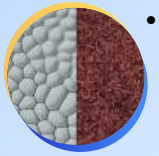
As the policy evolves, targeted efforts will be made towards high-priority sectors, with tailored strategies, resources, and incentives for each. The list of priority sectors will be periodically reviewed and updated, in consultation with industry leaders and domain experts, to ensure alignment with technological advancements and evolving market demands. Under each identified sectoral and horizontal priority, Special Interest Groups (SIGs) shall be constituted to promote deeper industry-academia-startup collaboration, facilitate thematic partnerships, and enable coordinated ecosystem development to accelerate deep tech innovation in the state. Additionally, a **cross-sector focus on key technologies given below** will be pursued. These horizontal technology areas will be integrated across multiple sectors, fostering innovation and collaboration.

TECHNOLOGIES	SHORT TERM	MID TERM	LONG TERM
Microgravity/Zero-Gravity Based Technology		✓	✓
Battery Technology	✓	✓	
Composite Materials & Material Science	✓	✓	
Genomics & DNA-based Computing		✓	✓
Emerging AI Models	✓	✓	
Quantum Computing		✓	✓
Brain-Computer Interfaces (BCI)		✓	✓
Energy-Efficient Technologies	✓	✓	
Lithography		✓	✓
Bioengineering	✓	✓	
Adaptive Textiles		✓	✓
Homomorphic Computing		✓	✓
Photonics & Optical Computing		✓	
Cybersecurity & Privacy Preserving Technologies		✓	✓



- **Microgravity/Zero-Gravity-Based Technology:** As the space economy advances, there will be a strong focus on materials and applications that operate in outer space and Low Earth Orbit (LEO) satellites. This technology will drive fundamental advancements in science and engineering. GoTN will collaborate with organisations like NAL and ISRO to provide deep tech startups with access to microgravity testing facilities, enabling the development of space-related innovations.

- **Battery Technology:** The demand for specialised batteries, such as those for fast charging, long-lasting power, and hazardous environments, is growing. As materials science evolves, so too will battery technology, presenting new opportunities for innovation. GoTN plans to establish Battery Innovation Labs to facilitate advancements in this field and support startups developing cutting-edge battery solutions.



- **Composite Materials & Material Science:** Composite materials are used across industries—from aerospace to pharmaceuticals. Advancements in material science are enabling new innovations in this space. GoTN will work with local industries to identify bottlenecks and promote material innovations that enhance the performance and application of composites.

- **Genomics & DNA-based Computing:** The field of genomics, particularly DNA-based computing, has vast potential, especially in the development of personalised medicine and specialised treatments. GoTN will explore the establishment of a Genome Data Centre, complemented by GPU clusters, to support deep tech startups working in genomics and DNA-based computing.

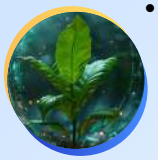
- **Emerging AI Models:** AI is advancing rapidly, with older models becoming commoditised as newer, domain-specific AI solutions emerge. To maintain a competitive edge, GoTN will foster a supportive ecosystem by providing access to cost-effective compute power clusters, while encouraging data sharing across industrial ecosystems to drive innovation in AI technologies.

- **Quantum Computing:** Although quantum computing remains in its early stages, future breakthroughs will disrupt industries by revolutionising computing, encryption, and security. GoTN will focus on R&D in quantum computing, identifying use cases for strategic sectors and supporting them with R&D grants to accelerate progress in this area.

- **Brain-Computer Interfaces (BCI):** Brain-computer interfaces, such as Neuralink, are rapidly evolving to enable new forms of human-computer interaction. GoTN will facilitate access to advanced BCI technologies, enabling startups to address challenges in industrial sectors by reimagining computing solutions.

- **Energy-Efficient Technologies:** Achieving net-zero emissions requires not only the adoption of clean energy but also significant improvements in energy efficiency across industries. GoTN will provide opportunities for piloting energy-efficient technologies on a no-cost, no-commitment basis, collaborating with public and private sectors. Focused R&D grants will also be offered to support innovation in energy efficiency.

- **Lithography:** As India's semiconductor industry grows, the need for precision technologies like lithography will increase. GoTN will collaborate with established electronics manufacturing companies to provide access to lithography facilities and real-world problems for startups working on semiconductor technologies.



- **Bioengineering:** Bio-engineering, which integrates biological and engineering principles to address medical and biological challenges, is rapidly advancing. GoTN will work with the healthcare industry to create an environment conducive to bio-engineering innovation, providing startups with access to clinical facilities for trials and experimentation.

- **Adaptive Textiles:** Advances in material science are enabling the development of adaptive textiles with properties such as colour change, heat insulation, and moisture absorption. These textiles have applications in space-tech, healthcare, energy, and sustainability. GoTN will open innovation challenges and collaborate with industries, including traditional textile sectors, to foster a cluster of deep tech startups in this space.

- **Homomorphic Computing:** Homomorphic computing allows computations on encrypted data, addressing privacy and confidentiality concerns. This technology has significant applications in data-sensitive industries like healthcare. GoTN will support the development of homomorphic computing by facilitating access to data ecosystems, ensuring privacy while enabling secure data processing.

- **Photonics & Optical Computing:** Optical computing, which replaces electrical signals with light, holds the potential to revolutionise computing. GoTN will promote innovation in photonics and optical computing by providing access to advanced R&D infrastructure and fostering collaboration with electronics firms to drive breakthroughs in this technology.

- **Cybersecurity & Privacy-Preserving Technologies:** With digital systems increasingly underpinning critical sectors such as healthcare, finance, energy, and defence, the need for advanced cybersecurity solutions has become paramount. Emerging technologies like Quantum Computing, AI Models, Homomorphic Encryption, and Photonics present both opportunities and risks in cybersecurity. GoTN will prioritise the development of next-generation cybersecurity solutions, including quantum-resilient encryption, AI-powered threat detection, privacy-preserving data analytics, and secure data exchangeframeworks. Startups will be supported to co-develop security solutions that can safeguard critical infrastructure, protect personal data, and ensure the resilience of emerging deep tech applications. In addition, GoTN will work with industry, academia, and national cybersecurity agencies to establish Cybersecurity Test Beds and Threat Simulation Labs to validate the security readiness of deep tech products before market deployment.

By focusing on these priority sectors and technologies, Tamil Nadu aims to create **clusters of excellence where talent, infrastructure, and investment converge,** driving breakthroughs that enhance the state's competitive edge both nationally and globally.

8. Policy Period

The Tamil Nadu Deep Tech Startup Policy shall remain in effect for a period of five (5) years from the date of its notification, unless otherwise amended or superseded by the Government of Tamil Nadu. The policy shall be subject to annual performance reviews to assess progress against defined targets and key performance indicators. A mid-term review shall be conducted at the end of Year 2 to identify the need for any course corrections, budget reallocations, or programmatic adjustments.

9. Governance and Implementation Framework

A robust governance framework is critical to the successful implementation, monitoring, and continual relevance of the policy. The Department of Information Technology and Digital Services will be empowered to provide clarifications and guidance regarding the implementation of the policy, as necessary. To ensure effective execution, GoTN will establish a comprehensive governance and implementation framework for the Tamil Nadu Deep Tech Startup Policy (TNDTSP), as outlined below:

- **Nodal Agency – iTNT Hub:** The iTNT Hub will serve as the nodal implementing agency for the TNDTSP. It will house a dedicated team to coordinate all initiatives, manage funds, and act as a single point of contact for stakeholders. iTNT Hub will ensure synergy among different programmes, maintain the Unified Digital Platform for Infrastructure and Resource Sharing, and liaise with other government departments as needed. It will also be responsible for the day-to-day administration of processing applications, disbursing incentives, etc. under the policy.

- **Tamil Nadu Deep Tech Advisory Group:** A high-level Deep Tech Advisory Group will be formed to provide strategic guidance and oversight. This group will include representatives from key government departments, industry leaders, eminent academicians and scientists, successful startup founders or VCs, and NRIs who hold leadership roles in R&D or innovation at major global companies, particularly Fortune 500 firms. These individuals will provide valuable insights from the global tech and innovation landscape, contributing to the policy's strategic direction. The group will periodically review the policy's performance against defined KPIs, recommend course corrections or new initiatives, and ensure that the policy adapts to technological and market changes. The group will meet every two months, or with greater frequency based on the number of applications, to review progress and provide guidance.

- **Unified Digital Platform:** As part of implementation, the Unified Digital Platform for Infrastructure and Resource Sharing (mentioned in Section 5.3.3) will be used to streamline all interactions with the policy.

- **Monitoring, Evaluation and Adaptive Governance:** The policy will follow a model of continuous improvement. Independent reviews and stakeholder consultations will be conducted at defined intervals to assess the impact of the policy's programmes. KPIs will be measured, including qualitative feedback from startups on the support received. Based on evaluations, Department of Information Technology and Digital Services will propose updates to the policy, such as reallocating budgets, refining eligibility criteria, introducing new incentives, or phasing out outdated measures on an annual basis. A mid-term review will ensure the policy stays on track to meet its objectives. Tamil Nadu Incubator Maturity Model (TNIMM) framework shall be used for assessing start-up incubators across the State by identifying various parameters and criteria to promote them. This adaptive governance approach will ensure that TNDTSP remains effective in a fast-evolving tech landscape.

10. Methodology and Way Forward

The formulation of the Tamil Nadu Deep Tech Startup Policy is based on research, analysis, and stakeholder insights. The initial draft of the policy was developed through secondary research, benchmarking global and national best practices in deep tech promotion, and an assessment of Tamil Nadu's local ecosystem. Key steps in the methodology included:

- **Review of Existing Policies:** A review of Tamil Nadu's current policies (Industrial Policy, MSME Policy, ICT Policy, etc.) and recent budgets was conducted to identify strengths, gaps, and areas where the new deep tech policy should align with or complement existing measures. This ensured coherence and avoided overlap with ongoing initiatives.

- **Ecosystem Mapping:** An analysis of Tamil Nadu's deep tech and emerging tech ecosystem was carried out, mapping deep tech startups, incubators, research parks, funding sources, talent pools, and existing infrastructure. This analysis identified strengths (such as industrial clusters and academic institutions) and gaps (such as the need for more specialised testing facilities or increased venture capital presence) that the policy aims to address.

- **Sectoral Assessment:** Sectoral evaluation was done to identify industries in Tamil Nadu that would benefit most from deep tech interventions and have the highest growth potential. Key factors considered included GDP contribution, projected growth rates, presence of large companies or MNC R&D centres, deep tech startup density, availability of skilled talent, and alignment with identified deep tech domains.

- **Benchmarking National and Sub-national International Models:** The policy was developed by studying national policies related to startups, innovation, research commercialisation, intellectual property, and funding, including the National Deep Tech Startup Policy 2023 (draft). International case studies from leading innovation hubs were also analysed to incorporate successful strategies and avoid known challenges.

The Tamil Nadu Deep Tech Startup Policy represents a strategic, structured, and forward-looking approach by the Government of Tamil Nadu to foster a thriving deep tech ecosystem. By learning from the National Deep Tech Startup Policy's framework and aligning with its themes – from R&D and funding to infrastructure, IP, talent, and beyond – TNDTSP is positioned to not only elevate the state's innovation capacity but also contribute to India's overall leadership in advanced technology. Through sustained commitment and collaborative execution of this policy, Tamil Nadu aspires to achieve transformative economic growth, societal benefits, and global recognition as a lighthouse for deep tech innovation.

11. Annexures

Annexure 1 - Available Infrastructure, Grants & Funds for Deep Tech Startups

The following lists outline the grants, funds, and infrastructure facilities that may be available to deep tech startups, depending on the specific criteria outlined for each. These opportunities can be availed by deep tech startups, subject to meeting the relevant eligibility requirements. Please note that this is not an exhaustive list. URL details for the links on Page No. 96. All URLs are active as on December 31, 2025.

A. Grants and Funds

Sl. No.	Name of Fund	Organisation	Description	Link
01	**DST-GDC I-NCUBATE Programme**	Department of Science & Technology (DST) in partnership with Gopalakrish-nan-Deshpande Centre (GDC) at IIT Madras	• A cohort-based programme designed to transform innovations from Indian universities and laboratories into deep tech startups, fostering socio-economic impact at scale.	DST-GDC I-NCUBATE PROGRAMME | NIDHI
02	**Small Business Deep tech Innovation (SBDI) Grant Programme**	Anusandhan National Research Foundation (ANRF)	• Aimed to foster AI-led innovations and share research infrastructure. create a 'cloud of research and innovation infrastructure', a digital platform that would offer deep-tech start-ups and academic institutions access to underused scientific equipment and facilities across the country.	New programme
03	**Small Business Innovation Research Initiative (SBIRI)**	BIRAC	• SBIRI was the first of its kind, early stage, innovation focused PPP initiative in Biotechnology. Launching of SBIRI has worked as an enabling platform for the target organisations to realise their potential in terms of product and process development and taking them to the market	SBIRI
04	**Deep Tech Fund of Funds**	Department for Promotion of Industry and Internal Trade (DPIIT)	• Rs 10,000 crore Fund of Funds Scheme (FFS) for startups, focusing on manufacturing and high-tech sectors, will provide long-term funding. It aims to address diverse startup needs, expand the AIF ecosystem, and support deep-tech innovation.	

