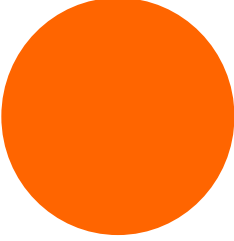


Deep Dive

May & June 2025



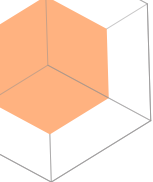
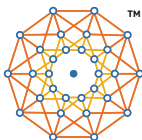


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Foreword

Dear fellow innovation stakeholders,

Greetings!!

India is leveraging its innovation through various paths breaking ecosystem from Startup India, Make in India and Made in India for Viksit Bharat. Tamil Nadu has been playing a key role in making the difference and the state has been a beacon of innovation, entrepreneurship, and industrial excellence. Today, as we navigate the complexities of a knowledge-driven economy, Intellectual Property (IP) has emerged as a vital pillar in shaping the future of innovation ecosystems. The State's commitment to fostering a robust IP culture is rooted in the belief that ideas - when protected and nurtured - can fuel not just enterprises, but economies.

It is in this context that the upcoming "Innovate in Tamil Nadu" (IN2TN) IP Conclave, organized by iTNT Hub, stands as a significant initiative. iTNT Hub has consistently pushed the boundaries in enabling technology-driven innovation across sectors. The IN2TN IP Conclave is poised to be a landmark event that brings together thought leaders, innovators, startups, academia, investors and industry stakeholders to explore the evolving landscape of intellectual property and its real-world impact.

From decoding global IP trends to highlighting homegrown success stories, this Conclave will serve as a collaborative platform to demystify IP and make it more accessible to all innovators in Tamil Nadu. It is not just about protection—it is about unlocking value, enabling partnerships, and driving the state's vision of becoming a global innovation hub.

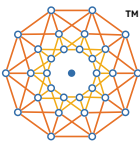
We appreciate and congratulate iTNT Hub team for curating this edition of the Deep Dive newsletter, which offers valuable insights into the Conclave and its broader implications for our innovation ecosystem. I encourage readers to engage, participate, and take forward the spirit of "Innovate in Tamil Nadu."

Let us celebrate the power of ideas—protected, shared, and scaled with great collaboration, co creation and convergence for innovation.



Dr. B.K. Sahu

Head-Outreach Office, National Research Development Corporation – Intellectual Property Facilitation Centre & WIPO-Technology & Innovation Support Centre



IT&DS

Minister's Diary

A glimpse of the Hon'ble Minister for Information Technology & Digital Services Dr. Palanivel Thiaga Rajan's action-packed May and June 2025, covering the initiatives launched, events hosted, and collaborations forged to strengthen the IT and Innovation landscape of Tamil Nadu.

Hon'ble Chief Minister Launches SimpleGov



The Hon'ble Chief Minister Thiru. M. K. Stalin launched the first phase of the SimpleGov initiative, a vision that had been announced in the 2023 Budget during Dr. Palanivel Thiaga Rajan's tenure as Finance Minister of Tamil Nadu. "Now, as the Minister for IT & Digital Services, I am proud to see that vision take shape under the aegis of my department, with the technical support of Tamil Nadu e-Governance Agency," he said and added that SimpleGov is a testament to the Hon'ble Chief Minister's unwavering commitment to translating policy announcements into action.

The roll-out of these digital services delivers governance that is simpler, faster, and more accessible to the people of Tamil Nadu. With ten key services—including Solvency Certificates, Conduct Certificates, Licenses for Old Age Homes and Working Women's Hostels, and NOCs for passport applications by government employees now made fully online the SimpleGov platform will expand to cover 150 services by next year. With QR codes, self-certification, and digital signatures now replacing physical inspections and manual procedures, Tamil Nadu is setting new standards in public service delivery."



Hon'ble Chief Minister Dedicates Projects in Madurai



The Hon'ble Minister Dr. Palanivel Thiaga Rajan received the Hon'ble Chief Minister Thiru. M.K. Stalin on his arrival at the Madurai Airport to take part in various Government events, including the dedication of completed projects and launch of various new projects. The Hon'ble Deputy Chief Minister Thiru. Udhayanidhi Stalin, and the Hon'ble Minister for Public Works Thiru. E.V. Velu also participated in the events.

Strengthening Ties with Western Australia



The Hon'ble Chief Minister Thiru. M.K. Stalin met with Dr. Diane Smith-Gander AO, Chancellor, and Ms. Jennifer Howell, Pro Vice-Chancellor (Global Engagement) of the University of Western Australia. Dr. Palanivel Thiaga Rajan who participated in the deliberations stated that Tamil Nadu's century-long commitment to



inclusive education and human capital development continues to draw the interest of global institutions. "The discussion focused on exploring opportunities to strengthen collaboration in education, research, and innovation between Tamil Nadu and Western Australia," he noted.

