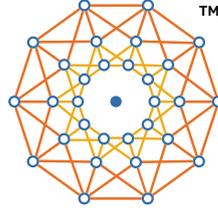


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# iTNT

TAMILNADU TECHNOLOGY HUB



TM

## From Vision to Impact: The iTNT Story



**Tamil Nadu Deep Tech Startup Policy 2025-26**

**Launch by the Hon'ble Chief Minister**

# Tamil Nadu Technology (iTNT) Hub

Information Technology and Digital Services Department,  
Government of Tamil Nadu

# About iTNT Hub

Tamil Nadu Technology (iTNT) Hub functioning under the Information Technology and Digital Services Department, Tamil Nadu, is building India's first Deep and Emerging Tech Innovation Network. Jointly established by the Government of India and Tamil Nadu, and with support of industry partners, iTNT is striving to elevate Tamil Nadu as one of the Top 10 Global Innovation Destinations in the Deep and Emerging Tech space.

Launched by the Hon'ble Chief Minister of Tamil Nadu, Thiru. M.K. Stalin, in May 2023, iTNT brings together entrepreneurs, researchers, academia, industry, incubators, investors and the government to establish a dynamic Research & Development & Innovation ecosystem. The Hub nurtures a culture of innovation and equips Tamil Nadu to deliver transformative solutions to the world, by harnessing the State's vast tech capabilities.

## Focus Technologies



AI/ML



AR/VR



IoT & Robotics



Quantum Computing



Semiconductor

## Focus Sectors



Creative Tech



Climate Tech



EV



Geospatial Technologies



Healthcare & Lifesciences



Space Tech



Cyber Security



High Value SaaS



Smart Cities & Transportation

# Tamil Nadu Deep Tech Startup Policy 2025-26 Launched

## India's 1st State-Level Deep Tech Startup Policy



In a decisive step towards capturing long-term technological and economic value for both India and Tamil Nadu, the Hon'ble Chief Minister of Tamil Nadu, Thiru. M.K. Stalin released the Tamil Nadu Deep Tech Startup Policy (TNDTSP) on 8th January at UImagineTN 2026. The policy – drafted by iTNT Hub – is designed to transform cutting-edge research into deployable and scalable solutions, strengthening national technological sovereignty while positioning Tamil Nadu as a global Deep Tech powerhouse.

Marking a historic milestone, the TNDTSP is India's first state-level Deep Tech Startup Policy, announced and implemented by the Information Technology & Digital Services Department, Government of Tamil Nadu. The policy sets a national benchmark for how States can systematically nurture research-led, IP-intensive startups and build globally competitive deep tech ecosystems.

Aligned with the Hon'ble Chief Minister's vision of making Tamil Nadu a \$1 trillion economy, the five-year policy sets out to:

- Support 100 deep tech startups
- Mobilise ₹100 crore in public and private investments
- Facilitate technology transfer and IP commercialisation
- Train 10,000+ students & professionals in advanced deep tech skills

The policy adopts a holistic approach to nurture innovators across the entire lifecycle, from early-stage research and proof-of-concept to commercialisation, scale-up, and global market access. Anchored in the State's strengths and future growth potential, the policy identifies priority sectors and frontier technologies,

enabling cross-sector innovation and the creation of clusters of excellence across Tamil Nadu.

Strong emphasis is placed on intellectual property creation, retention, and commercialisation through patent support, technology transfer facilitation, and the creation of a unified digital platform that offers startups single-window access to infrastructure, regulatory facilitation, pilot opportunities, and policy incentives.

iTNT Hub is the nodal implementing agency for the policy. With the launch of the Tamil Nadu Deep Tech Startup Policy, the Government of Tamil Nadu reiterates its commitment to transforming research excellence into economic value, accelerating indigenous innovation, and positioning Tamil Nadu – and India – at the forefront of the global deep tech revolution.

Present on the occasion were Dr. Palanivel Thiaga Rajan, Hon'ble Minister for IT&DS; Thiru. T.M. Anbarasan, Hon'ble Minister for Micro, Small & Medium Enterprises; Thiru. T.R. Baalu, MP, Sriperumbudur Constituency; Thiru. Brajendra Navnit, I.A.S., Principal Secretary to Government, IT & DS Department; and Dr. K.P. Karthikeyan, I.A.S., Managing Director, ELCOT.

Access the TNDTSP



Policy Key Highlights



# Thiru. Udhayanidhi Stalin - About iTNT Hub

Hon'ble Deputy Chief Minister of Tamil Nadu  
January 10, 2025, at UmanageTN



The Hon'ble Deputy Chief Minister Thiru. Udhayanidhi Stalin in his chief guest address at the valedictory of UmanageTN on January 10, 2025 noted that the Startup ecosystem is growing at a rapid pace through

Initiatives like iTNT. The Tamil Nadu Government is also encouraging startups by tying up with incubators, he said, adding that several initiatives have helped startups scale their operations and secure funding.

# Dr. Palanivel Thiaga Rajan - About iTNT Hub

Hon'ble Minister for Information Technology & Digital Services  
April 25, 2025, Tamil Nadu Legislative Assembly



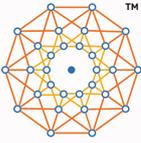
The Hon'ble Minister lauded iTNT Hub and its role in shaping the Deep and Emerging Tech Innovation ecosystem of Tamil Nadu. Here are excerpts from his speech:

iTNT Innovation and Technology Hub of Tamil Nadu was established when I was the Finance Minister. In coordination with the then IT Minister Thiru. Mano Thangaraj we together sought funding from the Union Government and created iTNT Hub.

The Hub is functioning efficiently. We request the Centre to allocate additional funding and announce further plans for the Hub that is expanding at a high rate.

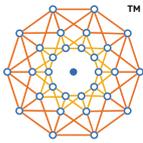
The DeepTech startup innovation centre has signed

MoUs with foreign universities and incubators and is functioning as a Hub for resources for startups. It has a number of patents from various universities and colleges and research institutes in a platform called the JIGSAW which functions as a resources allocation and sharing for the startups.