Sl. No.	Name of Fund	Organisation	Description	Link
05	**NIDHI- Seed Support System (NIDHI-SSS)**	Department of Science & Technology	• Providing financial assistance to potential startups with promising ideas, innovations and technologies.	NIDHI- Seed Support System (NIDHI-SSS)
06	**NIDHI Technology Business Incubators (TBIs)**	NIDHI, Department of Science and Technology (DST)	• Commercialisation of existing innovation by host institution or any other institution	NIDHI TBIs
07	**NIDHI-Accelerator**	NIDHI, Department of Science and Technology (DST)	• Post-incubation fast-tracking of market-validated startups to scale up	NIDHI Accelerator
08	**NIDHI Deep Tech Translational Programme DST-GDC I-NCUBATE PROGRAMME**	NIDHI, Department of Science and Technology (DST) and IIT Madras	• Market validation and commercialisation discovery in the early stage	DST-GDC I-NCUBATE
09	**Biotechnology Industry Partnership Programme (BIPP)**	Biotechnology Industry Research Assistance Council (BIRAC)	• BIPP is a government partnership with Industries for support on a cost sharing basis for path-breaking research in frontier futuristic technology areas having major economic potential and making the Indian industry globally competitive.	BIRAC
10	**Technology Development Board (TDB) Funding**	Technology Development Board (TDB), Department of Science & Technology (DST)	• Provides financial assistance to companies for the development and commercialisation of indigenous technologies or adapting imported technologies for wider application.	Technology Development Board | Department of Science & Technology
11	**Leap Global Programme**	Venture Centre supported by DST NIDHI	• A 6-month equity-free, cohort-based accelerator programme aimed at empowering deep tech startups in healthcare, environment, and sustainability sectors to scale globally. Venture Centre	NIDHI Accelerator Programme

Sl. No.	Name of Fund	Organisation	Description	Link
12	**Fund for Industrial Research Engagement (FIRE)**	Science and Engineering Research Board (SERB), DST	• SERB-DST partnership with Intel India to launch first-of-its-kind initiative to advance deep tech-based research in India	SERB-DST | Department of Science & Technology
13	**IndiaAI FutureSkills**	India AI Mission	• The India Future Skills pillar aims to enhance India's AI workforce readiness by mitigating barriers to entry in AI programmes and advancing the AI talent pipeline. The pillar will increase AI courses in undergraduate, postgraduate, and Ph.D. programmes. Further, it aims to foster inclusive access to AI education by establishing Data and AI Labs in Tier 2 and Tier 3 cities across India to impart foundational level courses.	IndiaAI FutureSkills
14	**IndiaAI Compute Capacity**	India AI Mission	• This initiative includes the establishment of a state-of-the-art AI compute infrastructure featuring 18,000+ GPUs, built through public-private partnerships.	IndiaAI Compute Capacity
15	**Accelerated Translational Grant for Commercialisation (ATGC)**	Biotechnology Industry Research Assistance Council (BIRAC)	• Late-stage validation of established Proof of Concept through translational research opportunities	ATGC
16	**IndiaAI Innovation Centre**	India AI Mission	• The Innovation Centre will undertake the development and deployment of foundational models, with a specific focus on indigenous Large Multimodal Models and domain-specific foundational models	IndiaAI Innovation Centre
17	**Deep Tech Reactor**	Atal Innovation Mission (AIM), NITI Aayog	• A research sandbox for testing ways of commercialising research-based deep tech startups	AIM 2.0

Sl. No.	Name of Fund	Organisation	Description	Link
18	**Technology Adoption Fund by IN-SPACe**	IN-SPACe	• The Technology Adoption Fund (TAF), a funding scheme designed to promote innovation and drive the commercialisation of cutting-edge technologies in the space sector has been instituted with a total funding of INR 500cr. Wherein, partial funding will be offered to the NGEi to work towards transforming early-stage techno-logies (TRL-3/4) into commercially viable product (TRL-8/9).	IN-SPACe
19	**IN-SPACe Seed Fund Scheme**	IN-SPACe	• IN-SPACe in its endeavour to develop private space ecosystem in the country has devised a novel seed fund scheme aimed at promoting space technology usage for the benefit of the common man.	IN-SPACe Seed Fund Scheme
20	**INSPIRE - MANAK**	National Innovation Foundation	• The INSPIRE – MANAK (Million Minds Augmenting National Aspiration and Knowledge) is one of the flagship schemes of Department of Science and Technology (DST), Govt. of India for nurturing ideas and innovations of school students and motivate them to pursue science and a career in research, jointly implemented by DST and the National Innovation Foundation (NIF)	INSPIRE - MANAK - National Innovation Founda-tion-India
21	**Acing Development of Innovative Technologies with iDEX**	iDEX	• A Scheme under iDEX for Promoting Innovations in critical and Strategic Defence Technologies	Aditi Scheme IDEX
22	**Design-linked Scheme**	Ministry of Electronics & IT	• Ministry of Electronics and Information technology has announced the Design Linked Incentive (DLI) Scheme to offset the disabilities in the domestic industry involved in semiconductor design to not only move up in value-chain but also strengthen the semiconductor chip design ecosystem in the country.	Design Linked Incentive Scheme

Sl. No.	Name of Fund	Organisation	Description	Link
23	**CHUNAUTI - Challenge Hunt Under NGIS for Advanced Uninhibited Technology Intervention**	Government of India	• The challenge invites the proposals/applications from Indian Start-ups who are working in domain related to software product development.	CHUNAUTI
24	**Multiplier Grants Scheme**	Ministry of Electronics & Information Technology	• Encourages collaborative R&D between industry and academics/R&D institutions for development of products and packages and bridge the gap between R&D and commercialisation	Multiplier Grants Scheme
25	**Technology Development Fund (TDF) Scheme**	DRDO	• The idea is mainly to promote Micro, small, Medium Enterprises (MSME) including Star-Ups to develop innovative products for our forces.	DRDO, Ministry of Defence, Government of India
26	**Compound Semiconductor & ATMP**	Ministry of Electronics & IT	• The Scheme for setting up of Compound Semiconductors / Silicon Photonics / Sensors (including MEMS) Fabs / Discrete Semiconductors Fab and Semi-conductor ATMP / OSAT facilities in India shall extend fiscal support of 50% of capital expenditure to Compound Semiconductors / Silicon Photonics / Sensors (including MEMS) Fabs and Semiconductor Packaging (ATMP / OSAT) units.	Compound Semicon-ductor Scheme | ISM
27	**Defence India Startup Challenges (DISC)**	Innovation for Defence Excellence (iDEX)	• Focus on building prototypes of products/technologies relevant for national security	DISC
28	**Software Product Development Fund**	Ministry of Electronics and Information Technology (MeitY)	• Scaling up of market ready Software Products.	Software Product Development Fund

Sl. No.	Name of Fund	Organisation	Description	Link
29	**Support for Prototype and Research Kickstart (SPARK) Grant**	Innovation for Defence Excellence (iDEX)	• Focus on building prototypes of products/technologies relevant for national security	SPARK
30	**Pre-seed Deep Tech accelerator fund**	NSRCEL and SIDBI	• The innovation and entrepreneurs-hip hub of IIM Bangalore – NSRCEL and the Small Industries Development Bank of India (SIDBI) have collaborated to establish a pre-seed fund, specifically for start-ups in the Deep Tech and emerging businesses areas.	Pre-seed Deep Tech accelerator fund | IIM Bangalore
31	**TIDCO's Emerging Sectors Policy & Guidance Cell**	Tamil Nadu Industrial Development Corporation (TIDCO)	• Supports sunrise sectors such as aerospace, semiconductors, and advanced manufacturing, offering infrastructure and policy incentives to tech-intensive startups.	TIDCO
32	**Early Translation Accelerators (ETAs)**	Biotechnology Industry Research Assistance Council (BIRAC)	• Focus on Incubators and Institutes to advance translational efforts in establishing proof-of concept and validation of academic research.	ETA
33	**TIDE 2.0 Scheme (Technology Incubation and Development of Entrepre-neurs)**	Ministry of Electronics and Information Technology (MeitY)	• Implemented in Tamil Nadu through partner institutions, supporting early-stage ICT and electronics startups with financial assistance and mentorship.	TIDE 2.0
34	**Atal New India Challenge 2.0**	Niti Aayog	• The programme aims to seek, select, support and nurture technology-based innovations that solve sectoral challenges of national importance and societal relevance. Supports the selected start-ups through to the commercialisation stage over a course of 12–18 months by funding up to INR 1 Cr and other associated support	Atal New India Challenge 2.0

Sl. No.	Name of Fund	Organisation	Description	Link
35	**Innovation Voucher Programme**	Entrepreneurship Development and Innovation Institute, Government of Tamil Nadu	• Innovation Voucher Programme is the Tamil Nadu Government's flagship grant-in-aid scheme for supporting Start-ups and MSMEs	Innovation Voucher Programme
36	**Tamil Nadu Artificial Intelligence Mission (TNAIM)**	Tamil Nadu e-governance Agency, ELCOT, iTNT, ICT Academy	• Designed to strengthen AI R&D, facilitate responsible AI adoption across sectors, and support AI-focused startups with datasets, computing infrastructure, and sandbox environments.	TNAIM
37	**SPIC – Research Innovation Grant**	Southern Petrochemical Industries Corporation (SPIC)	• Tamil Nadu's public sector undertakings are engaging startups through innovation-driven funding, supporting research projects in agritech, sustainability, and industrial innovation.	Start-up Research Grant | India Science, Technology & Innovation - ISTI Portal
38	**'Digital Accelerator' scheme**	Industries, Investment Promotion and Commerce Department, Government of Tamil Nadu	• Under the 'Digital Accelerator' scheme under Yaadhum Oorae with American Tamil Entrepreneurs Association (ATEA) to promote start-ups investing from the US in TN. It is proposed that a grant of 10% of capital raised may be provided towards operational and capital expenditure, up to INR 1 cr per start-up.	Tamil Nadu Research and Development (R&D) Policy 2022
39	**Tamil Nadu Emerging Sector Seed Fund (TNESSF)**	Tamil Nadu Infrastructure Fund Management Corporation (TNIFMC)	• Investing in both start-ups and (non-start-up) undertakings in the sunrise/emerging sectors	Emerging Funds – TNIFMC Tamil Nadu Research and Development (R&D) Policy 2022
40	**Research and Technology Fund**	Tamil Nadu Industrial Policy	• To support R&D and Technology adoption in sunrise sectors.	Industrial Policy

Sl. No.	Name of Fund	Organisation	Description	Link
41	**Biotechnology Innovation Fund AcE**	BIRAC	• BIRAC's AcE Fund aims to foster R&D and innovation by encouraging VC investment for biotech Startups & SMEs through its AIFs daughter funds (AcE Fund Partners)	BIRAC
42	**Biotechnology Ignition Grant (BIG)**	BIRAC	• BIG is flagship programme of BIRAC, which provides the right admixture of fuel and support to young startups and entrepreneurial individuals. BIG is the largest early-stage biotech funding programme in India. Funding grant of up to INR 5 million (USD 70,000 approx.) to best-in-class innovative ideas to build and refine idea to proof-of-concept.	BIRAC
43	**Startup India Fund of Fund Scheme**	Startup India	• Startup India Seed Fund Scheme (SISFS) aims to provide financial assistance to startups for proof of concept, prototype development, product trials, market entry and commercialisation.	SISFS
44	**SEED fund**	Biotechnology Industry Research Assistance Council (BIRAC)	• Seed fund for Incubators to focus on post proof-of-concept startups	SEED Fund
45	**Regulatory Sandbox exercise**	Reserve Bank of India	• A comprehensive framework highlighting the clear principles and role of the proposed RS, including the reasons for setting up the RS and the expectations of the RBI	Reserve Bank of India I Regulatory Sandbox
46	**Certification Scheme for Unmanned Aircraft Systems**	DGCA	• QCI has been authorised by DGCA to develop and operate a Certification scheme for UAS as per the applicable rules, regulations and procedures from time to time.	NTH | Certification Of UAS (Drones)

Sl. No.	Name of Fund	Organisation	Description	Link
47	**Digital India BHASHINI**	Ministry of Electronics & IT	• Largest AI Platform enabling voice first multilingual applications	Bhashini
48	**Digital India GENESIS (Gen- Next Support for Innovative Startups)**	MeitY	• Aim to boost the startup ecosystem in Tier-II & Tier-III cities in the country, the 'Gen-Next Support for Innovative Startups (GENESIS)' Scheme has a budgetary outlay of INR 490 crore for a duration of 5 years.	Meity StartupHub
49	**Industry Innovation Programme on Medical Electronics (IIPME)**	Ministry of Electronics and Information Technology (MeitY) and Biotechnology Industry Research Assistance Council (BIRAC)	• Establishing proof of concept. Scaling to early prototyping and validation. Late-stage validation.	IIPME
50	**SpaceTech Innovation Network (SpIN)**	Social Alpha	• A nonprofit startup incubator that funds and supports deep tech ventures in healthcare, agritech, and sustainability. • Social Alpha has collaborated with ISRO for the SpaceTech Innovation Network (SpIN) to support space-tech startups.	SpaceTech Innovation Network (SpIN)
51	**Tata Trusts and Tata Centre for Technology and Design (TCTD)**	Tata Trusts	• Supports deep tech research and commercialisation, particularly in healthcare, clean energy, and manufacturing	Tata Centre for Technology and Design - Tata Trusts
52	**Liftoff**	Wadhwani Foundation	• Runs entrepreneurship programmes supporting AI, robotics, and industrial automation startups.	Liftoff by Wadhwani Foundation

Sl. No.	Name of Fund	Organisation	Description	Link
53	**Catamaran**	-	• Invests in deep tech startups in AI, IoT, and semiconductor design.	Catamaran
54	**Reliance JioGenNext**	Reliance	• Offers mentorship and funding for AI, blockchain, and deep tech startups.	JioGenNext
55	**Google for Startups Accelerator India**	Google	• Provides deep tech startups with mentorship, technical support, and funding.	Google for Startups Accelerator
56	**Cisco LaunchPad**	Cisco	• A deep tech accelerator focusing on networking, IoT, cybersecurity, and AI-driven startups	Cisco for Startups
57	**Tamil Nadu Startup and Innovation Policy 2023**	Department of MSME, Government of Tamil Nadu	• Tamil Nadu Startup Seed Grant Fund (TANSEED) provides early-stage startups with equity-linked grants to bridge initial financing gaps. • Tamil Nadu Startup Seed Grant Fund (TNSSGF) of INR 50 crore. • CSR-based funding will be targeted to promote corporate and private Incubators.	TN Startup and Innovation Policy 2023
58	**Tamil Nadu Startup Fund of Funds**	Department of MSME, Government of Tamil Nadu	• The State will set up Tamil Nadu Startup Fund of Funds of INR 250 cr to be managed by a professional financial agency such as SIDBI.	TN Startup and Innovation Policy 2023
59	**TANSCALE**	Department of MSME, Government of Tamil Nadu	• According to the Government Order G.O.(Ms.) No. 49, MSME Department, dated 18.06.2020, GoTN can make investments of up to INR 50 lakh in association with private investment agencies.	TN Startup and Innovation Policy 2023