New ELCOT Office Inaugurated



The minister inaugurated the Electronics Corporation of Tamil Nadu's (ELCOT's) new office at the Sigapi Aachi Building, Egmore, Chennai and its refreshed brand transformation. This state-of-the-art facility reflects ELCOT's agile, future-focused approach to serving the evolving needs of Tamil Nadu's IT and



Digital ecosystem. The new logo marks a bold evolution—symbolising technology, innovation, limitless possibilities, and the enduring spirit of Tamil Nadu. As the State's trusted digital catalyst, at ELCOT is driving the next wave of inclusive, future-ready transformation.

Tamil Nadu – Singapore Partnership



Hosting the Singapore High Commissioner Simon Wong at Singapore in India, Consul-General Edgar Pang, Political Consul Vaishnavi Vasudevan, and Second Secretary Harshvir Singh Chadha, at his camp office in Chennai, the Hon'ble minister engaged in an enriching discussion on deepening Tamil Nadu-Singapore partnership and exploring new collaboration opportunities.

India-UAE: Partners in Progress Conclave in Dubai

At the India-UAE: Partners in Progress Conclave in Dubai, hosted by the UAE-India Business Council and India Today Group, Dr. Palanivel Thiaga Rajan shared Tamil Nadu's digital governance story. Speaking on the theme "Powering Progress: New Alliances in Digital Governance," he highlighted the bold journey built on infrastructure, inclusion, and integrity.



From globally benchmarked digital public infrastructure to our leadership in e-governance, Tamil Nadu continues to demonstrate how digital delivery can be citizen-centric and equitable, he stated. He also emphasized that internet connectivity is not just a technical necessity but a fundamental pillar of social justice – and that bridging the digital divide is essential for inclusive growth.

He ascertained that "as India's most industrialized and urbanized state, Tamil Nadu stands ready to lead this next chapter of digital and developmental cooperation."

Independence Day celebrations of Togo

Dr. Palanivel Thiaga Rajan represented the Government of Tamil Nadu at the 65th Independence Day celebrations of Togo, hosted in Chennai by H.E. Mr. Yawo Edem Akpemado, High Commissioner of Togo to India. Addressing the delegates, the minister said that India and Togo share deep historical parallels – from a colonial past to our shared values of cultural pride, linguistic diversity, and democratic governance. As Tamil Nadu continues to strengthen its global engagement, he expressed delight that Chennai was chosen as the venue for Togo's first official event outside Delhi.



Indo Japan Business Council



The Hon'ble Minister met with Mr. Siddharth Deshmukh, Founder & President of Indo Japan Business Council (IJBC), and his delegation at his camp office, and discussed positioning Tamil Nadu as a leading destination for Japanese investments, especially in digital transformation. Mr. Siddharth also extended a warm invitation to the minister for the 4th edition of the India-Japan Business Conference scheduled in July in Chennai. The meeting opened doors to look forward to exploring more strategic partnerships and the growth of Tamil Nadu as a hub for global business and technology.

TN Emerging a Natural Hub for Data Infrastructure

With abundant green energy, robust undersea connectivity, progressive policies, and a highly skilled workforce, Tamil Nadu is emerging as a natural hub for data infrastructure, the Hon'ble Minister said in his Guest of Honour address at the Cloud & Datacenter Convention 2025 in Chennai. Dr. Palanivel Thiaga Rajan spoke on the growing centrality of data in our lives and the powerful convergence of cloud computing, hyperscale infrastructure, and AI.



From punch cards to real-time analytics and cloud-native intelligence, the digital journey has been extraordinary, and Tamil Nadu now stands at the forefront of what comes next, he said. "We are also building frictionless, AI-ready governance platforms—from IFHRMS and e-office to integrated family databases and digitised Assembly records—advances that we showcase through industry conventions and technology summits, creating vital platforms for knowledge exchange, stakeholder collaboration, and accelerating digital transformation across both public and private sectors," he noted.

Smart Data Center and Cloud Infrastructure Conclave



The Hon'ble Minister spoke at the 7th ASSOCHAM Smart Data Center and Cloud Infrastructure Conclave in Chennai on the theme "Digital Infrastructure as a Driver of Inclusive Growth: Tamil Nadu's Vision and Preparedness." The minister highlighted how Tamil Nadu's long-standing commitment to equity – through universal education, inclusive access, and visionary investment in human capital – has laid the foundation for our emergence as a digital and data infrastructure leader.

"From the TANFINET-led 1 Gbps rural fibre backbone to becoming India's top exporter of manufactured electronics, our progress is the result of sustained, equity-focused policy," he said. The minister outlined the forward-looking approach: the Data Centre Policy 2021, blockchain and cybersecurity strategies, and our push toward AI-readiness through e-governance and digital public service delivery. "Together with our leadership in renewables and infrastructure, these reflect Tamil Nadu's vision to be a model for inclusive, sustainable digital growth," he added.