## iTNT Hub Milestones

- 1** Inaugurated by Hon'ble Chief Minister on 15th May 2023.
- 2** iTNT Hub currently supports 174 Deep Tech and Emerging Tech Startups and mentored 2,200+ entrepreneurs for various technology and business aspects.
- 3** JIGSAW portal was launched by Hon'ble Deputy Chief Minister on February 24, 2024.
- 4** Launched 30 Deep and Emerging tech products until now.
- 5** MoUs with 28 Deep tech and Emerging tech Incubators.
- 6** Launched Foundation Fund to invest in Tamil Nadu based Deep tech and Emerging tech startups supported by iTNT Hub.
- 7** TN-UAE Innovation & Startup Bridge launched by Hon'ble Minister for IT & DS Department in October 2024.
- 8** Works for TN-Singapore & TN-Western Australia Innovation & Startup Bridge are underway.
- 9** Tamil Nadu Technology Transfer Facilitation Centre (TNTTFC) for Deep Tech Innovations launched on July 17, 2025.
- 10** 1st Innovate In TN (IN2TN) IP Conclave was organized on July 30, 2025.
- 11** Trans State MoUs for better access of resources, labs and technologies.
- 12** Industry innovation challenges with reputed organizations, Government of Tamil Nadu, by connecting them with academia and startups to solve real time industrial and social economic challenges.
- 13** Established Regional Hubs in Tiruchirappalli and Madurai in September 2025 and in Coimbatore in November 2025 to extend the hub's initiatives to Tier 2 and Tier 3 cities.
- 14** Tamil Nadu Deep Tech Startup Policy 2025-26 was launched by the Hon'ble Chief Minister on January 8, 2026.



## iTNT Hub Initiatives

### **BEACON**<sup>TM</sup>

By Tamilnadu Technology Hub

Business Exploration & Acceleration Creation of New ventures (BEACON), an intensive bootcamp designed to validate, refine & launch early stage startups

### **iACCELERATE**<sup>TM</sup>

By Tamilnadu Technology Hub

Acceleration program focuses on startups at TRL 5 and above, providing comprehensive support for market analysis, fundraising and market access

### **International Pavillion**

A dynamic platform for innovators to showcase solutions, build partnerships, and access soft-landing support for market entry, pilots, and global cross-border expansion

### **TNTTFC**

Tamil Nadu Technology Transfer Facilitation Centre (TNTTFC) for Deep Tech innovations bridges the gap between research and real-world applications by driving commercialization

### **FOUNDATION** **FUND**

By Tamilnadu Technology Hub

Financing Opportunities for Unleashing Deep Tech Advancements & Transformative Innovations (FOUNDATION) seed fund for PATHFINDER & iAccelerate startups

### **Regional Hubs**

Strengthening the Deep & Emerging Tech ecosystem in the Tier II & III regions of the State through regional hubs in Trichy, Madurai and Coimbatore by empowering local talent

### **Research-to-Startup (R2S)**

Graduating BEACON researchers get a unique opportunity to access this R2S grant to transform their research into successful startups

### **PATHFINDER**<sup>TM</sup>

By Tamilnadu Technology Hub

Promoting Advanced Technologies & Innovations by Nurturing Entrepreneurs (PATHFINDER) incubation program extending comprehensive vital support for prototype stage startups

### **iTNT Foundry (Venture Studio)**

Building and co-creating ventures by combining breakthrough research, entrepreneurial talent, industrial partnerships, and early-stage capital to deliver high-impact startups

### **JIGSAW**

Joint Innovation Gateway for Synergetic Startup - Academic - Industry - Investor Work (JIGSAW) forging connection across the ecosystem to foster transformative solutions

### **IP Clinic**

Guiding Deep & Emerging Tech startups and innovators protect, strategise and navigate the complexities of Intellectual Property in patent filing, copyrights, and trademarks

### **FOUNDATION Network**

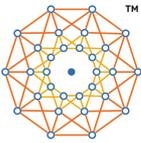
Connecting incubated and accelerated startups with investors, offering capital, mentorship, and industry expertise to fast-track their innovation to market impact journey

### **DeepTech Hardware Design Scheme**

High subsidies to help startups and researchers develop complex ideas into aesthetically appealing and market ready hardware products