Sl. No.	Name of Fund	Organisation	Description	Link
			• Each year, 10 growth-stage Startups will benefit through this scheme. Investments of up to INR 50 lakh will be made for the same equity agreed upon by the co-investment partner. • A maximum budget of INR 5 cr per year will be allotted for this initiative. Reinvesting in more Startups can befacilitated by successful exits.	
60	**Tamil Nadu Startup and Innovation Policy 2023 – Fund of Funds**	Department of MSME, Government of Tamil Nadu	• The Tamil Nadu Government will create an INR 100 cr Fund of Funds, called the Tamil Nadu Co-creation Fund, for investing in regional and thematic funds. • The Fund, to be managed by respective investors and coordinated by StartupTN, • The Government of Tamil Nadu will contribute 40% (with a ceiling of INR 10 cr) in Regional, Rural Impact, Women and Climate Action-focused funds and 20% (with a ceiling of INR 5 cr) in other thematic funds promoted by the private sector. • The fund size should be INR 20 cr and above in case of a new fund. The government will bear 75% and 50% of the fund setup costs, respectively, for the above-mentioned categories. The operations will be managed by the fund promoters.	TN Startup and Innovation Policy 2023
61	**Tamil Nadu Research and Development (R&D) Policy 2022**	Industries, Investment Promotion and Commerce Department Government of Tamil Nadu	• Special Package of Incentives for R&D Centres and GCCs including land cost incentive for standalone R&D projects, R&D training incentive, quality certification incentive, IP incentive, special capital incentive, innovation lab incentive, product testing & prototyping incentive etc.	Tamil Nadu Research and Development (R&D) Policy 2022

Sl. No.	Name of Fund	Organisation	Description	Link
			• TANSEED will support early-stage financing requirements of the Start-ups in the form of grants to fill the gap in fund requirements for research & innovations.	
62	**Tamil Nadu Data Centre Policy 2021**	IT Department, Government of Tamil Nadu	• Incentives like land cost subsidy, power incentives and stamp duty concessions	Tamil Nadu Data Centre Policy 2021
63	**Tamil Nadu Industrial Policy 2021**	Industries Department, Government of Tamil Nadu	• Provide incentives to R&D Projects in the State to further the development of intellectual property and adoption of technology in industries including land cost incentive, training, IP, quality certification, etc. A research and technology fund with a corpus of INR 100 cr to support R&D in sunrise sectors proposed	Tamil Nadu Industrial Policy 2021
64	**Digital Accelerator under Yaadhum Oorae**	American Tamil Entrepreneurs Association (ATEA)	• To promote startups investing from USA in Tamil Nadu from various fields such as IT/Healthcare/EV/ emerging areas on IoT, AI, Cloud Computing /SDGs. It is proposed that a grant of 10% of capital raised may be provided towards operational and capital expenditure, up to INR 1 cr. per startup.	Yadhum Oorae
65	**Innovation Grants & Seed Capital Investments for Hardware Products & Ventures**	Industries, Investment Promotion and Commerce Department	• Emerging sector funds, matching capital grants	Electronics & Hardware Policy (2021)
66	**MSME Innovative Scheme**	Ministry of MSME, Government of India	• Up to INR 15L for innovative MSME projects	MSME Innovative Scheme

Sl. No.	Name of Fund	Organisation	Description	Link
67	**NIDHI-PRAYAS**	Department of Science & Technology (DST)	• INR 10L prototyping grant	NIDHI-PRAYAS
68	**Rashtriya Krishi Vikas Yojana (RAFTAAR)**	Ministry of Agriculture & Family Welfare	• Grants for agri-tech startups	Rashtriya Krishi Vikas Yojana
69	**Smart India Hackathon (SIH)**	Ministry of Education, Government of India	• Innovation grants for student and professional teams	Smart India Hackathon
70	**Credit Guarantee Fund (CGTMSE)**	Ministry of MSME, Government of India	• Collateral free loans up to INR 2 Cr for MSMEs	Credit Guarantee Fund
71	**STPI Grant**	Ministry of Electronics & IT, Government of India	• Incubation and funding for IT & ESDM startups	STPI Grant
72	**SAMRIDH Scheme**	Ministry of Electronics & IT, Government of India	• Up to INR 40 lakh for product development and scaling	SAMRIDH Scheme
73	**SIP-EIT**	Ministry of Electronics & IT, Government of India	• Patent filing support for electronics & IT startups	SIP-EIT
74	**ASPIRE Scheme**	Ministry of MSME, Government of India	• Promotes rural innovation and livelihood-based entrepreneurship	ASPIRE Scheme
75	**CLCSS**	Ministry of MSME, Government of India	• 15% capital subsidy for tech upgradation for MSMEs	CLCSS

Sl. No.	Name of Fund	Organisation	Description	Link
76	**Dairy Processing Infrastructure Development Fund (DIDF)**	Department of Animal Husbandry and Dairying, Government of India	• Grants for dairy processing units and supply chain infrastructure	DIDF
77	**MGIRI Grants**	Ministry of MSME, Government of India	• Grants for startups focussed on village & industries	MGIRI
78	**NIDHI-EIR**	Ministry of Science & Technology, Government of India	• Fellowship support for early-stage entrepreneurs	NIDHI-EIR
79	**NSIC Subsidy**	Ministry of MSME, Government of India	• Marketing, finance and tech support for MSMEs	NSIC

B. Infrastructure Facilities

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
1	Defence Industrial Corridor (TNDIC)	Aerospace & Defence	Chennai, Coimbatore, Salem, Tiruchirappalli, and Hosur.	Government of India, Tamil Nadu Govt	A corridor to promote defence and aerospace manufacturing, spanning Chennai, Coimbatore, Salem, Tiruchirappalli, and Hosur.	https://tndefencecorridor.in/
2	TIDCO's Aerospace Park	Aerospace & Defence	Sriperumbudur	Tamil Nadu Industrial Development Corporation (TIDCO)	A dedicated aerospace and defence manufacturing ecosystem in Sriperumbudur, Chennai.	https://www.tidco.com/aerospacepark.php
3	Tamil Nadu Electronics Manufacturing Cluster (EMC)	Electronics & Semiconductors	Chennai and Hosur	Tamil Nadu Govt, SIPCOT	Supports semiconductor, PCB, and chip packaging industries in Chennai and Hosur.	
4	National Supercomputing Mission (IIT Madras, NIT Trichy)	AI/ML & Data Science	Chennai and Trichy	Ministry of Electronics & Information Technology (MeitY), C-DAC	High-performance computing clusters under India's National Supercomputing Mission.	National Supercomputitng Mission (IIT Madras, NIT Trichy)
5	Centre for Quantum Information, Communication, and Computing (IIT Madras)	Quantum	Chennai	IIT Madras	Research centre focused on quantum computing, cryptography, and communications.	Centre for Quantum Information, Communication, and Computing (IIT Madras)

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
6	**Tamil Nadu EV Cluster**	Automobile, Auto Parts & EV	Hosur, Coimbatore, Chennai	Tamil Nadu Govt, Private EV firms	A major EV manufacturing hub, home to Ather, Ola Electric, TVS, and battery innovators.	
7	**Bio-Tech Research Park**	Healthcare	Coimbatore	TIDCO	A biotech innovation hub supporting pharmaceutical and genomic research.	TIDCO Bio Tech Research Park
8	**MedTech Zone**	Healthcare	Chennai	SIPCOT	A dedicated manufacturing hub for medical devices and healthcare technology.	SIPCOT
9	**National Institute of Ocean Technology**	Earth Sciences	Chennai	Ministry of Earth Sciences	Specialises in ocean research, deep-sea mining, and marine technology, including the Samudrayaan deep-sea submersible.	NIOT
10	**ISRO spaceport in Kulasekarapattinam, Tamil Nadu**	Aerospace & Defence	Kulasekarapattinam	ISRO	Second spaceport for India, dedicated to Small Satellite Launch Vehicles (SSLVs). Tiruchirappalli, and Hosur.	

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
11	**CSIR-CECRI**	Energy Storage, Batteries	Karaikudi	Council of Scientific and Industrial Research	Leading research in electrochemical and energy storage technologies.	CECRI
12	**HAL's Avionics Division**	Aerospace & Defence	Avadi, Chennai	HAL	Works on advanced avionics systems for aircraft, drones, and defence applications.	HAL – Hindustan Aeronautics Limited
13	**IIT Madras' Robert Bosch Centre for Data Science & AI (RBCDSAI)**	AI/ML & Data Science	Chennai	IIT Madras & Bosch	A leading research centre supporting AI startups.	Robert Bosch Centre for Data Science and Artificial Intelligence
14	**Automotive Research Association of India (ARAI)**	Automotive, Auto Parts and EV	Pune	Government of India	Leading automotive R&D organisation of the country set up by the Automotive Industry with the Government of India.	ARAI
15	**Global Automotive Research Centre (GARC)**	Automotive, Auto Parts and EV	Chennai	Ministry of Heavy Industries and PE, Govt. of India	Full-fledged R&D and Homologation Test Facilities including the Test Tracks to certify all category of vehicles, systems and components as per national and international standards.	GARC

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
16	**IITM Pravartak Technologies Foundation**	AI/ML, Quantum & Data Science	Chennai	IITM & DST, Government of India	A deep tech incubator supporting quantum computing, AI, and cybersecurity startups.	IITM Pravartak
17	**Tamil Nadu's Semiconductor Manufacturing Plan**	Electronics & Semiconductors	-	-	Tamil Nadu is developing a semiconductor fabrication ecosystem, with major investments expected in Coimbatore and Hosur.	
18	**BIRAC-supported BioNEST at IIT Madras**	Healthcare & Biotechnology	Chennai	IITM & BIRAC	A biotech incubator offering lab facilities for startups working on healthcare, agritech, and synthetic biology	BIRAC-BioNEST
19	**TICEL Bio Park**	Healthcare & Biotechnology	Chennai & Coimbatore	TIDCO & TIDEL Park	High-end biotech research facilities for startups in pharma, medical devices, and synthetic biology.	Coworking Space in Coimbatore | Ticel Bio Park
20	**Young Scientist Labs**	Aerospace & Defence	Chennai	DRDO	Supports deep tech innovation in defence technology.	DRDO Young Scientist Laboratory (DYSL-AT)

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
21	**Defence Industrial Corridor**	Aerospace & Defence	Hosur, Salem, Coimbatore, Trichy, Chennai	TIDCO	Offers facilities for deep tech startups working in defence and aerospace manufacturing.	Tamil Nadu Defence Industrial Corridor
22	**Hi-Tech Corridor**	Advanced Manufacturing	Chennai, Sriperumbudur, Hosur and Coimbatore	Tamil Nadu Research and Development (R&D) Policy 2022	A dedicated Hi-Tech Corridor shall be dovetailed in the industrial corridors with the Innovation Clusters as nodes. This will enhance the coordination among various nodes comprising industries, universities, and research institutes engaged in manufacturing and R&D.	Tamil Nadu R&D policy 2022
23	**Centres of Excellence for Emerging Technologies in Manufacturing**	Advanced Manufacturing	-	TIDCO (proposed under Aerospace & Defence Industrial Policy 2022)	Designing, product development, prototyping, manufacturing, skill development, and R&D activities to help industries adopt future technologies	Tamilnadu Defence Industrial Corridor

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
24	Centre of Excellence in Emerging Technologies (CEET)	-	-	TNeGA	TNeGA has established Centre of Excellence in Emerging Technologies (CEET), with the vision to bridge the knowledge gap between development and application of emerging technologies in Government Departments.	Tamil Nadu e-Gover-nance Agency
25	Data Centre Parks	-	-	Tamil Nadu Data Centre Policy 2021	Establish dedicated Data Centre parks with unique infrastructural requirements.	Tamil Nadu Data Centre Poli-cy-2021
26	Industrial innovation centres in SIPCOT	-	Chennai and Hosur	SIPCOT (TN Industrial Policy 2021)	SIPCOT proposed establishing Industrial Innovation Centres at the Sriperumbu-dur & Hosur Industrial Parks.	Tamil Nadu Industrial Policy 2021
27	Research park – Replicating IITM RP model	-	-	-	The State proposed to identify suitable land parcels for the development of Research Parks.	Tamil Nadu R&D poli-cy-2022

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
28	**Mega & Mini Electropre-neur Centres**	Electronics & Semicon-ductors	-	ELCOT (Electronics & Hardware Policy (2021))	Established in the form of a Centre of Excellence for Hardware Products & Ventures to facilitate easy access and to make it practical to build a robust ecosystem for start-ups and entrepreneurs.	Tamil Nadu Electronics & Hardware Policy 2021
29	**EV Park, Future Mobility Park**	Automobile, Auto Compo-nents & EV	Krishnagiri	-	The Park shall provide innovative solutions for sustainable transport using advanced data science, artificial intelligence, and future engineering with supporting research centres for greener and cleaner transport systems.	TN EV Policy 2023
30	**Fintech City, FinBlue CoE**	Banking & Finance	Chennai	MeitY & STPI	FinBlue - a Centre of Excellence for FinTech in Chennai in 2019.	TN Fintech Policy 2021

Sl. No.	Infrastructure	Sector	Location	Organisation	Brief Description	Link
31	Fintech City	Banking & Finance	Chennai	TIDCO (proposed)	The FinTech City will develop as the fulcrum of financial services - driven by next-generation technologies in Tamil Nadu	Fintech City
32	SFDB, Open data portal	-	-	-	Creating an inter-depart-ment data exchange platform, including creation of the State Family Database (SFDB)	TN Data Policy 2022

Annexure 2 - Sub-national approaches

Switzerland – Canton-Level Innovation Ecosystems[23]: In Switzerland, cantonal governments work in close coordination with national agencies to create strong regional innovation ecosystems. For example, the Canton of Vaud collaborates with EPFL to provide infrastructure, funding, and support for deep tech startups emerging from academic research. Zurich's Innovation Park brings together ETH Zurich, businesses, and investors to support product development and commercialisation. These efforts align with federal support mechanisms such as Innosuisse, which offers grants, mentorship, and training to science-based entrepreneurs.

United Kingdom – Local Innovation Zones and Catapult Centres[24]: The United Kingdom supports regional technology development through a structured approach involving universities, local authorities, and national funding bodies. Cambridge's innovation ecosystem, known as Silicon Fen, has been built around the University of Cambridge and supported by both public and private investment. The Northern Powerhouse initiative in cities such as Manchester and Leeds focus on sectors like healthtech and advanced manufacturing. Additionally, national Catapult Centres provide specialised research infrastructure and technical assistance to regional startups, enabling industry-academia collaboration.