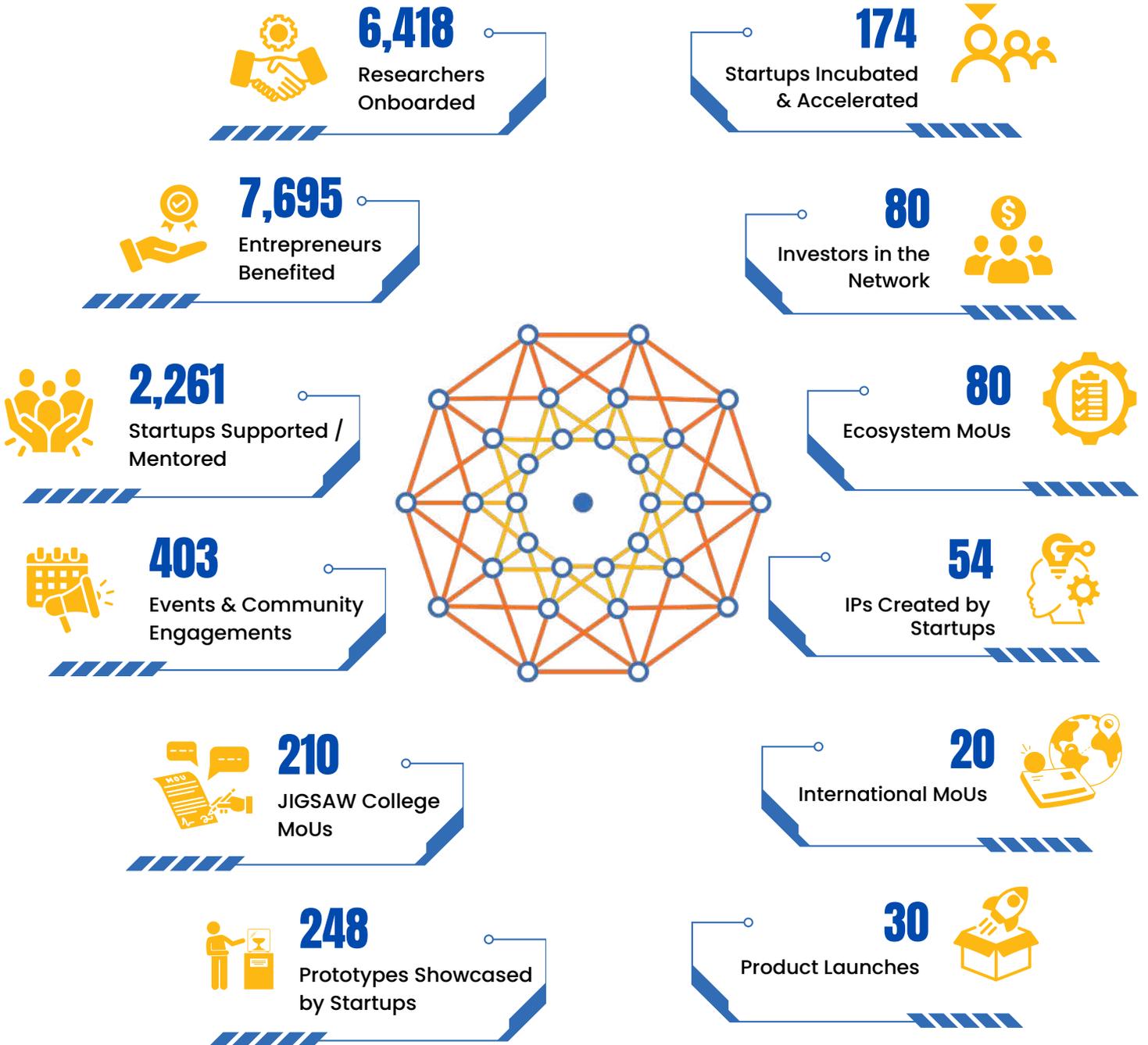
### **Research-to-Revenue (R2R)**

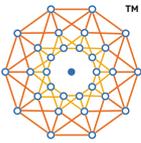
Startups created through R2R initiative will receive support for revenue generation through grants to further efforts of commercialization



# iTNT Hub

## Impact





## Assembly Announcements 2025-26



The Hon'ble Minister for IT&DS Dr. Palanivel Thiaga Rajan announced the "Technology Product Design Scheme" by iTNT Hub during the demand for grants session before the Tamil Nadu Assembly on April 25, 2025.

### Technology Product Design Scheme

Deep Tech and Emerging Tech startups predominantly develop hardware products that involve design, and engineering among other complex, resource-intensive processes. The Government is keen to promote 'Made in Tamil Nadu' and to support these intricate manufacturing aspects it is important to bring together design expertise and advice and provide cost-effective solutions on real time design problems.

To facilitate new product development, continuous improvement, and value addition in hardware product design, the Government will roll out a "Deep Tech Hardware Product Design Scheme". Under the PPP model, 75% subsidy, to a maximum of Rs. 15 Lakh per startup will be given to help their product development with better design aesthetics and eventual commercialization.

**Update :** Pilot acceleration launched in February 2026.

## Assembly Announcements 2024-25

The Hon'ble Minister made the following two announcements during the demand for grants session before the Tamil Nadu Assembly on June 28, 2024.

### Formulation of "Tamil Nadu Deep Tech Policy"

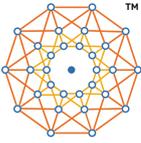
Deep Tech & Emerging Tech, encompassing research-based breakthroughs in areas like AI, creative tech, material sciences, nanotechnology, quantum computing, etc. are the basis for leapfrogging innovations. Aimed at developing advanced technological solutions to important problems, innovation-driven startups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

**Update :** Tamil Nadu Deep Tech Startup Policy 2025-26 launched on January 8, 2026.

### Innovate IN TN IP Conclave

Intellectual Property is the cornerstone for Deep Tech and Emerging Tech startups. Over the last two years, Tamil Nadu has been the leader in patent filing in India with 12,948 patents, mainly driven by Deep Tech innovations. To establish the State as an IP capital, and to promote IP commercialization by facilitating technology transfers between academia, researchers, innovators, and startups & industry, the Government will organize an annual "Innovate in Tamil Nadu" (IN2TN) conclave.

**Update :** Conclave held on July 30, 2025.



# Tamil Nadu Technology Transfer Facilitation Centre for Deep Tech Innovations



In a major leap towards commercialisation of technology and bridging the industry - academia gap in the fast-evolving Deep Tech ecosystem, the Hon'ble Minister for Information Technology & Digital Services (IT&DS) Dr. Palanivel Thiaga Rajan on 17th July 2025 inaugurated the Tamil Nadu Technology Transfer Facilitation Centre (TNTTFC) for Deep Tech Innovations at iTNT Hub, Chennai.

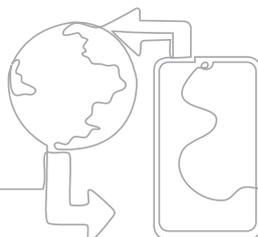
The Government of Tamil Nadu issued a Government Order (G.O.(Ms) No.58), for the project at iTNT Hub to establish a state-wide hub to bridge the gap between academic institutions, research organizations and industries. It will facilitate the efficient transfer of deep-tech innovations to commercial entities, ensuring that Tamil Nadu's leading IP and research ecosystem translates into economic and societal benefits.

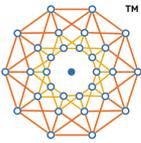
Funded by the Tamil Nadu Government under the Tamil Nadu Innovation Initiatives (TANII), the Centre was dedicated in the presence of Dr. J. Jeyaranjan, Executive Vice Chairman of the State Planning Commission;

Thiru. Brajendra Navnit, I.A.S., Principal Secretary to Government, IT&DS Department; and Ms. Vanitha Venugopal, CEO, iTNT Hub.

TNTTFC provides a centralized platform for technology commercialization, including IP management, licensing and market analysis. Actively supporting startups, MSMEs, and researchers in scaling and commercializing innovative technologies through structured funding, training and mentorship programs, the Centre acts as a catalyst for Deep Tech growth by fostering industry partnerships, policy interventions and global collaborations.

Strengthening Tamil Nadu's position as a DeepTech innovation hub, contributing to global advancements and reinforcing the state's leadership in economic growth, the TNTTFC is systematically addressing challenges such as fragmented networks, regulatory barriers and commercialization hurdles, enabling Tamil Nadu to compete at an international level in fields like AI, semiconductors, biotechnology and clean energy.





# JIGSAW

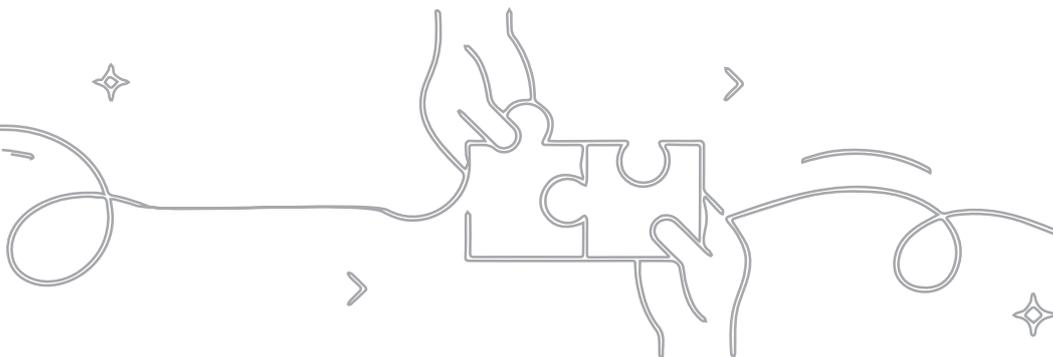
## Launch

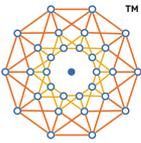


JIGSAW (Joint Innovation Gateway for Synergistic Startup-Academic-Industry-Investor Work), the innovation platform facilitated by Tamil Nadu Technology (iTNT) Hub. It fosters Industry - Academia collaboration and advancement, encompassing academia, industries, deeptech startups, venture capitalists and students as stakeholders. The Innovation Portal was launched at the UmagineTN 2024 by the Hon'ble Deputy Chief Minister of Tamil Nadu, Thiru. Udhayanidhi Stalin, in the presence of the Hon'ble Minister Dr. Palanivel Thiaga Rajan,

Department of Information Technology and Digital Services, Thiru T.M.Anbarasan, Hon'ble Minister for Micro, Small and Medium Enterprises MSME, Government of Tamil Nadu, and other dignitaries who attended this magnificent event.

JIGSAW has on boarded 6,438 Researchers, 2,017 Patent holders with 2,814 Patents, 403 Startups 93 VCs, 598 Students and 60 Mentors to its platform.





## FOUNDATION Fund Launch



The FOUNDATION (Financing Opportunities for Unleashing Deeptech Advancements & Transformative Innovations) Fund by iTNT Hub was launched by the Hon'ble Minister for IT & DS, Dr. Palanivel Thiaga Rajan, at the valedictory of UmagineTN 2025 on January 10, 2025.

### Fund Highlights

- ▶ FOUNDATION Fund will invest in TN-based Deep & Emerging Tech startups supported by iTNT Hub, with support from MeitY and Government of Tamil Nadu.

- Up to Rs. 40 Lakh investment for iTNT supported TN-based Deep & Emerging Tech startup.
- Fund aims bringing together angel investors, HNIs', VCs' to create FOUNDATION Network.

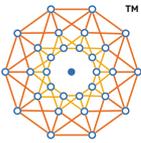
## iAccelerate Launch



The Hon'ble Minister for Information Technology & Digital Services, Palanivel Thiaga Rajan, launched the first cohort of iAccelerate - iTNT Hub's flagship acceleration program - in November 2024. Designed as a four-month intensive hybrid program, iAccelerate supports growth-stage startups building next-generation transformative technologies and enables them to scale with structured, outcome-driven support.

iAccelerate 1.0 brought together 25 innovative, Tamil Nadu-based, sector-agnostic emerging and Deep Tech startups above TRL 5. Building on its success, 21 startups from iAccelerate 2.0 graduated in the presence of the Hon'ble Minister, while 22 startups from iAccelerate 3.0 culminated in a successful physical and virtual Demo Day in February 2026, further strengthening iTNT Hub's role in scaling high-potential technology ventures.

Through curated workshops, focused mentor engagements, market access initiatives, investor connect sessions, and strategic networking opportunities, participating startups gained the capabilities required to accelerate growth. Many have since secured investments and expanded market access. Each cohort concludes with a dedicated Demo Day, where venture capitalists actively engage with startups, fostering meaningful investor-startup connections and opening pathways for funding, collaboration, and sustained growth.



# National & International Collaborations

## UmanageTN 2026



In the presence of Thiru. Udhayanidhi Stalin, Hon'ble Deputy Chief Minister of Tamil Nadu, iTNT Hub further strengthened Tamil Nadu's Deep and Emerging technology ecosystem through a series of strategic collaborations with leading national and international partners, at the valedictory of UmanageTN 2026.

iTNT Hub exchanged four Letters of Intent (LoIs) and eight Memorandums of Understanding (MoUs) with premier academic institutions, global innovation platforms,

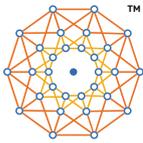
quantum technology leaders, investors, and intellectual property experts, reinforcing its commitment to accelerating startup innovation across cutting-edge domains.

These exchanges were formalised by Ms. Vanitha Venugopal, CEO of iTNT Hub. Dr. Palanivel Thiaga Rajan, Hon'ble Minister for IT & DS, Thiru. Brajendra Navnit, I.A.S., Principal Secretary, IT & DS Department senior bureaucrats, heads of government departments, and prominent industry leaders were present on the occasion.



### IITM C-DOT Samgnya Technologies Foundation Highlights

- ▶ Joint incubation program to enable the translation of quantum research into startup ventures
- ▶ Shared access to advanced quantum infrastructure across IIT Madras and iTNT Hub
- ▶ Launch of quantum-focused innovation challenges and problem statements
- ▶ Train-the-trainer initiatives, structured skill development & capacity-building programs



### IIITDM Kancheepuram Highlights

- Support for the Tamil Nadu Hardware Design Scheme
- Product development assistance and co-incubation of startups
- Technical mentoring and expert guidance
- Joint capacity-building and skill development initiatives
- Infrastructure and resource sharing



### Expansion of Foundation Network Highlights

- Structured access to the iTNT Hub's startup portfolio for investment evaluation
- Investor-startup mentorship focused on business models and financial projections

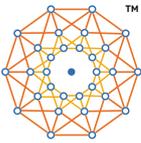
### XeedQ Highlights

- Free remote access for three months to XeedQ's 4-qubit quantum computing system for Tamil Nadu researchers, innovators, and startups through iTNT Hub
- Skill development and capacity-building programmes in quantum technologies for researchers, startups, and educators



### Dubai World Trade Centre Highlights

- Facilitate curated introductions to global investors, corporates, and policy leaders for Tamil Nadu startups at GITEX events
- Access for Tamil Nadu startups to the GITEX Supernova Challenge pitching platform and support fast-track company setup and related services
- Positioning Tamil Nadu, through iTNT Hub, as a strategic Indian partner within Dubai's innovation ecosystem



# IN<sup>2</sup>TN IP Conclave



iTNT Hub hosted the State's 1st Innovate In Tamil Nadu (IN<sup>2</sup>TN) IP Conclave, where a series of strategic MoUs and Lols were exchanged with key stakeholders from industry, academia, research institutions, and Government agencies. The collaborations aim to accelerate technology transfer, strengthen Tamil Nadu's IP ecosystem, and drive commercialization of innovations across Deep and Emerging Tech sectors.