Germany – State-Level Co-Investment in Deep Tech[25]: Germany combines federal and state-level support to promote the growth of deep tech industries. Bavaria's Hightech Agenda Bayern has committed over €3 billion toward advanced research areas such as supercomputing, quantum technologies, and AI, by supporting university positions, startups, and R&D labs. Similarly, Saxony's "Silicon Saxony" cluster in Dresden supports the microelectronics sector through partnerships between local universities, research centres like Fraunhofer, and private companies. These initiatives are supported through joint planning between state and federal innovation agencies.

France – Regional Chapters of La French Tech[26] : France follows a nationally guided, locally implemented model through the La French Tech initiative. Regional capitals such as Paris, Toulouse, and Lyon function as French Tech Capitals, offering region-specific programmes for startup funding, incubation, and internationalisation. Toulouse focuses on aerospace and space technologies, supported by collaborations with Airbus and CNES. Paris-Saclay has emerged as a centre for quantum and AI research, supported by elite academic institutions and access to EU-level funding. These regional ecosystems complement national goals and enhance France's global innovation competitiveness.

[23] Swiss Innovation Park. https://www.swissinnovation.ch , Deep Tech Nation Switzerland. https://deeptechnation.ch

[24] University of Cambridge. https://www.cam.ac.uk , Catapult Network. https://catapult.org.uk

[25] Bavarian State Government - Official Portal of the Free State of Bavaria https://www.bayern.de , Silicon Saxony. https://www.silicon-saxony.de

[26] La French Tech https://lafrenchtech.com , Paris-Saclay https://www.paris-saclay.com

Singapore – Innovation Districts with Government Support[27]: Singapore, while centrally governed, has designated specific innovation districts that act as integrated zones for deep tech development. One-north is a leading example, bringing together universities, hospitals, R&D centres, and multinational companies in sectors like biotech, medtech, and AI. The district is supported by infrastructure developers like JTC Corporation and programmes from Enterprise Singapore. These initiatives are aligned with national policies under the Smart Nation framework and contribute to the city-state's global standing in innovation.

Israel – Regional Hubs with National Integration[28]: In Israel, while national policy and funding are central, key cities and regions play a strategic role in deep tech development. Tel Aviv, Haifa, and Be'er Sheva are home to sectoral clusters focusing on cybersecurity, robotics, and medical technology. Be'er Sheva, for example, hosts the CyberSpark Innovation Hub, which connects Ben-Gurion University with industry and government bodies. Haifa leverages the Technion – Israel Institute of Technology to support early-stage startups in deep tech. These city-based efforts are supported by the Israel Innovation Authority and demonstrate how regional specialisation enhances national innovation goals.

[27] Smart Nation Singapore. https://www.smartnation.gov.sg , Enterprise Singapore https://www.enterprisesg.gov.sg

[28] Innovation Israel https://innovationisrael.org.il/en , CyberSpark - The Israeli Cyber Innovation Arena https://cyberspark.org.il/

Annexure 3 - Policy Incentives Overview with similar benchmarks

Sl. No.	Policy Priority	Policy Intervention	Incentive Details	Similar benchmarks (Nationally and Globally)
01	**Research & Development Support**	Deep Tech R&D Grants (TRL ≤ 4)	(i) **TRL 1-3:** Reimbursement of approved lab research expenses (government or academic labs) up to **INR 10 lakh per year.** (ii) **TRL 4:** Reimbursement of lab validation and sandbox pilot expenses up to **INR 10 lakh per year.** Priority consideration shall be given to applications submitted in partnership with corporate collaborators.	*The SBIR programme is a multi-phase initiative aimed at advancing low TRL research to higher TRL development for NASA missions and commercialisation. Funding typically ends at Phase II, aligning with TRLs 3-5*[29]*.*
02	**Research & Development Support**	IP creation & Commercialisation Assistance	(i) Financial assistance is provided to cover patent filing fees, legal expenses, and IP consultancy costs. Reimbursement of up to **INR 10 lakh** per deep tech startup for domestic and international patent filings. (ii) **IP Commercialisation Grants** for startups developing patent-backed deep tech solutions through an IP marketplace shall be facilitated by iTNT Technology Transfer Office.	*Telangana reimburses patent costs up to INR 2 lakh per Indian patent and INR 10 lakh per foreign patent* *The central SIP-EIT scheme offers up to INR 15 lakh or 50% of expenses for international patents Technology Development Board reimburses up to 50% of patent filing costs for domestic and international patents, based on the technology development project.*[30]

[29]Small Business Innovation Research (SBIR) Program. NASA. https://www.nasa.gov/directorates/somd/space-communications-navigation-program/sbir/#:~:text=The%20SBIR%20program%20is%20multi%2Dphase%20with%20a,infusion%20into%20NASA%20missions%20and%20potential%20commercialization

[30]Technology Development Board. Modes of funding. https://tdb.gov.in/modes-funding

Sl. No.	Policy Priority	Policy Intervention	Incentive Details	Similar benchmarks (Nationally and Globally)
03	**Funding & Investment Acceleration**	TRL-Based Commercialisation . Support (TRL 5-7) and Scale-Up Funding (TRL ≥ 7)	(i) **TRL 5-6:** Grants up to INR 50 lakhs per startup to support pilot-scale deployment and pre-market product validation with funding tied to performance milestones. (ii) **TRL (5-7) Convertible Seed Instruments** in the form of convertible debt for deep tech startups, which can later convert to equity. Offered to startups that have not yet raised significant equity. Conversion to equity is tied to future valuation milestones. (iii) **TRL 7:** A **one-time product commercialisation grant of INR 1 – 5 cr** per startup once the innovation is proven and ready to scale.	*Israel's seed programme co-invests 50% of rounds up to NIS 5 million (INR 10–12 Cr) Accelerated Translational Grant for Commercialisation (ATGC): This grant, offered by DBT India, provides funding in instalments against agreed milestones, with projects aimed for "Go or No Go" decisions at the end of 24 months.*
04	**Funding & Investment Acceleration**	Performance-Linked Micro-Fund Support for Incubators	(i) **Annual grants of up to INR 10 lakh** per incubator per year to recognised incubators and accelerators that demonstrate measurable success in supporting deep tech commercialisation.	-
05	**Funding & Investment Acceleration**	Facilitating Corporate Participation and Investment in Deep Tech	(i) An additional capital subsidy of up to **1% (subject to a maximum of INR 5 Cr per company)** under the TN Industrial Policy 2021 shall be granted to companies that are already eligible for capital subsidy and extend structured support to deep tech startups accredited under the TNDSTP. The extent of additional subsidy shall be determined based on the level of compliance with the following activities:	*Digital India GENESIS, a programme under the MeitY, aims to discover, support, grow, and make successful startups in Tier-II and Tier-III cities, focusing on collaborative engagement between startups, government, and corporates[31].*

Sl. No.	Policy Priority	Policy Intervention	Incentive Details	Similar benchmarks (Nationally and Globally)
			a) **Procurement:** Placement of cumulative orders with TNDSTP-approved deep tech startups, starting from **INR 2 Cr,** with enhanced benefit for orders exceeding **INR 5 Cr.** b) **Sandbox/Test Environment:** Offering of sandbox or test-bed facilities that are utilised by at least two deep tech startups per year for validating their solutions using the company's infrastructure or data. c) **Incubation Programme:** Establishment of an in-house incubator or accelerator programme supporting a minimum of five deep tech startups through mentorship, workspace, or seed funding. d) **Fund Investment:** Investment of a minimum corpus of **INR 50 lakh** in deep tech startups or accredited deep tech-focused funds, with enhanced benefit for contributions of **INR 1 Cr** or more. Companies undertaking any one of the above activities shall be eligible for up to **0.5% additional subsidy,** those undertaking two activities or exceeding higher thresholds in a single activity shall be eligible for up to **0.75% subsidy**, and those undertaking three or more activities shall be eligible for the **full 1% subsidy.**	

[31]Ministry of Electronics and Information Technology. GENESIS - Gen-Next Support for Innovative Startups. https://msh.meity.gov.in/schemes/genesis

Sl. No.	Policy Priority	Policy Intervention	Incentive Details	Similar benchmarks (Nationally and Globally)
06	**Infrastructure & Ecosystem Development**	Deep Tech Research and Cluster-specific parks	(i) A voucher-based system based on MoUs to allow deep tech startups to access existing shared infrastructure. Through this system, startups can access approved shared labs, equipment, and other necessary resources at minimal cost. (ii) **50% rental subsidy** for deep tech startups on office or lab space within government -supported deep tech parks or incubator facilities	*AIM supports startups by providing access to incubation centres at offers 50%-70% rent subsidies Singapore's government offers rental subsidies through the Startup SG Tech initiative. This initiative can cover up to 80% of rental costs for startups in co-working spaces, especially those developing innovative technologies. Kerala Startup Mission (KSUM) offers rent subsidy scheme to startups up to a maximum of 50% or Rs.20/sq. ft*
07	**Innovation Workforce & Knowledge Alliances**	Deep Tech Talent Development & Early Research Engagement	(i) **Talent Development Grant:** Grants to support deep tech skill development within startups and educational institutions. An annual **skilling corpus of INR 10 cr** to provide grants for recognised deep tech startups or affiliated training institute to fund specialised training programmes, certifications, or workshops for its employees/students (travel and lodging expenses excluded) or facilitate Deep Tech skilling programs.	*SGInnovate[32] in Singapore co-funds 70% of stipend costs for trainees in deep tech startups* *The European Institute of Innovation & Technology - enhancing or expanding deep tech training programmes. The Initiative has allocated maximum funding of up to €1 million[33]*

Sl. No.	Policy Priority	Policy Intervention	Incentive Details	Similar benchmarks (Nationally and Globally)
08	**Innovation Workforce & Knowledge Alliances**	Doctoral Fellowships & Research Alliances	(i) Research–Entrepreneur Fellowship (REF): Qualified researchers or PhD graduates who start a deep tech company (based on their research IP) receive a personal research grant to continue R&D while building the venture. INR 25 lakh grant per recipient, disbursed over 1–2 years, to support salaries and R&D costs as the researcher transitions into an entrepreneur. The startup must be based on proprietary technology developed by the fellow and have a clear commercialisation plan. (ii) Expatriate Collaboration Incentive: This supports collaborative R&D where an overseas expert partners with a startup or Deep Tech Infrastructure/Lab facility in Tamil Nadu. Up to INR 50 lakh grant for a deep tech project that involves a qualified international researcher (NRI or foreign expert) collaborating with a Tamil Nadu startup or research institution. Funds can cover the expert's travel and consulting fees, as well as joint research costs. international researcher (NRI or foreign expert) collaborating with a Tamil Nadu startup or research institution. Funds can cover the expert's travel and consulting fees, as well as joint research costs.	*India's PM Research Fellowship provides INR 70–80k per month + INR 2 lakh/year research grant (INR 12 lakh/-year)* *India has initiatives like the VAJRA programme to attract overseas scientists with competitive grants, and bilateral R&D funds (e.g., Singapore[34] –Australia 2+2 Programme) provide around SGD 250k (~INR 1.5 cr) for joint projects*

[32] SGInnovate. https://www.sginnovate.com

[33] European Institute of Innovation & Technology. EIT Deep Tech Talent Initiative - Call for Training Proposals 2025. https://www.eitdeeptechtalent.eu/calls-and-opportunities/eit-deep-tech-talent-initiative-call-for-training-proposals-2025/

[34] A*STAR. Agency for Science, Technology and Research. https://www.a-star.edu.sg

Sl. No.	Policy Priority	Policy Intervention	Incentive Details	Similar benchmarks (Nationally and Globally)
09	**Innovation Workforce & Knowledge Alliances**	Mentorship and Exchange Programmes	(i) International Exchange Grants for participation in twin city collaborations, global accelerator programmes, and research exchange initiatives. Up to INR 10 lakh per startup or researcher for participation in international deep tech exchange programmes.	*Royal Society International Exchanges (United Kingdom) offers grants to UK-based scientists aiming to initiate new research collaborations with leading scientists worldwide.* *India-Israel Industrial R&D and Technological Innovation Fund (I4F) promotes joint industrial R&D projects, with grants ranging from $100,000 to $5 million, depending on the project type*
10	**Deep Tech Adoption & Market Expansion**	International Networking and events	(i) The state will support at least **10 deep tech startups** each year in international exposure – covering up to **50%** of the travel and exhibition costs (up to **INR 5 lakh per year**) for deep startups (who have filed for IP) selected to join official delegations or trade shows.	*Telangana reimburses 30% of international marketing costs up to INR 5 Lakh/year*

Annexure 4 - Policy Linkages

Draft National Deep Tech Startup Policy (NDTSP)

In July 2023, the Indian government introduced the **Draft National Deep Tech Startup Policy (NDTSP)**, aiming to create a conducive environment for deep tech startups. This policy is structured around four key pillars:

1. Economic Advancement: Leveraging deep tech to secure India's economic future.
2. Knowledge Economy: Transitioning towards a knowledge-driven economy.
3. National Capability: Enhancing national capability and sovereignty through initiatives like Atmanirbhar Bharat.
4. Ethical Innovation: Promoting ethical practices in technological advancements.

The NDTSP addresses challenges unique to deep tech startups, such as high capital requirements and extended R&D cycles, by proposing definitive policy interventions. It complements existing initiatives under Startup India, aiming to strengthen the deep tech ecosystem in India.

This policy is a collaborative effort between the Department for Promotion of Industry and Internal Trade and the Office of the Principal Scientific Adviser.