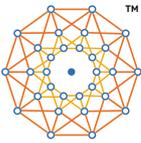


## Launch of the FOUNDATION Network

A strategic initiative to connect its incubated and accelerated startups with potential investors, the network aims to provide these startups with access to capital as well as mentorship and industry expertise, accelerating their journey from innovation to market impact. Investor networks that handed over the Lol to be part of the Network: Algram Labs, 4i Airavat Ventures, Malabar Angels, Campus Angels, IN44 Capital, Keiretsu Capital, Lead Invest, Pontaq, Enlighten Capital, Artha99, Artha Venture Capital, Peaceful Progress & IvyCap Ventures.

## Highlights

- ▶ Connecting investors with iTNT Hub portfolio startups seeking capital through profiles, meetings, and direct connections.
- ▶ Promoting risk investment, encouraging investors to contribute both funding and their expertise.



### NRDC Highlights

- Technology Transfer Management & Mentoring Support.
- Linking to Startup India Mission & technology sourcing support from GoI Labs/Institutions.
- Facilitation of Technology Marketing in India and abroad.
- Support in IPR Awareness & sensitisation in TN Tier 2 & Tier 3 cities.
- Technology Readiness Level Certification through NRDC - NETRA Program.



### ASME Highlights

- DeepTech Hardware Product Design support.
- Preferential access to ASME's flagship programs such as International Mechanical Engineering Congress & Exposition (IMECE) and iShow.
- Strengthening the hardware product design ecosystem through sensitisation events for TN Tier 2 & 3 cities.
- Joint hardware and product design challenges.

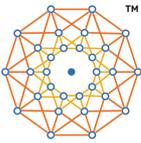
### BOSCH Global Software Technologies Highlights

- Corporate led co-incubation support programs.
- Collaborate on joint innovation challenges for solution identification and acquisition.
- Access to Bosch's technical mentorship and advanced labs.



### C-DAC, Bangalore Highlights

- Access to Supercomputing facilities such as PARAM Utkarsh and other quantum infrastructure.
- Enable joint research & product development in technology domains such as HPC, AI, Cybersecurity, IoT, Quantum, and Strategic Electronics.
- Access to labs & technical mentorship from CDAC Technology experts.



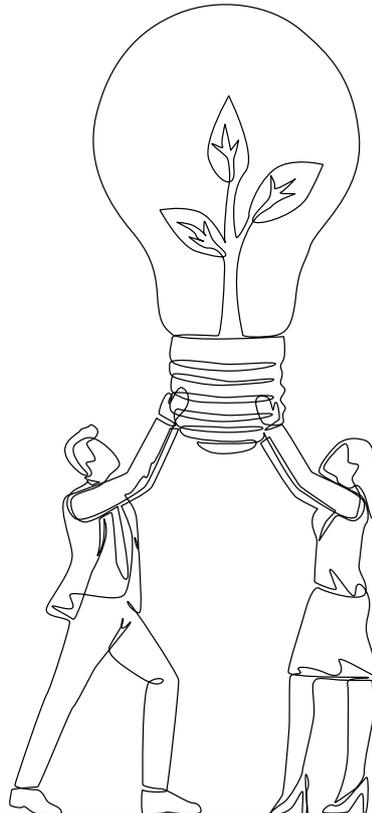
### I-STEM Highlights

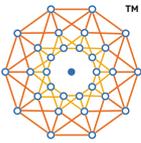
- ▶ Facilitating access to (Pan-India Govt) lab equipment via the I-STEM portal.
- ▶ Create focussed "Women-in-Tech" program & Lab-to-Market Discovery Tours.
- ▶ Supporting in TN Startup & (pan-India) Researcher mentor matching.



### Mahindra & Mahindra Highlights

- ▶ Corporate led co-incubation support programs.
- ▶ Collaborate on joint innovation challenges for solution identification and acquisition.
- ▶ Access to M&M's technical mentorship and advanced labs.





# UImagineTN 2025



iTNT Hub exchanged strategic Memorandums of Understanding with 8 key national and international ecosystem leaders at UImagineTN on January 10, 2025, to support the Deep and Emerging Tech startups in Tamil Nadu. These MoUs were exchanged between the Chief Executive Officer of iTNT Hub Ms. Vanitha Venugopal and the heads and senior representatives of the

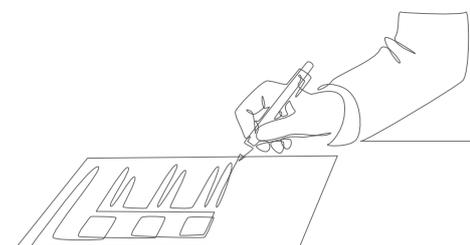
organizations in the presence of the Hon'ble Minister for Information Technology & Digital Services Dr. Palanivel Thiaga Rajan, Thiru. Neeraj Mittal, I.A.S., Secretary, Department of Telecommunications, Government of India; Thiru. Kumar Jayant, I.A.S., Additional Chief Secretary to Government, IT&DS Department; senior bureaucrats, heads of government departments and industry leaders.

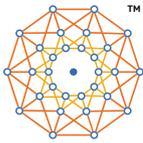
## Centre for Development of Advanced Computing Highlights

- ▶ Driving innovation in High-performance Computing, AI, Quantum Computing, Cybersecurity, and Healthcare Technologies.
- ▶ Enabling startups and innovators access C-DAC's expertise and resources.

## Kerala Startup Mission Highlights

- ▶ Best practices sharing, promoting technology transfer and innovation, access to Fablabs.
- ▶ Running Government As A Marketplace program and various funding schemes.





**Game Developers Association of India Highlights**

- ▶ Access to cutting-edge resources, mentorship, and industry insights.
- ▶ Positioning Tamil Nadu as a leading hub for gaming innovation.

**VFX, Animation and Gaming Society Highlights**

- ▶ Empowering startups to innovate & excel in the AV sector & related technologies.
- ▶ Fostering a vibrant community, driving growth, collaboration & global opportunities.

**IIT Madras Research Park Highlights**

- ▶ Enabling seamless access to IIT MRP's state-of-the-art infrastructure
- ▶ Accelerating development & commercialization of DeepTech solutions.

**Action Community for Entrepreneurship, Singapore Highlights**

- ▶ Supporting Tamil Nadu-based startups in exploring Southeast Asian markets.
- ▶ Leveraging ACE's expertise & networks for market immersion programs, mentoring, and investor connections.