- **Long-term Funding Opportunities:** Creating mechanisms for sustained financial support to enable deep tech startups to thrive.
- **Intellectual Property Rights Regime:** Establishing a simplified yet robust framework to protect intellectual property, fostering innovation and confidence among startups.
- **Tax Incentives:** Providing tax benefits to incentivise investment in research and development within the deep tech sector.
- **Conducive Regulatory Framework:** Developing regulations that support and facilitate the growth of deep tech startups while ensuring compliance and safety.
- **Standards and Certifications:** Setting industry standards and certifications to ensure quality and reliability in deep tech products and services.
- **Talent Nurturing:** Investing in the development of skilled professionals and fostering a talent pool conducive to deep tech innovation.
- **Industry-Academia Collaboration:** Facilitating linkages between industry, research institutions, and educational establishments to promote knowledge exchange and collaboration.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
Tamil Nadu Industrial Policy 2021		
Research and Technology Fund: Corpus of INR 100 Cr to support R&D in sunrise sectors and technology adoption. **Innovation Centres:** Industrial Innovation Centres at Sriperumbudur & Hosur. **Research Parks:** University-affiliated Research Parks under the Industrial Ecosystem Fund. **R&D Training Incentive:** INR 10,000 per person per month for 12 months. **Enhanced Intellectual Property Incentive:** 50% reimbursement up to INR 1 Cr for patents, copyrights and trademarks. Land Cost Incentive for R&D Projects: 50% of the land cost for up to 20 acres.	**Innovation Centres:** Industrial Innovation Centres at SIPCOT Sriperumbudur & Hosur. **Industrial Parks:** Industrial Parks in 'B' & 'C' Category Districts. **Industrial Ecosystem Fund:** INR 500 Cr to support small infrastructure projects and ecosystem creation. **University Research Parks (URPs):** Affiliated with educational institutes for high-tech innovation. **Industrial Housing:** Accommodation and hostel facilities for employees near industrial areas. **Digital Accelerator under Yaadhum Oorae:** Promoting startups investing from the US in emerging areas. **Incentives:** Capital Subsidy: 15% for internal infrastructure in Industrial Parks. **Land Cost Incentive:** 50% of land cost in 'C' districts for industrial parks. **Industrial Housing Incentive:** 10% on cost of residential facilities in Industrial Parks. **SGST Refund on Capital Goods:** For startups and innovation hubs.	**Apex Skill Development Centres (ASDCs):** For Auto, Auto Components, Machine tools and Healthcare. **Skilling & Capacity Building:** Through TNSDC in collaboration with industry associations. **R&D Training Incentive:** INR 10,000 per person per month for core R&D employees for 12 months.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
Tamil Nadu Industrial Policy 2021			
Technology Transfer Offices (TTOs): In technical colleges for commercialization of research. **Industry 4.0 Platform:** Collaboration for Industry 4.0 solutions. **University Research Parks:** Affiliated with educational institutes for high-tech innovation. **Innovation Centres:** Collaboration between academia and industry. **Research Collaboration Grants:** For joint R&D initiatives. **Technology Transfer Support:** For commercialization of academic research. **Intellectual Property Incentive:** 50% reimbursement for collaborative research outputs	**Research and Technology Fund:** INR 100 Cr for private R&D activities. **Venture Capital Fund:** INR 500 Cr for sunrise sectors. **Digital Accelerator under Yaadhum Oorae:** 10% of capital raised as grants for startups investing from the US. **TANSEED:** Start-up Seed Grant Fund. **Emerging Sector Seed Fund (TNESSF):** For sunrise sectors and disruptive technologies.	**Global Startup Exchange Programme:** International exposure and market expansion. **Startup Procurement Assistance:** Public procurement facilitation for startups.	**Focusing High-Growth Sectors:** Including FinTech, AgriTech, CleanTech, HealthTech and Deep Tech. **Sunrise Sectors Special Incentives:** Aerospace, Defence, Electric Vehicles, Electronics Hardware Manufacturing. **Tamil Nadu Knowledge City (TKC):** For research in Life Sciences, Semiconductors, Aerospace, FinTech, etc.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
TN R&D Policy 2022		
Innovation Clusters: Anchored by academic or research institutes to create shared ecosystems with high-end labs & talent pools. **Hi-Tech Corridor:** Integrated with industrial corridors for enhanced coordination among industries, universities and research institutes. **Knowledge City:** Collaborative international initiative for high-caliber universities. **Research Parks:** Expansion of the IIT-M Research Park model to accelerate innovation. **Industry 4.0 Platform:** Digital platform for knowledge sharing and collaboration on Industries 4.0. **Work Labs:** Special cells under Guidance to bridge the gap between academia and industry. **CoEs:** Advanced facilities for emerging technologies supporting industries in niche and sunrise sectors. **National & International R&D Collaboration:** Facilitating collaboration between state universities, colleges	**Research Parks:** Replication of the IIT-M Research Park model for innovation hubs. **Work Labs:** Bridging the gap between academia and industry for skills enhancement. **Centres of Excellence (CoEs):** Facilities for emerging technologies supporting niche sectors. **Regional Startup Hubs:** Startup support for Erode, Madurai and Tirunelveli. **Industrial Innovation Centres:** Located in industrial estates like Coimbatore, Sriperumbudur and Hosur for manufacturing support. **iTNT Hub:** DeepTech Innovation Network for emerging technologies. **Comprehensive Support for R&D Infrastructure and Innovation:** Subsidized infrastructure for startups, public-private partnerships and 50% land cost reimbursement for R&D, support innovation. Additional benefits include enhanced intellectual property incentives, SGST refunds on capital goods, special capital subsidies, innovation lab reimbursements, license cost subsidies and product testing and prototyping incentives.	**Work Labs:** Synergy between industries and academia for skills development. **Centres of Excellence (CoEs):** For specialized skills in emerging technologies. **Research Capacity Building and other plans:** Increasing PhD programmes and faculty training along with 100 Talent Plan attracting Tamil origin scientists and academicians from abroad. **Technology Transfer Offices (TTOs):** Capacity building in technical colleges for commercialization of research. **R&D Training Incentive:** INR 10,000 per person per month for R&D employees. Scholarships and Training Subsidies for skill development programmes.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
TN R&D Policy 2022			
Work Labs: Facilitating collaboration for industrial training and academic immersion. **Industry 4.0 Platform:** Collaboration between academia, startups and industry for Industry 4.0 solutions. **Research Collaboration Grants:** For joint R&D initiatives. **Joint Research Funding for industry:** Academia collaborations, Technology Transfer Support for commercialization of research and Patent Support for collaborative research outputs.	**TANSEED:** Start-up Seed Grant Fund. **Emerging Sector Seed Fund (TNESSF):** Equity investments in startups and sunrise sectors. **Innovation Initiatives:** 25% project cost grant for public service innovation. **Research and Technology Fund:** INR. 150 crore for private R&D activities. **Extension of Digital Accelerator:** 10% capital raised as grants for startups investing from the US. Science & Technology Schemes – Support for final year students and researchers. **Seed Funding Scheme:** For early-stage startups. **Venture Capital Support:** Invest-ments in sunrise and emerging sectors. Tax Benefits – Exemptions for R&D investments.	**Global Startup Exchange Programme:** For international market expansion. **Startup Procurement Assistance:** To engage startups in government procurement. **Export Facilitation:** Support for startups entering global markets & International Trade Missions for global engagement.	**Focus on Sunrise Sectors:** Clean Energy, Advanced Manufacturing, Life Sciences, Digital Economy. Special Programmes for Biotechnology, AI, CleanTech, AgriTech, HealthTech. **Sector-Specific Tax and Regulatory Incentives:** Priority sectors benefit from sector-specific tax exemptions, custom duty waivers for specialized equipment and regulatory support for emerging industries.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
R&D Incentives and Support Programmes: Various programmes including the Innovation Voucher Programme for R&D collaborations, Prototype Development Fund for initial product development and R&D Grants for strategic projects, provide financial support for innovation. Additionally, tax benefits for R&D expenditure and Patent Filing Support help protect intellectual property and encourage research and development.		
TN Startup and Innovation Policy 2023		
Innovation Voucher Programme (IVP): Grants for final year students of HEIs to transform ideas into prototypes. **Student Innovation Awards:** Recognizes winners of hackathons with eligibility for IVP. **Open Innovation:** Portal for innovators to commercialize research by solving public and private sector challenges. **Technology Transfer Hub:** Assists universities and research scholars in IPR registration and commercialization Grants and Financial Support for innovation and prototyping.	**Institution Startup Circle (ISC):** Pre-incubation centres in HEIs and polytechnics. **Deep-Tech Innovation:** Through Tamil Nadu Technology Hub (iTNT Hub) and IIT-M Research Park model. **Prototyping Facilities:** Through FabLabs and Centres of Excellence (CoEs) in Chennai. **University Research Parks (URPs):** Modeled after IIT Madras Research Park in Madurai, Trichy, Coimbatore, etc. **Tamil Nadu Knowledge City (TKC):** World-class knowledge ecosystem for research and innovation. **FinTech City:** 110-acre infrastructure project in Chennai for fintech companies.	**Learning & Development Portal:** Self-learning video courses and certified programmes. **Certified Internship Programme:** Internship opportunities in Startups and incubators. **Scaleup Support Programme:** Mentorship for Startups to overcome growth challenges. **BrandLabs:** Branding and marketing strategy training for Startups.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
	Investment Grants: For startups and MSMEs. Equity Financing through TNESSF for startups. Soft Loans and Subsidies – For technology development.		
TN Startup and Innovation Policy 2023			
Institution Startup Circles (ISC): Pre-incubation centres to foster academia-industry collaboration. **Open Innovation:** Collaboration between Startups, academia and industry to solve real-world problems. **Technology Transfer Hub:** Facilitates commercialization of academic research. **Research Collaboration Grants:** For joint industry-academia R&D, Licensing and Patent Support for collaborative research outputs.	**TANSEED:** Support Equity-linked grant fund scheme for early-stage Startups. **TANSCALE:** Co-investment scheme with private agencies for growth-stage Startups. **Emerging Sector Seed Fund:** Investments in disruptive technologies and high-growth sectors. **Corporate Fundraising Platform:** Connects Startups with potential corporate investors.	**Global Startup Exchange Programme:** International exposure and market expansion. **Startup Procurement Assistance:** Public procurement facilitation for Startups. **Export Facilitation**: Support for global market entry and international trade.	**Focus on High-Growth Sectors:** Including FinTech, AgriTech, CleanTech, HealthTech and DeepTech. **Tamil Nadu Knowledge City (TKC):** For research in Life Sciences, Semiconductors, Aerospace, FinTech, etc. **Targeted Tax and Regulatory Incentives:** Priority sectors benefit from sector-specific tax exemptions, custom duty waivers for specialized equipment and regulatory support

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech

Electronics Hardware Manufacturing Policy 2020

Twin City Agreements: Collaboration with electronics manufacturing cities in countries like Japan, Vietnam, South Korea, Taiwan, Israel and Singapore for R&D exchange and joint cooperation.

University and Industry Collaboration in R&D: Promotion of grassroots innovations and early-stage startups in emerging tech areas like 5G, IoT, Drones, AI, ML, AR/VR, Additive Manufacturing etc.

Common Facility Centres (CFCs): In Greenfield / Brownfield EMCs with tool rooms, precision and testing centres and repair workshops.

Electronics Testing Centre: A state-of-the-art electronics testing facility within an EMC

Mega Electropreneur Centre (MEC): Centre of Excellence for hardware products and ventures with end-to-end design, development, testing and certification facilities.

Mini Electropreneur Centres (MiECs): In each existing and future ELCOSEZs to boost hardware and electronics systems innovation.

Greenfield and Brownfield EMCs: With integrated infrastructure for manufacturing, testing and training facilities.

Plug-and-Play Facilities: In ELCOSEZs for ESDM industries to commence production immediately.

Industrial Housing: Accommodation for employees near ESDM hubs.

Environment Protection Infrastructure: Dedicated Effluent Treatment Plants and e-waste management facilities.

Innovation: Centred Skills Development through MECs and MiECs in collaboration with public and private institutions.

Curriculum Innovation: In collaboration with Anna University for experiential learning through technology/product prototyping.

Train the Trainer Programmes: International faculty and Indian trainers exchange programmes for skill development.

Special Focus on Semiconductor Fabrication: A Special Task Force for the FAB industry ecosystem.

Training Subsidy: INR 4000 per worker per month (INR 6000 for women and transgender employees) for 6 months.

Skill Development Grants: For innovation-centreed programmes

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
	Incentives for Startups: Startups receive financial support through equity-linked grants via TANSEED, co-investment support from TANSCALE and tax benefits and investment grants for emerging sectors.		
Electronics Hardware Manufacturing Policy 2020			
Twin City Agreements: Collaboration with international manufacturing cities for joint R&D. **University and Industry Collaboration in R&D**: Joint R&D initiatives in emerging tech. **Technology Transfer Offices (TTOs):** In technical colleges for commercialization of research. **Collaborative Research Grants:** For industry-academia joint research projects. **Research Collaboration Grants:** For industry-academia R&D and Technology Transfer Support for commercialization of academic research. **Intellectual Property Incentive:** 50% reimbursement for collaborative research outputs.	**Investment Portfolio Approach:** Innovation Grants, Startup Grants and Seed Capital for hardware ventures. **Emerging Sector Seed Fund:** Support for startups in sunrise and disruptive technologies. **Digital Accelerator under Yaadhum Oorae:** Grants of 10% of capital raised, up to INR 1 Cr per startup. **Corporate Fundraising Platform:** Connecting ESDM startups with corporate investors.	**Global Startup Exchange Programme:** International exposure and market expansion for hardware startups. **Startup Procurement Assistance:** Public procurement facilitation for ESDM startups. **Export Facilitation:** Support for global market entry and international trade. **Hardware Product Innovation Network**: For international collaboration and market access. **Global Expansion and Export Support for Businesses:** Businesses receive support through international trade missions, export assistance, market expansion grants and full reimbursement of listing fees for domestic and	**Focus on Sunrise Sectors:** ESDM in 5G, IoT, AI, Drones, AR/VR and Additive Manufacturing. **Mega Electropreneur Centre (MEC):** Focus on sunrise sectors like Medical Electronics, Defence Electronics, Automotive Electronics and Renewable Energy Electronics. **MiECs in ELCOSEZs:** For product development in semiconductor fabrication and electronic components. **Tax and Land Incentives for Sunrise Sectors:** Sunrise sectors benefit from sector-specific tax exemptions, custom duty waivers,

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
	Capital Subsidy: For infrastructure development and 50% of land cost for EMCs. **SGST Refund:** On Capital Goods for startups and innovation hubs. **Subsidized Rental / Subscription:** For Rapid Product Prototyping Labs.	
EV Policy 2023		
EV Special Manufacturing Package: Inclusion of R&D in Eligible Fixed Assets (EFA) including Test and Measuring Instruments, Prototypes, Design Tools, Software for R&D, Technology, IPR, Patents and Copyrights. **Centres of Excellence (CoEs):** Promotion of CoEs for EVs through Tamil Nadu Industrial Development Corporation's 'Centres of Excellence for Emerging Technologies in Manufacturing' scheme. **EV Research & Technology Fund:** Under Tamil Nadu Industrial Policy 2021 with a corpus of INR 100 crore for EV R&D proposals. **WorkLabs:** To promote industry-academia linkages for R&D.	**EV Parks:** Exclusive EV Parks in Krishnagiri and Manallur (Chennai) with common prototyping, testing and training facilities. **Future Mobility Park:** Over 300 acres in Krishnagiri for innovative solutions using data science, AI and clean transport systems. **Mega Electropreneur Centre (MEC):** Centre of Excellence for hardware products with end-to-end design, development, testing and certification. **EV Charging Infrastructure:** Incentives for public and private charging stations and battery swapping stations. **Plug-and-Play Facilities:** In EV Parks and ELCOSEZs for ESDM industries to commence production immediately. **Capital Subsidy:** For infrastructure development. **Land Cost Incentive:** 50% of land cost for setting up units in EV Parks.	**Curriculum Innovation:** Redesign of curriculum in Engineering and Polytechnic colleges to include core and elective courses on Hybrid and EV design, mechanics and control. **EV Leadership Development**: Training programmes for leadership roles in the EV industry. **Upskilling Allowance:** For existing workforce transitioning to EV manufacturing.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
	Financial Support and Investment Incentives for Hardware Startups: Hardware startups benefit from equity-linked grants, seed capital, convertible debt, matching grants for raised investments and tax benefits and investment grants for emerging sectors.	international stock exchanges.	a 50% land cost subsidy in 'C' districts and full exemption from stamp duty.
EV Policy 2023			
Work Labs: To promote experiential learning and industry-academia collaboration. **Industry-Academia Linkages:** Collaboration for EV design, development and manufacturing. **Technology Transfer Offices (TTOs):** For commercialization of academic research. **Collaborative Research Grants:** For joint R&D initiatives. **Industry-Academia R&D Collaboration Incentives:** Grants for industry-academia R&D, technology transfer support for commercialization and 50% reimbursement on intellectual property from collaborative research are provided.	**Tamil Nadu Startup Seed Grant Fund:** Early-stage financing requirements for EV startups. **Emerging Sector Seed Fund:** Venture capital support for startups in sunrise and disruptive technologies. **Digital Accelerator under Yaadhum Oorae:** Grants of 10% of capital raised, up to INR 1 Cr per startup. **TANSEED:** Start-up Seed Grant Fund for early-stage financing. **Corporate Fundraising Platform:** Connecting EV startups with corporate investors.	**Focus on Sunrise Sectors:** EVs, batteries, electric drivetrains and charging infrastructure. **EV Sandbox:** For testing and development of EV technologies. **Regionally Balanced Development:** Incentives for Tier 2 and Tier 3 cities for EV firms. **Circular Economy Initiatives:** Promotion of recycling and reuse of EV batteries. **Comprehensive Tax and Manufacturing Incentives for EV Sector:** The EV sector benefits from sector-specific tax exemptions, custom duty waivers, green industry incentives,	**Focus on Sunrise Sectors:** EVs, batteries, electric drivetrains and charging infrastructure. **EV Sandbox:** For testing and development of EV technologies. **Regionally Balanced Development:** Incentives for Tier 2 and Tier 3 cities for EV firms. **Circular Economy Initiatives:** Promotion of recycling and reuse of EV batteries. **Comprehensive Tax and Manufacturing Incentives for EV Sector:** The EV sector benefits from sector-specific tax exemptions, custom

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
R&D and Intellectual Property Incentives for EV Technology: EV technology companies receive innovation grants, tax benefits for R&D and patent support, along with a 50% reimbursement on intellectual property costs, capped at INR 1 crore.	**R&D and Intellectual Property Incentives for EV Technology:** EV technology companies receive innovation grants, tax benefits for R&D and patent support, along with a 50% reimbursement on intellectual property costs, capped at INR 1 crore.	
TN Fintech Policy 2021		
FinBlue Sandbox: Real-time environment for FinTech startups to develop and test prototype products. **Innovation Hub:** Establishment of an Innovation Hub within the FinTech City for R&D activities. **Technology Adoption Support:** Assistance for FinTech firms to adopt advanced technologies. **Digital Accelerator under Yaadhum Oorae:** Promotes startups investing from the US in emerging areas like IoT, AI and Cloud Computing. **R&D and Intellectual Property Support:** Financial grants for technology development, tax benefits for R&D expenses and patent support for intellectual	**FinTech City:** 1 million sq. ft. built-up space with plug-and-play co-working facilities and state-of-the-art infrastructure in Chennai. **Neo-TIDEL Parks:** Plug-and-play office spaces in Tier 2 and Tier 3 cities. **Digital Payment Zones:** Pilot projects to accelerate digital payments in Chennai. **FinBlue Centre of Excellence (CoE)**: A dedicated CoE for FinTech in Chennai. **Industry Sandboxes:** For artificial intelligence, blockchain and data analytics. **Infrastructure and Cost Incentives for Startups:** Startups benefit from subsidized infrastructure, concessional lease rentals in FinTech hubs, 50% land cost reimbursement in Tier 2 and Tier 3 cities and SGST refunds on capital goods.	**Apex Skill Development Centre (ASDC):** For Banking, Financial Services and Insurance (BFSI) in partnership with industry partners. **Continuous Learning Programmes:** Online and offline industry-relevant curriculum in vernacular languages. **Curriculum Redesign:** Imparting knowledge of FinTech in engineering institutions. **FinTech Leadership Development:** Training programmes for leadership in FinTech firms. **Skill Development Support:** 100% reimbursement of fees for skill and leadership development courses.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
	Comprehensive Financial Support for EV Startups: EV startups receive equity-linked grants, seed capital, convertible debt, investment grants, venture capital support and a 5% interest rebate on term loans for six years.	intellectual property support, 50% land cost subsidy in 'C' districts and full stamp duty exemption.	duty waivers, green industry incentives, intellectual property support, 50% land cost subsidy in 'C' districts and full stamp duty exemption.

TN Fintech Policy 2021			
Industry-Academia Linkages: FinTech knowledge ecosystem comprising universities, research institutions and design labs. **Technology Transfer Hub:** Assists universities and research scholars in IPR registration and commercialization. **Collaborative R&D Initiatives:** Joint projects between academia and industry for technology development. **Industry-Academia Collaboration and IP Support:** Grants for industry-academia R&D, technology transfer support for commercialization and licensing and patent assistance for collaborative research are provided.	**Tamil Nadu Startup Seed Grant Fund:** Support for early-stage financing requirements of FinTech startups. **Emerging Sector Seed Fund:** INR 20 Cr earmarked for venture capital for FinTech startups. **Digital Accelerator under Yaadhum Oorae:** Grants of 10% of capital raised, up to INR 1 Cr per startup. **Corporate Fundraising tPlatform:** Connects FinTech startups with corporate investors. **Risk Capital Providers Support:** Incentives for Angel Funds, PE, VC and Incubators.	**Global Startup Exchange Programme:** International exposure and market expansion. **Startup Procurement Assistance:** Relaxations on EMD, turnover requirements and tender cost for startups. **Export Facilitation:** Support for global market entry and international trade. **FinBlue Marketplace:** Connecting FinTech firms with investors and knowledge partners. **Global Expansion Support for FinTech Startups:** FinTech startups receive support through international trade missions, export assistance, market expansion grants and full reimbursement of listing fees for domestic and international stock exchanges.	**Focus on High-Growth Sectors:** FinTech in Digital Payments, Digital Banking, Blockchain, AI and Data Analytics. **FinTech Sandbox:** API exchange for banks, financial institutions and startups. **Digital Payment Zones:** Encouragement of digital payment modes in urban zones. **Regionally Balanced Development:** Incentives for Tier 2 and Tier 3 cities. **Comprehensive Tax and Operational Support for FinTech Startups:** FinTech startups benefit

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
TN Cybersecurity Policy 2020		
Cybersecurity Research Labs: Establishment of Cybersecurity R&D labs for advanced research. **Innovation Hub for Cybersecurity:** To foster research and innovation in cybersecurity technologies. **Cyber Threat Intelligence (CTI) Platform:** To support R&D in threat detection and mitigation. **Security Architecture Framework:** A framework for coordinated cybersecurity R&D and innovation. **R&D and IP Support for Cybersecurity Innovation:** Cybersecurity startups receive R&D grants, tax benefits for R&D investments, and patent support for intellectual property protection.	**Security Operations Centre (SOC-TN):** Centralized monitoring and management of cybersecurity operations. **Cybersecurity Incubation Centres:** Dedicated incubation centres for cybersecurity startups. **CERT-TN (Computer Emergency Response Team):** Infrastructure for cybersecurity incident response. **Cyber Crisis Management Plan (CCMP):** Integrated infrastructure for crisis management and response. **Infrastructure and Cost Incentives for Cybersecurity Startups:** Cybersecurity startups receive subsidized infrastructure, 50% land cost reimbursement for hubs, and SGST refunds on capital goods.	**Cybersecurity Awareness Training:** For government employees and public users. **CERT-TN Training Programmes:** Refresher and advanced training for CERT-TN team members. **Skill Development Programmes:** In collaboration with educational institutions for cybersecurity skills. **Cybersecurity Leadership Development:** Training programmes for leadership roles in cybersecurity.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
	Comprehensive Financial Support for FinTech Startups: FinTech startups receive equity-linked grants, venture capital support, investment grants, tax benefits, rental fee support for incubators, and matching grants for raised investments.		from sector-specific tax exemptions, custom duty waivers, operating expenses reimbursement, SGST refunds, free cloud and data services and employment cost assistance.
TN Cybersecurity Policy 2020			
Cybersecurity Research Collaboration: Collaboration between industry, academia and government. **Technology Transfer Hub:** For commercialization of cybersecurity research. **Industry-Academia Linkages:** Knowledge sharing and joint R&D projects. **Industry-Academia Collaboration and IP Support:** Joint industry-academia R&D receives research collaboration grants, technology transfer support for commercialization and licensing and patent assistance for collaborative outputs.	**Cybersecurity Seed Fund:** For early-stage cybersecurity startups. **Venture Capital Support:** Investments in cybersecurity startups and innovations. **Digital Accelerator under Yaadhum Oorae:** Grants of 10% of capital raised, up to INR 1 Cr per startup. **Corporate Fundraising Platform:** Connects cybersecurity startups with corporate investors. **Financial and Investment Support for Cybersecurity Startups:** Cybersecurity startups receive innovation support, investment grants, tax benefits,	**Global Cybersecurity Exchange Programme:** International exposure and market expansion for cybersecurity startups. **Startup Procurement Assistance**: Public procurement facilitation for cybersecurity solutions. **Export Facilitation:** Support for cybersecurity startups entering global markets. **Cybersecurity Marketplace:** Connecting cybersecurity firms with investors and knowledge partners.	**Focus on Cybersecurity Sectors:** Digital Payments Security, Cloud Security, AI-based Security and Data Protection. **Cybersecurity Sandbox:** API exchange for cybersecurity testing and development. **Balanced Development:** Incentives for Tier 2 and Tier 3 cities for cybersecurity firms. **Tax and Operational Support for Cybersecurity Startups:** Cybersecurity startups benefit from sector-specific tax exemptions, custom duty waivers, operating expense reimbursement, SGST refunds, free cloud and