**Maker Village Highlights**

- ▶ Enable holistic ecosystem development, impactful technological & societal progress.
- ▶ Promote cooperation among startups, innovators, academia and corporates.
- ▶ Best practices sharing and assistance with developing DPR to tap into Central Government projects and schemes.

**NASSCOM Foundation Highlights**

- ▶ Driving impactful innovation challenges and startup support programs.
- ▶ Addressing pressing industry and societal challenges by empowering startups.



**GITEX 2024**

One of the highlights of the World Future Economy Digital Leaders Summit on the Main Stage of the closing day of Gitex Global 2024 was exchange of agreements with leading ecosystem stakeholders in Dubai to extend support to Tamil Nadu based Deep and Emerging Tech startups.

The agreements were exchanged by iTNT Hub CEO Ms. Vanitha Venugopal in the presence of the Hon'ble Minister for IT & DS, Dr. Palanivel Thiaga Rajan. iTNT Hub also announced "Tamil Nadu - UAE Innovation & Startup Bridge" to connect Tamil Nadu registered startups to the UAE Ecosystem.



**Sharjah Research Technology & Innovation Park Highlights**

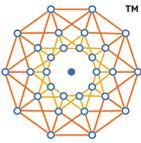
- ▶ Create joint startup support programs.
- ▶ Access to space & equipment for TN startups.

**Entrepreneur Highlights**

- ▶ Launching and expanding TN startups into the Middle East
- ▶ Access to co-working spaces in the United Arab Emirates

**Rochester Institute of Technology, Dubai Campus Highlights**

- ▶ Innovation and research-based startup exchange.
- ▶ Technical mentorship to startups.



## iTNT Day 2024



iTNT Hub further solidified its role as a catalyst for innovation in Tamil Nadu by signing eight strategic Memorandums of Understanding (MoUs) with prominent Industry Partners at iTNT Day on July 11, 2024. These partnerships were to enhance the State's Emerging and Deep Tech startup ecosystem, providing a robust foundation for growth and development.

The MoUs were exchanged by iTNT Hub CEO Tmt. Vanitha Venugopal in the presence of the Hon'ble Minister for IT & DS Dr. Palanivel Thiaga Rajan; Vice Chairman of the State Planning Commission Dr. J. Jeyaranjan; MeitY Secretary

Thiru. Krishnan S., I.A.S.; Additional Chief Secretary to Government, IT & DS Department, Thiru. Dheeraj Kumar, I.A.S.; and others.

### Tamil Nadu Smart and Advanced Manufacturing Centre Highlights

- ▶ Access to startups associated with iTNT Hub to their equipment at 50% discount.
- ▶ Facilitate market access and support startups through capacity-building sessions.

### DLabs @ Indian School of Business Highlights

- ▶ Support researchers in Technology Transfers and Commercialization of innovative solutions.
- ▶ Run joint startup support programs like acceleration to facilitate market access opportunities for entrepreneurs.

### Tamil Nadu Centre of Excellence for Advanced Manufacturing Highlights

- ▶ Facilities at a 50% discount.
- ▶ Funding opportunities capacity-building workshops.

### T-Hub Highlights

- ▶ Facilitating technology transfers, running joint incubation and acceleration programs.
- ▶ Conduct industry expert sessions, and provide access to grants and competitions.

### T-Works Highlights

- ▶ Jointly-run programs, share best practices, provide access to facilities.
- ▶ Creating a holistic innovation ecosystem.

### Tamil Nadu Infrastructure Fund Management Corporation Ltd Highlights

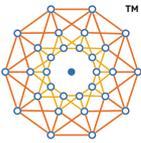
- ▶ Support investing in potential startups, by scaling and accelerating them.

### Amazon Web Services Highlights

- ▶ Mentorship, technical expertise, workshops, and funding opportunities for startups.
- ▶ Generative AI startup program to develop solutions for public-centric initiatives

### ID8NXT & Azure Society of Excellence Microsoft Highlights

- ▶ Access to up to \$1,50,000 Azure credits & \$2,500 OpenAI credits to experiment with LLMs
- ▶ Facilitate 1:1 interaction with Microsoft AI experts



## Dubai CommerCity



To foster innovation in the deep and emerging technology sector and create collaboration opportunities for startup entrepreneurship, a Letter of Intent (LoI) was exchanged between Tamil Nadu Technology Hub (iTNT) and Dubai CommerCity LLC in Chennai on 12th February 2025. The LoI was exchanged between Ms. Vanitha Venugopal, CEO, iTNT Hub, and Mr. Arjun Sarkar, Vice-President, Digital Ecosystem and Partnerships, Dubai CommerCity LLC.

### Highlights

- Collaboration with Ecosystem Partners
- Joint Acceleration Programs
- Startup Exchange
- Industry Expert Sessions
- Startup Showcases
- Peer Learning Networks
- Startup Support Groups
- Investor Meets

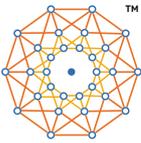
## Rutgers Global @Rutgers, The State University of New Jersey.



To advance deep tech innovation and foster collaboration in R&D, academia, and startups, iTNT Hub and Rutgers University, New Jersey, exchanged a Letter of Intent (LoI) on 11th November 2024. The exchange, between iTNT CEO Ms. Vanitha Venugopal and Mr. Bill Noonan of Choose New Jersey, took place in the presence of Thiru. Kumar Jayant, I.A.S., Additional Chief Secretary to the Government, Information Technology & Digital Services Department, Government of Tamil Nadu and U.S. Consul General Mr. Christopher W. Hodges.

### Highlights

- Co-development of innovation-led products and technologies
- Collaboration in thematic programs for startups



## Tier II & III Regional Hubs

In a decisive step in decentralising Deep Tech & Emerging Tech innovation beyond the State Capital, iTNT Hub launched three regional hubs in Tier II & III cities of Tamil Nadu.



### Trichy Regional Hub

The iTNT Trichy Regional Hub was inaugurated at the Anna University Regional Engineering College, Tiruchirappalli, on 22nd September 2025. The hub caters to the ecosystem in 11 districts – Tiruchirappalli, Karur, Thanjavur, Tiruvarur, Nagapattinam, Pudukkottai, Ariyalur, Perambalur, Mayiladuthurai, Cuddalore & Kallakurichi.

**Impact:** iTNT Hub signed MoUs to onboard 55 colleges and 346 researchers from in an around Trichy to the JIGSAW innovation platform, while also supporting 6 startups through Pathfinder and Acceleration programs.