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
TN Data Centre Policy 2021		
Collaboration with Authorized Agencies: Coordination with agencies like Electronics Test and Development Centre (ETDC), National Informatics Centre (NIC) and Centre for Development of Advanced Computing (CDAC) for R&D in data centre technologies. **Centres of Excellence (CoE):** Establishment of CoEs in collaboration with colleges for research on data technologies. **R&D Grants:** For innovation in data centre technologies and patent support for intellectual property creation.	**Data Centre Parks:** Establishment of dedicated Data Centre Parks with unique infrastructural requirements. **ELCOSEZs:** Special Economic Zones (SEZs) for data centres in Tier I and Tier II cities for inclusive development. **Single Window Clearance:** For ease of doing business with end-to-end facilitation support. Renewable Energy Integration: Support for data centres using renewable energy sources. **Infrastructure and Cost Incentives for Data Centres:** Data centres receive capital subsidies, 50% land cost subsidy, stamp duty concessions and a 100% electricity tax waiver for 5 years.	**Skill Development Initiatives:** In collaboration with ELCOT and ICT Academy for data centre operations. **Training Programmes:** To create a pool of skilled manpower in data centre technologies. **Skill Development and Training Support for Data Centres:** Data centres receive training subsidies of INR 10,000 per person per month and skill development grants for emerging tech skills.
TN Data Policy 2022		
Data Analytics Unit (DAU): Established in collaboration between the Department of Economics and Statistics and the Tamil Nadu e-Governance Agency (TNeGA) to analyze large volumes of government data for policy making. **Centre of Excellence in Emerging Technologies (CEET):** Undertakes data-sharing projects, harmonization and	**Data Ecosystem for Decision Support System (DeTN):** Establishment of a data-driven decision support system for governance. **Tamil Nadu Open Data Portal:** To facilitate open data access and promote innovation by startups. Spatial Data Infrastructure: Through the Tamil Nadu Geographical Information System (TNGIS).	**Capacity Building Programmes:** For government officials and employees on data analytics and governance. **Curriculum Innovation:** Collaboration with educational institutions for data science and analytics courses. **Data Fellowship Programmes:** Encouraging participation in data-driven research and policy design.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
	rental fee support for incubators and matching grants for raised investments.		cybersecurity solutions and employment cost assistance.
TN Data Centre Policy 2021			
Centres of Excellence (CoE): Collaboration with colleges for research on data technologies. **Collaborative Research Grants:** For joint research between industry and academia in data centre technologies. **Research Collaboration Grants:** For industry-academia partnerships.	**Digital Accelerator:** Under Yaadhum Oorae for funding support to data centre startups. **Alternate Investment Fund (AIF):** Venture capital support for data centre MSMEs. **Financial Support and Investment Incentives for Data Centres:** Data centre startups receive equity-linked grants, seed capital, convertible debt, tax benefits and matching grants for private investments.	**Global Exchange Programme:** International exposure for data centre startups. **Export Facilitation:** Support for entering global markets. **International Trade:** International Trade Missions for global engagement and Export Assistance for international trade.	**Focus on Green Data Centres:** Promotion of green and sustainable initiatives. **Digital Identity and Authentication Solutions:** Using advanced technologies for secure identity management. **Green and Sustainable Incentives for Data Centres:** Green data centres receive a 25% subsidy on eco-initiatives, sector-specific tax exemptions, and custom duty waivers for specialized equipment.
TN Data Policy 2022			
Collaborations with Research and Academic Institutions: For joint research projects and data-driven policy design. **Data Access for Research Use:** Anonymized and permissioned data access for academia and research organizations. **Technology Transfer Offices (TTOs):** For commercialization of research outputs.	**Data Research & Innovation Fund:** Funding for data-centric research and innovation projects. **Corporate Fundraising Platform:** Connecting startups with corporate investors for data-driven solutions.	**Global Startup Exchange Programme:** International exposure and market expansion for data-driven startups. **Startup Procurement Assistance:** Relaxations on EMD and turnover requirements for startups using government data.	**Focus on High-Growth Sectors:** Data-centric startups in FinTech, AgriTech, HealthTech and DeepTech. **Promotion of AI and Data Science:** Encouragement of AI and data science applications in various sectors.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
departments. **Cross-Department Data Analytics:** Promotes data analytics across departments for evidence-based policy making and governance improvement. **Data Access and Research Collaboration Support:** Secure data access for R&D and partnerships with academic and research institutions promote data-driven research and innovation.	**State Family Database (SFDB):** Centralized repository for citizen data to be used for policy design and implementation. **Open Government Data (OGD) Initiative:** Access to government datasets for startups to develop value-added solutions. **Data API Access:** APIs for startups to develop applications and solutions using government data. **Public Procurement Facilitation:** Relaxations in EMD and tender requirements for startups l everaging government data.	**Skill and Leadership Development for Data and AI Technologies:** Grants for training in data analytics, AI and emerging technologies, along with leadership programmes for policymakers and government data officers, are provided.
MSME Policy 2021		
Innovation Voucher Programme (IVP): To promote the development of new products or processes and commercialize innovative ideas. **Industry-Academia Collaboration:** Facilitation of R&D partnerships between MSMEs and academic institutions. **Promotion of Grassroots Innovations:** Support for early-stage startups and innovations. **Technology and Quality Upgradation (TEQUP) Scheme:** To enhance technology adoption and modernization.	**MSME Manufacturing Zones (MMZs):** Dedicated zones with Plug & Play facilities and world-class infrastructure. SGST Refund on Capital Goods for startups and innovation hubs. Rental Fee Support for incubators and innovation hubs.	**Innovation-Centreed Skills Development**: Collaboration with educational institutions for experiential learning and prototyping. **Amma Skill Special Focus on Industry 4.0 and Digital Skills:** Upskilling and reskilling programmes for emerging tech areas. **Incentives:** Skill Development Grants for innovation-centreed programmes. Scholarships and Training Grants for emerging tech skills.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
R&D Collaboration and IP Support for Data-Driven Research: Joint R&D initiatives receive collaboration grants, technology transfer support and 50% reimbursement for patents and copyrights on data-driven research outputs.	**Financial Support for Data-Centric Startups:** Data-centric startups receive innovation grants, seed capital, convertible debt, matching grants for private investments and tax benefits for leveraging government data.	**Export Facilitation:** Support for startups entering global markets with data-driven solutions. **Global Expansion and Export Support for Startups:** Startups receive international trade mission support, export assistance, market expansion grants and full reimbursement of listing fees for domestic and international stock exchanges.	**Regionally Balanced Development:** Incentives for startups in backward districts and Tier 2/3 cities. **Tax and Innovation Incentives for Data-Centric Startups:** Data-centric startups receive sector-specific tax exemptions, custom duty waivers, enhanced IP incentives, and green data incentives for sustainable cloud solutions.
MSME Policy 2021			
Industry-Academia R&D Collaboration: Joint research initiatives between MSMEs and academic institutions. **Technology Transfer Offices (TTOs):** Facilitate commercialization of academic research. **University Research Parks:** Dedicated parks for high-tech innovation and commercialization. **Collaborative Research Grants:** For industry-academia joint research projects. **Incentives:** Research Collaboration Grants for industry-academia R&D.	**Tamil Nadu Startup Seed Grant Fund:** Early-stage financing requirements for MSMEs. **Emerging Sector Seed Fund:** Venture capital support for startups in sunrise and disruptive technologies. **Alternate Investment Fund (AIF):** For MSMEs to access venture capital and private equity.	**Global Startup Exchange Programme:** International exposure and market expansion for MSMEs. **Startup Procurement Assistance:** Relaxations on EMD, turnover requirements and tender cost for MSMEs. **Export Facilitation:** Support for MSMEs entering global markets. **MSME Global Mart and E-Marketplace:** Digital platform for global engagement and procurement.	**Promotion of Green Initiatives:** Incentives for eco-friendly technologies and waste management. **Regionally Balanced Development:** Incentives for MSMEs in backward districts and Tier 2/3 cities. **Special Focus on Industry 4.0:** MSMEs adopting smart technologies like AI, ML and IoT. **Incentives:** Green Technology Incentives for eco-friendly manufacturing practices.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
Design Clinic Scheme for Design Expertise: Financial support for design innovation and prototyping. **Incentives:** Innovation Grants through IVP for new product development. R&D Financial Assistance for collaboration with academic institutions. Tax Benefits and Financial Support for technology upgradation and modernization. **Intellectual Property Incentives:** Subsidy for Patent Registration and Trade Marks.		
TN Aerospace & Defence Industrial Policy 2022		
Aerospace and Defence Testing Hubs: Establishment in strategic locations for R&D and prototyping. **Technology Development Fund:** To support R&D in advanced aerospace and defence technologies. **Incentives:** R&D Grants for technology innovation. Patent Support for intellectual property creation in aerospace and defence.	**Aerospace and Defence Parks:** Dedicated parks with advanced infrastructure for manufacturing and testing. **Common Facility Centres (CFCs):** For precision manufacturing and 3D printing.	**Skill Development Centres:** In collaboration with industry partners for aerospace and defence technologies. Skill Development Grants for emerging tech areas.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
Technology Transfer Support for commercialization of academic research. **Intellectual Property Incentive:** 50% reimbursement for collaborative research outputs. Patent Filing Support for joint intellectual property creation.	**Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTM-SE):** Collateral-free loans for MSMEs. **Incentives:** Equity-linked Grants for ear-ly-stage startups. Venture Capital Support for MSMEs in emerging sectors. Investment Grants – 10% of capital raised as grants for startups.		Stamp Duty Incentive – 100% exemption for sunrise sectors.
TN Aerospace & Defence Industrial Policy 2022			
Collaborative Research Grants: For joint R&D between industry and academia. **Technology Transfer Offices (TTOs):** For commercialization of academic research. **Incentives:** Research Collaboration Grants for industry-acade-mia partnerships. Technology Transfer Support for commercialization of research.	**Aerospace and Defence Startup Seed Fund:** For early-stage financing of startups. **Alternate Invest-ment Fund (AIF):** For aerospace and defence MSMEs. **Incentives:** Equity-linked Grants for startups. Seed Capital and Convertible Debt for ventures. Tax Benefits for aerospace and defence investments.	**Global Aerospace Exchange Programme:** International exposure for startups. **Export Facilitation:** Support for global market entry. **Incentives:** International Trade Missions for global engagement. Export Assistance for international trade.	**Focus on Sunrise Sectors:** Aerospace electronics, drones, UAVs and space systems. **Defence Innovation Sandbox:** For testing and develo-pment. **Incentives:** Sector-specific Tax Exemptions for priority sectors. Custom Duty Waivers for specialized equipment.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
TN Block chain policy 2020		
Centre of Excellence in Blockchain Technology: Promotion of R&D through the Centre of Excellence to build capacity in blockchain technologies. **Blockchain Innovation Lab:** To foster innovation and research in block-chain applications. **Collaboration with Academic Institutions:** Encouragement of research collaborations with universities and research organizations. **Incentives:** Research Grants and Financial Support for blockchain research and development. Patent Support for intellectual property in blockchain technology. Tax Benefits for R&D investments in blockchain.	**State-wide Blockchain Backbone:** Establishment of a blockchain network as a single source of truth and trust anchor for government processes and data. **App Development Platform:** Modular blockchain architecture with Software Development Kits for app development. **Regulatory Sandbox:** Semi-regulated sandbox environment for developing and testing blockchain applications. **Public-Private Partnerships:** Collaboration with industry players for building blockchain infrastructure. **Incentives:** Capital Subsidy for infrastructure development in blockchain. Subsidized API Access for startups and innovators. Public Procurement Facilitation for blockchain startups.	**Capacity Building and Awareness Programmes Blockchain Fellowship Programmes Curriculum Integration:** Collaboration with educational institutions to include blockchain in their curriculum. **Incentives:** Skill Development Grants for training programmes in blockchain.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
TN Block chain policy 2020			
Forum for Blockchain Ecosystem Development: Platform for collaboration between industry, startups and academia. **Collaborative Research Grants:** For joint research projects in blockchain technology. **Technology Transfer Offices (TTOs):** To facilitate commercialization of blockchain research. **Incentives:** Research Collaboration Grants for industry-academia partnerships. Technology Transfer Support for commercialization of blockchain research. **Intellectual Property Incentive:** 50% reimbursement for collaborative research outputs.	**Blockchain Startup Seed Fund:** Early-stage financing support for blockchain startups. **Corporate Fundraising Platform:** Connecting blockchain startups with investors. **Incentives:** Equity-linked Grants for blockchain startups. Seed Capital and Convertible Debt for blockchain ventures. Tax Benefits and Investment Grants for startups using blockchain technology. Matching Grant for startups raising private investments.	**Global Blockchain Exchange Programme:** International exposure and market expansion for blockchain startups. **Startup Procurement Assistance:** Relaxations on EMD and turnover requirements for blockchain startups. Support for blockchain startups	**Focus on High-Growth Sectors:** Blockchain in FinTech, AgriTech, HealthTech, Identity Blockchain Sandbox: For testing and development of blockchain applications. **Cross-industry Blockchain Integration Incentives:** Enhanced Intellectual Property Incentive – Up to INR 1 Cr for blockchain innovation. Green Data Incentives – For sustainable blockchain solutions.

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
TN Safe and Ethical AI Policy 2020		
Centre for Applied Research in AI: Established under TNeGA (Tamil Nadu e-Governance Agency) to promote R&D in safe and ethical AI applications. **Collaborative Core and Applied AI Research Centres:** In partnership with industry players and academic institutions to foster research and development in AI for governance. **Open Data Task Force:** To facilitate access to anonymized and secure data for research and development of AI-based solutions. **Incentives:** Research Grants and Financial Support for AI research and development. Open Data Access for research and innovation. Patent Support for intellectual property in AI technology.	**State-wide Blockchain Backbone - Nambikai Inayam:** To provide a secure and transparent data infrastructure for AI solutions. **AI Sandbox:** A safe experimentation space for startups and individuals to develop AI-based solutions without high infrastructure costs. **Digital AI Ecosystem:** Comprehensive digital ecosystem for data sharing, application development and ethical AI deployment. **Public-Private Partnerships:** Collaboration with industry players for building AI infrastructure and deploying public-use AI applications. **Incentives:** Capital Subsidy for infrastructure development in AI. Subsidized API Access for startups and innovators. Public Procurement Facilitation for AI startups.	**AI Education and Awareness Programme:** In collaboration with academic institutions for AI education at the school and college level. **AI Skill Development and Training:** Programmes to build world-class AI experts and skilled professionals in AI deployment and governance. **Leadership Development Programmes:** Training programmes for executives and policymakers in AI ethics and governance. **Curriculum Integration Incentives:** Skill Development Grants for training programmes in AI.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
TN Safe and Ethical AI Policy 2020			
AI Expert Groups: Forums for collaboration between academic institutions, industry players and government agencies. **Technology Transfer Offices (TTOs):** To facilitate commercialization of AI research. **Incentives:** Research Collaboration Grants for industry-academia partnerships. Technology Transfer Support for commercialization of AI research.	**AI Startup Seed Fund:** Early-stage financing support for AI startups. **Corporate Fundraising Platform:** Connecting AI startups with investors. **Alternate Investment Fund (AIF):** For AI startups and emerging technology ventures. **Incentives:** Equity-linked Grants for AI startups. Seed Capital and Convertible Debt for AI ventures. Tax Benefits and Investment Grants for startups using AI technology.	**Global AI Exchange Programme:** International exposure and market expansion for AI startups. **Startup Procurement Assistance:** Relaxations on EMD and turnover requirements for AI startups. **Export Facilitation:** Support for AI startups entering global markets. **Incentives:** International Trade Missions for global engagement. Export Assistance – Financial aid for international trade.	-

Research & Development Support	Infrastructure and Ecosystem Development for Innovation/Startups	Talent Development in Tech and Emerging Tech
TN Logistics Policy & Integrated Logistics Plan 2023		
Centre of Excellence (CoE) for Logistics R&D: In collaboration with academic institutions and industry bodies. **Innovation Labs:** To develop logistics solutions using AI, IoT and blockchain. **Incentives:** R&D Grants for logistics technology innovation. Patent Support for intellectual property creation in logistics.	**Common Facility Centres (CFCs):** For logistics startups to access advanced infrastructure.	**Skill Development Centres:** In collaboration with industry partners for logistics technology skills. **Leadership Development Programme:** For executives and policymakers in logistics. **Incentives:** Skill Development Grants for emerging tech areas in logistics.
TN Lifesciences Promotion Policy 2022		
Centre of Excellence (CoE) for Life Sciences – Innovation Labs – Promoting advanced research in life sciences. Biologics and Pharmaceutical Parks – Dedicated zones for R&D in biologics and biosimilars. **Incentives:** R&D Grants for innovation and techno-logy development. Patent Support – Financial assistance for intellectual property creation. Enhanced Intellectual Property Incentive – Up to INR 1 Cr for R&D outputs.	**TICEL Bio Parks** – State-of-the-art infrastructure for biotech and pharmaceutical R&D. Life Sciences Clusters – Integrated ecosystems at strategic locations. Medical Device Parks – Special zones to promote medical devices manufacturing. **Incentives:** Plug and Play Infrastructure – Ready-to-use labs and incubation spaces. Environmental Protection Infrastructure Subsidy – 25% of capital cost for ETP and HWTSDF.	**Apex Skill Development Centres (ASDCs)** – High-end training programmes for life sciences. Finishing Schools – Short-term skilling programmes to make students industry-ready. Collaborations with LSSSDC – For advanced skill development. **Incentives:** Overseas Training Subsidy – Up to INR 50000 per employee for international skill upgradation.