### Madurai Regional Hub

The iTNT Madurai Regional Hub was inaugurated at the Anna University Regional Engineering College, Madurai, on 26th September 2025. The hub covers five key districts – Madurai, Virudhunagar, Dindigul, Theni, and Sivagangai, playing a pivotal role in reshaping the R&D&I landscape of southern Tamil Nadu.

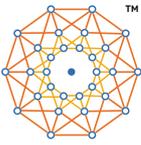
**Impact:** iTNT Hub has signed MoUs with 40 colleges and 182 researchers have been onboarded to the JIGSAW platform, accelerated structured research translation and supporting 8 startups under the Pathfinder program.



### Coimbatore Regional Hub

The iTNT Regional Hub was inaugurated at the Government College of Engineering, Coimbatore, on 22nd November 2025 to cater to the ecosystem in western Tamil Nadu – comprising Coimbatore, Tirupur, Erode, and The Nilgiris.

**Impact:** iTNT Hub inked MoUs with 73 colleges and 1,502 researchers to the JIGSAW platform. Three startups have been onboarded at the Coimbatore Regional Hub under the iAcceleration and Venture Studio cohorts.



## International Pavilion

### GITEX Global & Expand North Star, Dubai – 2025



For the 3rd year in succession, iTNT Hub took our startup delegation to GITEX Global & Expand North Star 2025, the annual mega startup and innovation extravaganza. iTNT Hub team led a sponsored delegation of 10 innovative Deep & Emerging Tech startups from its portfolio and those incubated at its incubators. The founders met potential investors and clients, had interactions with global counterparts, and understood overseas markets to adapt their solutions to demographic regulations and demands.

### GITEX & Expand North Star, Dubai - 2024



Hon'ble Minister for IT & DS, Dr. Palanivel Thiaga Rajan, and iTNT Hub with eight promising deep tech startups from Tamil Nadu, participated in GITEX and Expand North Star in October 2024. At the AI DeepTech Pavilion, TN startups showcased their innovations to an international audience from continents. The Hon'ble Minister shared his insights on Spearheading Tamil Nadu's vision for Emerging & Deep Tech Innovation, in a thought-provoking Fireside Chat on "Architecting the Digital Future: Policy Frameworks for Tech Hubs and Data Centre Markets in South Asia".

**Impact:**  
FocuzAR expanded to the Dubai market with support from the Dubai International Financial Centre (DIFC).

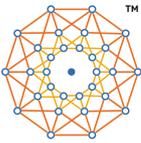
Renonix entered discussions with Sharjah Research, Technology and Innovation Park (SRTIP) for market access.

### SWITCH, Singapore



A team from iTNT Hub led by the CEO, Ms. Vanitha Venugopal, along with a delegation of 6 deep-tech startups from Tamil Nadu, participated in SWITCH 2024, Singapore, in October 2024.

**Impact:**  
Yagen Robotics is in discussion with a vendor to supply robotic labs for a college in Singapore.



## West Tech Fest, Australia



iTNT Hub made a significant presence at the West Tech Fest in Perth, from December 2 to 6, 2024, fostering global partnerships, exploring investment opportunities. It showcased the vibrant startup ecosystem in Tamil Nadu. The Hon'ble Minister for IT & DS, Dr. Palanivel Thiaga Rajan, led the delegation comprising Thiru. Kumar Jayant, I.A.S., Additional Chief Secretary, IT & DS Department, iTNT Hub CEO Ms. Vanitha Venugopal and startups.

**Impact:**

Blunav Technologies secured a project with Karratha Airport. Xera Robotics applied for Australian Automation and Robotics Precinct Start Program in Perth.

## Innovation Challenges

### Unlock The Future: Innovation Challenge



iTNT Hub launched the "Unlock the Future" Innovation Challenge which attracted more than 500 applications from across the State. It opened the doors to all seasoned developers, aspiring entrepreneurs, and creative problem-solvers and to transform ideators and innovators into tech entrepreneurs.

**Impact:**

The winners of the top three places were recognised at the iTNT Industry Future Conclave on September 06, 2024, with a cash prize of Rs. 1.5 lakh each. This was in addition to incubation support from iTNT Hub. The winners: 1. Healthcare startup M/s. Vyuhaa Med Data Private Limited for their solution on AI & IoT for Real-time Data Analysis and Decision Making; 2. Sustainability startup M/s. Daijo Private Limited for their solution on Resource Consumption Reduction; 3. Climate Tech startup Climatequant Tech Private Limited for their Supply Chain Transparency & Efficiency solution Carbon Compete.

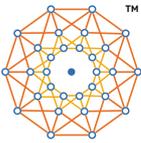
### "Break the Loop" Innovation Challenge



iTNT Hub conducted the 'Break the Loop' Innovation Challenge in June 2024, in collaboration with Rolls-Royce India. The challenge addressed the threat of heat waves and their societal and environmental impacts, drawing over 30 applications from startups and researchers in the cleantech and sustainability sectors across Tamil Nadu.

**Impact:**

The winners 1. Karotimam Innovations Pvt Ltd; 2. Climatequant Tech Pvt Ltd (CarbonCompete); & 3. Kalki Energy Salvation, Periyar Maniammai Institute of Science & Technology received mentorship from Rolls Royce and were also inducted to the PATHFINDER incubation program of iTNT Hub.



## Public Sector Innovation Challenge



iTNT Hub in collaboration with Amazon Web Services conducted the "Public Sector Innovation Challenge" to empower startups in developing AI-driven solutions for real-world public sector challenges. Launched by the Hon'ble Minister for IT&DS Dr. Palanivel Thiaga Rajan, a total of 121 applications were received.

Impact: The challenge concluded in May 2025, with a jury of AWS, investors and industry representatives identifying the following three winners: 1. AITamizh Pvt Ltd; Cittaa Health Services Pvt Ltd; 3. Vyuhaa Med Data Pvt Ltd. AWS is offering up to \$10,000 in AWS credits to each of the winners.

iTNT Hub awarded vouchers worth ₹1 lakh each to AI startups among the winners and finalists upon their onboarding into its incubation and acceleration programs.

## Bosch Innovation Challenge



As many as 192 contestants comprising researchers, startups and students shared their solutions for this Cyber Security Innovation Challenge. Jointly organized by iTNT Hub and Bosch Global Software Technologies, the challenge showcased how industry-driven challenges can enable impactful, real-world solutions.

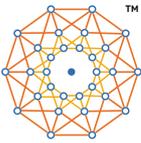
The top 10 were shortlisted and underwent a rigorous multi-stage evaluation process. At the finale in the iTNT Pavilion at UmagineTN 2026. ClouSec - a cybersecurity startup - was adjudged the winner for its outstanding solution and received the award from Dr. Palanivel Thiaga Rajan, Hon'ble Minister for IT & DS.

## Quantum Innovation Challenge



The Quantum Innovation Challenge was launched in UmagineTN 2026 by Dr. Palanivel Thiaga Rajan, Hon'ble Minister for IT&DS, to accelerate the growth of India's quantum ecosystem and enable the transition from research to deployable technologies.

Curated by iTNT Hub, the challenge draws deep-tech problem statements emerging from the IIT Madras-CDOT-SAMGNYA ecosystem. The challenge targets innovation across five strategic sectors—communication, computing, security, hardware subsystems, and software development.



# Advanced Manufacturing Innovation Challenge



Dr. Palanivel Thiaga Rajan, Hon'ble IT & DS Minister launched the Advanced Manufacturing Challenge at UImagineTN 2026 to address a critical hardware challenge in the semiconductor fabrication process. Curated by iTNT Hub, anchored by KAS Equipment, and supported by Kairos Co-Labs as the program partner, the initiative focuses on precision engineering and equipment-grade innovation. The challenge invites deep-tech startups, hardware innovators, and researchers to develop solutions in:

- ▶ Precision hardware and process innovation
- ▶ Thin-film deposition systems
- ▶ Manufacturing reliability and process uniformity
- ▶ Semiconductor equipment-grade technologies

## Masterclasses

### AI Guardrails for Startups & Inventors

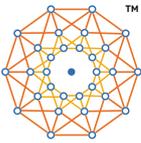


### Post-Quantum Cryptography



## Mentor Meets





## IVP Awareness Facilitation



## IP Clinic



## Innovation Voucher Program (IVP)



## Demo Day



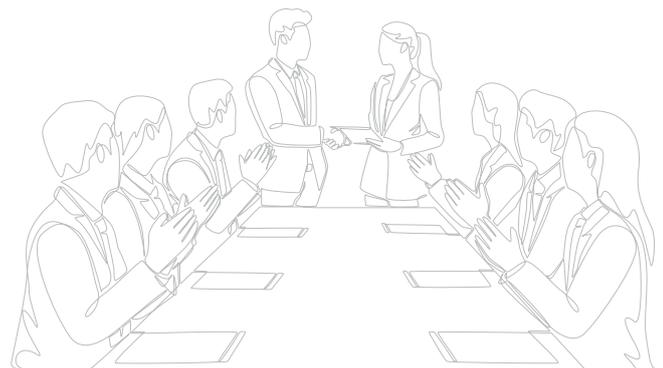
## BEACON

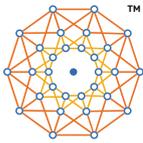


## AI Legal Draft Desk



## AI Help Desk

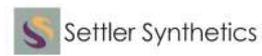


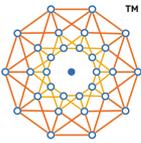


## Portfolio Startups Incubated at iTNT Hub

# PATHFINDER™

By Tamilnadu Technology Hub





## Venture Studio

iTNT Hub's Venture Studio represents a strategic step in our journey to build deep-tech ventures from the ground up. Designed as a high-engagement co-creation platform, it works closely with innovators, researchers, and founders. Through structured validation, product development support, go-to-market guidance, and access to mentors and investors, it enables breakthrough ideas into scalable, market-ready startups.

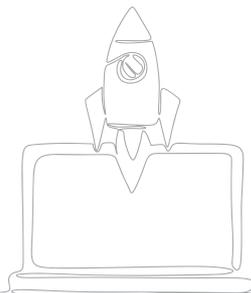
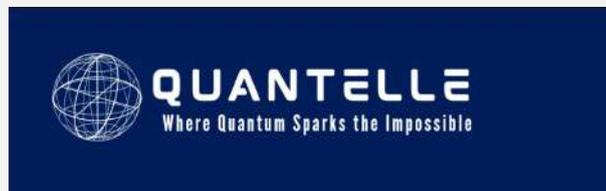
At UmanageTN 2026, six startups were onboarded into the first Venture Studio Cohort of the iTNT Hub in the presence of Dr. Palanivel Thiaga Rajan, Hon'ble Minister for IT & DS Dept.

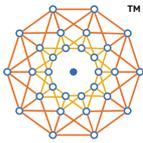


## Quantum Startups

Quantum technologies are poised to redefine computing, cybersecurity, advanced manufacturing, and scientific research, positioning Tamil Nadu at the forefront of next-generation innovation and strategic Deep Tech growth.

At UmanageTN 2026, six individual innovators and three startups were onboarded into the first cohort of Quantum Startups at iTNT Hub. These innovators and startups receive structured incubation support tailored to the unique demands of quantum research and commercialisation.



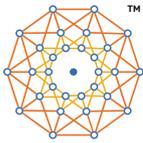


## Portfolio Startups Accelerated at iTNT Hub

# iACCELERATE™

By Tamilnadu Technology Hub





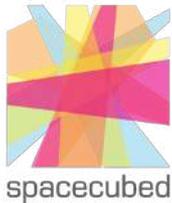
## iTNT Hub Government Partners



## iTNT Hub Industry Partners

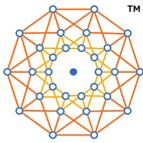


## iTNT Hub National & International Collaborators



Sponsored by Microsoft Azure





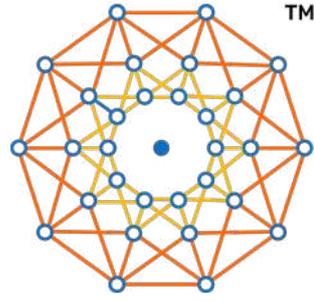
## iTNT Hub National & International Collaborators



## iTNT Hub Investment Partners



**iTNT**  
TAMILNADU TECHNOLOGY HUB



**Journey continues...**

**Connect with Us**

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3rd Floor, Sir C V Raman Science Block,  
Anna University Campus, Kotturpuram,  
Chennai – 600 025.

**Trichy Regional Hub**

University College of Engineering  
Bharathidasan Institute of Technology Campus  
Anna University, Tiruchirappalli - 620 024.

**Madurai Regional Hub**

Anna University Regional Campus, Madurai,  
NH-7, Kanyakumari National Highway,  
Keelakuilkudi Road, Madurai - 625 019.

**Coimbatore Regional Hub**

Government College of Technology (GCT)  
Campus PJ-102, Platinum Jubilee building,  
Thadagam Road, Coimbatore - 641013



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