Industry Academia Collaboration Incentives (Tech Related)	Funding and Investment Acceleration	Deep Tech Adoption & Market Expansion (Global Engagement, Procurement Assistance for Startups)	Sector Specific Incentives
TN Logistics Policy & Integrated Logistics Plan 2023			
Collaborative Research Grants: For joint R&D between industry and academia in logistics technology. **Technology Transfer Offices (TTOs):** For commercialization of academic research. **Incentives:** Research Collaboration Grants for industry-academia partnerships. Technology Transfer Support for commercialization of research.	**Logistics Startup Seed Fund:** For early-stage financing of logistics startups. **Alternate Investment Fund (AIF):** For logistics MSMEs. **Incentives:** Equity-linked Grants for logistics startups.	**Global Logistics Exchange Programme:** International exposure for logistics startups. **Incentives:** International Trade Missions for global engagement. Export Assistance for international trade.	Focus on Emerging Logistics Sectors: Drone logistics, cold chain logistics and green logistics. **Green Logistics Sandbox:** For testing and development of sustainable logistics solutions.
TN Lifesciences Promotion Policy 2022			
Collaboration with National and International Institutes – To promote joint R&D projects. Research & Technology Fund – INR 100 Cr corpus for collaborative research. **Incentives:** Enhanced Quality Certification Incentive – 50% subsidy for international certifications. Joint Research Funding – Financial support for industry-academia research collaborations.	Emerging Sector Seed Fund – INR 500 Cr corpus for startups and emerging sectors. Industrial Ecosystem Fund – INR 500 Cr for infrastructure projects in life sciences. **Incentives:** Flexible Capital Subsidy – Additional 7.5% for startups and emerging sectors.	Single Window Portal (TNSWP) – Facilitates clearances and ease of doing business. Life Sciences Promotion Cell – Single point of contact for investors and startups.	Special Focus on Biologics, Biosimilars and Medical Technology – To position Tamil Nadu as a leader in these segments.

11. Annexures

A. Grants & Funds URL Details

Sl.No	Title	Links
01	DST-GDC I-NCUBATE Programme	https://nidhi.dst.gov.in/dst-gdc-incubate-program/
02	Small Business Deep tech Innovation (SBDI) Grant Programme	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2205356&reg=3&lang=2
03	Small Business Innovation Research Initiative (SBIRI)	https://birac.nic.in/desc_new.php?id=217
04	Deep Tech Fund of Funds	https://www.dpiit.gov.in/static/uploads/2025/06/3d9c9c2daeefb97bb9ce964370938b71.pdf
05	NIDHI- Seed Support System (NIDHI-SSS)	https://www.indiascienceandtechnology.gov.in/funding-opportunities/startups/national-science-technology-entrepreneurship-development-board-nstedb
06	NIDHI Technology Business Incubators (TBIs)	https://nidhi.dst.gov.in/nidhitbi/
07	NIDHI-Accelerator	https://nidhi.dst.gov.in/schemes-programmes/nidhiaccelerator/
08	NIDHI Deep Tech Translational Program -me DST-GDC I-NCUBATE PROGRAMME	https://nidhi.dst.gov.in/dst-gdc-incubate-program/
09	Biotechnology Industry Partnership Programme (BIPP)	https://www.birac.nic.in/desc_new.php?id=216
10	Technology Development Board (TDB) Funding	https://tdb.gov.in/
11	Leap Global Programme	https://www.venturecenter.co.in/programs/nidhi-accelerator-program
12	Fund for Industrial Research Engagement (FIRE)	https://dst.gov.in/serb-dst-partners-intel-india-launch-first-its-kind-initiative-advance-deep-tech-based-research
13	IndiaAI FutureSkills	https://indiaai.gov.in/hub/indiaai-futureskills
14	IndiaAI Compute Capacity	https://indiaai.gov.in/hub/indiaai-compute-capacity
15	Accelerated Translational Grant for Commercialisation (ATGC)	https://birac.nic.in/desc_new.php?id=639
16	IndiaAI Innovation Centre	https://indiaai.gov.in/hub/indiaai-innovation-centre
17	Deep Tech Reactor	https://aim.gov.in/
18	Technology Adoption Fund by IN-SPACe	https://www.inspace.gov.in/inspace?id=inspace_taf
19	IN-SPACe Seed Fund Scheme	https://www.inspace.gov.in/inspace?id=inspace_seed_fund_info
20	INSPIRE - MANAK	https://nif.org.in/inspire-awards
21	Acing Development of Innovative Technologies with iDEX	https://idex.gov.in/uploads/page/aditi_scheeme.pdf
22	Design-linked Scheme	https://chips-dli.gov.in/
23	CHUNAUTI - Challenge Hunt Under NGIS for Advanced Uninhibited Technology Intervention	https://nidhi.dst.gov.in/dst-gdc-incubate-program/
24	Multiplier Grants Scheme	https://india.gov.in/multiplier-grants-scheme-ministry-electronics-information-technology
25	Technology Development Fund (TDF) Scheme	https://tdf.drdo.gov.in/
26	Compound Semiconductor & ATMP	https://ism.gov.in/compound-semiconductor
27	Defence India Startup Challenges (DISC)	https://www.ddpmod.gov.in/node/1173
28	Software Product Development Fund	https://indbiz.gov.in/national-policy-on-software-products-2019-gets-nod/
29	Support for Prototype and Research Kickstart (SPARK) Grant	https://www.ddpmod.gov.in/
30	Pre-seed Deep Tech accelerator fund	https://www.iimb.ac.in/node/12642

Sl.No	Title	Links
31	TIDCO's Emerging Sectors Policy & Guidance Cell	https://tidco.com/emargingsector.php
32	Early Translation Accelerators (ETAs)	https://birac.nic.in/desc_new.php?id=280
33	TIDE 2.0 Scheme (Technology Incubation and Development of Entrepreneurs)	https://msh.meity.gov.in/schemes/tide
34	Atal New India Challenge 2.0	https://aim.gov.in/atal-new-india-challenge-2.0.php
35	Innovation Voucher Programme	https://admin.editn.in/innovation-programme
36	Tamil Nadu Artificial Intelligence Mission (TNAIM)	https://cms.tn.gov.in/cms_migrated/document/GO/it_e_25_2024_Ms.pdf
37	SPIC – Research Innovation Grant	https://www.indiascienceandtechnology.gov.in/funding-opportunities/research-grants/individual/start-research-grant
38	'Digital Accelerator' scheme	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil%20Nadu%20RandD%20Policy%202022.pdf
39	Tamil Nadu Emerging Sector Seed Fund (TNESSF)	https://tnifmc.com/our-funds/ https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil%20Nadu%20RandD%20Policy%202022.pdf
40	Research and Technology Fund	https://investingintamilnadu.com/DIGIGOV/TN-pages/industrial-policy.jsp?pagedisp=static
41	Biotechnology Innovation Fund AcE	https://birac.nic.in/aceFundNew.php
42	Biotechnology Ignition Grant (BIG)	https://birac.nic.in/big.php
43	Startup India Fund of Fund Scheme	https://seedfund.startupindia.gov.in/
44	SEED fund	https://birac.nic.in/seedFundNew.php
45	Regulatory Sandbox exercise	https://www.rbi.org.in/scripts/PublicationReportDetails.aspx?ID=1262
46	Certification Scheme for Unmanned Aircraft Systems	https://nth.gov.in/certification-of-drone
47	Digital India BHASHINI	https://bhashini.gov.in/
48	Digital India GENESIS (Gen- Next Support for Innovative Startups)	https://msh.meity.gov.in/schemes/genesis
49	Industry Innovation Programme on Medical Electronics (IIPME)	https://birac.nic.in/desc_new.php?id=277
50	SpaceTech Innovation Network (SpIN)	https://www.isro.gov.in/Spin.html
51	Tata Trusts and Tata Centre for Technology and Design (TCTD)	https://www.tatatrusts.org/our-work/institutions/tata-centre-for-technology-and-design
52	Liftoff	https://wadhwanifoundation.org/our-programs/liftoff/
53	Catamaran	https://catamaran.in/about-us/
54	Reliance JioGenNext	https://www.jiogennext.com/
55	Google for Startups Accelerator India	https://startup.google.com/programs/accelerator/india/
56	Cisco LaunchPad	https://startups.cisco.com/
57	Tamil Nadu Startup and Innovation Policy 2023	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil_Nadu_Startup_and_inno_2018-23.pdf
58	Tamil Nadu Startup Fund of Funds	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil_Nadu_Startup_and_inno_2018-23.pdf
59	TANSCALE	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil_Nadu_Startup_and_inno_2018-23.pdf
60	Tamil Nadu Startup and Innovation Policy 2023 – Fund of Funds	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil_Nadu_Startup_and_inno_2018-23.pdf

Sl.No	Title	Links
61	Tamil Nadu Research and Development (R&D) Policy 2022	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil%20Nadu%20RandD%20Policy%202022.pdf
62	Tamil Nadu Data Centre Policy 2021	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Data_Centre_Policy.pdf
63	Tamil Nadu Industrial Policy 2021	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/sector/Industrial_Policy_2021.pdf
64	Digital Accelerator under Yaadhum Oorae	https://yadhum.in/index.html
65	Innovation Grants & Seed Capital Investments for Hardware Products & Ventures	https://spc.tn.gov.in/policy/tamil-nadu-electronics-hardware-manufacturing-policy-2020/
66	MSME Innovative Scheme	https://innovative.msme.gov.in/
67	NIDHI-PRAYAS	https://www.nidhi-prayas.org/#parentVerticalTab11
68	Rashtriya Krishi Vikas Yojana (RAFTAAR)	https://agriwelfare.gov.in/en/RashtriyaDiv
69	Smart India Hackathon (SIH)	https://www.sih.gov.in/
70	Credit Guarantee Fund (CGTMSE)	https://www.cgtmse.in/Home/VS/3
71	STPI Grant	https://stpi.in/stp-scheme
72	SAMRIDH Scheme	https://msh.meity.gov.in/schemes/samridh
73	SIP-EIT	https://www.indiascienceandtechnology.gov.in/funding-opportunities/startups/support-international-patent-protection-electronics-information-technology-sipeit
74	ASPIRE Scheme	https://www.indiascienceandtechnology.gov.in/funding-opportunities/startups/aspire-scheme-promotion-innovation-entrepreneurship-and-agro-industry
75	CLCSS	https://clcss.dcmsme.gov.in/
76	Dairy Processing Infrastructure Development Fund (DIDF)	https://dahd.gov.in/schemes/programmes/didf
77	MGIRI Grants	https://www.mgiri.org/new/mgiri-details-of-grants-fy-2020-2021-and-fy-2021-2022/
78	NIDHI-EIR	https://www.nidhi-eir.in/
79	NSIC Subsidy	https://www.nsic.co.in/

B. Infrastructure facilities

01	Defence Industrial Corridor (TNDIC)	https://tndefencecorridor.in/
02	TIDCO's Aerospace Park	https://www.tidco.com/aerospacepark.php
03	Tamil Nadu Electronics Manufacturing Cluster (EMC)	https://www.pib.gov.in/PressReleasePage.aspx?PRID=2205046&.reg=3&lang=2
04	National Supercomputing Mission (IIT Madras, NIT Trichy)	https://www.pib.gov.in/PressReleasePage.aspx?PRID=1828171
05	Centre for Quantum Information, Communication, and Computing (IIT Madras)	https://quantum.iitm.ac.in/
06	Tamil Nadu EV Cluster	https://spc.tn.gov.in/wp-content/uploads/TN_AUTOMOTIVE_FUTURE.pdf
07	Bio-Tech Research Park	https://tidco.com/ticel3.php
08	MedTech Zone	https://sipcotweb.tn.gov.in/Sector
09	National Institute of Ocean Technology	https://www.niot.res.in/
10	ISRO spaceport in Kulasekarapattinam, Tamil Nadu	https://www.isro.gov.in/SSLVLaunchComplexKulasekarapattinam.html

Sl.No	Title	Links
11	CSIR-CECRI	https://www.cecri.res.in/AboutUs/AboutCSIRCECRI.aspx
12	HAL's Avionics Division	https://hal-india.co.in/Avionics Division Korwa/M__123
13	IIT Madras' Robert Bosch Centre for Data Science & AI (RBCDSAI)	https://rbcdsai.iitm.ac.in/
14	Automotive Research Association of India (ARAI)	https://www.araiindia.com/
15	Global Automotive Research Centre (GARC)	https://garc.co.in/
16	IITM Pravartak Technologies Foundation	https://www.iitmpravartak.org.in/
17	Tamil Nadu's Semiconductor Manufacturing Plan	https://icea.org.in/wp-content/uploads/2024/11/Tamil-Nadu-Semiconductor-and-Advanced-Electronics-Policy-2024.pdf
18	BIRAC-supported BioNEST at IIT Madras	https://birac.nic.in/bionest.php
19	TICEL Bio Park	https://www.ticelbiopark.com/
20	Young Scientist Labs	https://www.drdo.gov.in/drdo/labs-and-establishments/drdo-young-scientist-laboratory-dysl-at
21	Defence Industrial Corridor	https://www.tndefencecorridor.in/
22	Hi-Tech Corridor	https://spc.tn.gov.in/policy/tamil-nadu-rd-policy-2022/
23	Centres of Excellence for Emerging Technologies in Manufacturing	https://tndefencecorridor.in/ce.php
24	Centre of Excellence in Emerging Technologies (CEET)	https://tnega.tn.gov.in/coe
25	Data Centre Parks	https://spc.tn.gov.in/policy/tamil-nadu-data-centre-policy-2021/
26	Industrial innovation centres in SIPCOT	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/sector/Industrial_Policy_2021.pdf
27	Research park – Replicating IITM RP model	https://spc.tn.gov.in/policy/tamil-nadu-rd-policy-2022/t
28	Mega & Mini Electropreneur Centres	https://www.nsws.gov.in/s3fs/2021-08/Tamil%20Nadu%20Electronics%20Hardware%20Manufacturing%20Policy%202020-min.pdf
29	EV Park, Future Mobility Park	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/TN_Electric_Vehicles_Policy_2023.pdf
30	Fintech City, FinBlue CoE	https://investingintamilnadu.com/DIGIGOV/StaticAttachment?AttachmentFileName=/pdf/poli_noti/Tamil%20Nadu%20FinTech%20Policy%202021.pdf
31	Fintech City	https://tidco.com/fintech.php
32	SFDB, Open data portal	https://tnega.tn.gov.in/assets/pdf/TN_DataPolicy_2022.pdf

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GOVERNMENT OF TAMIL NADU

Tamil Nadu Deep Tech Startup Policy 2025-26

Information Technology & Digital Services Department