Innovation not Limited to Urban Centres



From punch cards to real-time analytics and cloud-native intelligence, the digital journey has been extraordinary, and Tamil Nadu now stands at the forefront of what comes next, he said. "We are also building frictionless, AI-ready governance platforms—from IFHRMS and e-office to integrated family databases and digitised Assembly records—advances that we showcase through industry conventions and technology summits, creating vital platforms for knowledge exchange, stakeholder collaboration, and accelerating

digital transformation across both public and private sectors," he noted. As the world confronts pressing challenges—from healthcare to sustainability—technology and innovation, powered by AI and digital tools, must shape the solutions, the minister said. He added that Tamil Nadu continues to invest in a future where opportunities are decentralised, cutting-edge ideas are supported, and young talent is empowered.

CII Madurai Vision 2035

Dr. Palanivel Thiaga Rajan unveiled the Confederation of Indian Industry (CII) Madurai Vision 2035 logo and vision document and shared thoughts on the magnificent city's rich heritage, the exciting opportunities in urban planning, critical infrastructure development, and our immense industrial potential. The minister emphasized that while government is crucial in India—given its control over resources and regulations—trade associations like CII play a vital role. A vision document of this caliber would not emerge from bureaucracy alone, he noted. He termed the Vision 2035 a blueprint for translating shared ambitious visions into concrete actions, ensuring that policy decisions serve our regional needs and government action reflects and secures the bright future of our people.

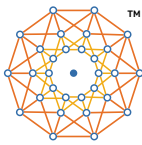


Discover 2025: Toastmasters Conference



Addressing over 700 expert public speakers at the 'Discover 2025: Toastmasters District Conference' in Chennai, the Hon'ble Minister recalled his journey from Wall Street to the Tamil Nadu Legislative Assembly. He stressed on the power and responsibility of public speaking in today's digital age, emphasizing on the need for thoughtful communication. He shared two core principles at the heart of all meaningful communication. First, the importance of a common language and shared

understanding—a shared culture, history, and values. Without this, connection is impossible. Secondly, human relationships thrive on telling and listening to stories—and listening is as important as telling. "Ultimately, the ability to speak at the right time, in the right place, with the right message is a skill we must all cultivate. Let us speak with purpose and empathy. Our ability to connect, persuade, and lead depends not just on the message, but on the meaning behind it," the minister added.

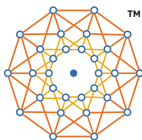


Continuously Adapt, Stay Informed, and Equip



In a world being rapidly reshaped by technology and change, continuously adapt, stay informed, and equip themselves with the knowledge and skills needed to contribute meaningfully to society, the Hon'ble Minister urged students at the 167th Founder's Day of The Lawrence School, Lovedale. At the institution where his formative years began; the minister insisted on the need to develop not just academic excellence but also the strength of character. He highlighted the need to be humble in success, resolute in setbacks, to always be curious, courageous, thoughtful, kind, and grateful.

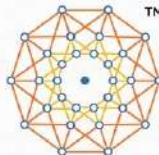




IN²TN IP Conclave



iTNT
TAMILNADU TECHNOLOGY HUB



INNOVATE IN TN

IP CONCLAVE

Intellectual Powerhouse: Transforming Tamil Nadu into the Innovation Capital of India

July 30, 2025

Anna Centenary Library, Chennai



Panel Discussions



Expert Talks



Fireside Chats



Investor Connects



Pitching Sessions



Masterclasses

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Gear up for the Innovate In TN (IN²TN) IP Conclave

This July 30th gear up for a one-of-a-kind Convergence where ideas evolve into innovations and a new wave of intellectual supremacy illuminating the path to the future. The “Innovate In TN (IN²TN) IP Conclave 2025” is all set to transform Tamil Nadu into the innovation capital of India.

Intellectual Property is the cornerstone for Deep Tech and Emerging Tech startups. Over the last three years, Tamil Nadu has been the leader in patent filing in India with 20,000+, mainly driven by Deep Tech innovations. Tamil Nadu Technology Hub (iTNT Hub) functioning under the Information Technology & Digital Services, Government of Tamil Nadu, is taking strides to propel the State as one of the Top 10 Global Innovation Hubs, in the march toward the Hon’ble Chief Minister’s Trillion Dollar Economy Vision by 2030.

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 Hon’ble Minister for IT & DS Dr. Palanivel Thiaga Rajan made an announcement in the Tamil Nadu Legislative Assembly in June 2024 that the Government will organize an annual “Innovate in Tamil Nadu (IN²TN) IP Conclave”.

The first IN²TN IP Conclave, themed “Intellectual Property: Transforming Tamil Nadu into the Intellectual Capital of India” will be hosted by iTNT Hub at the Anna Centenary Library, in Chennai, on July 30, 2025. The conclave will focus on Deep & Emerging Technologies such as AI/ML, AR/VR, IoT & Robotics, Quantum & Semiconductor sectors such as Creative Tech, Climate Tech, EV, Geospatial Technologies, Healthcare & Lifesciences, Space Tech, Cyber Security, High Value SaaS and Smart Cities & Transportation.

Innovate In TN (IN²TN) IP Conclave



Conclave Highlights



Who Can Participate?



Academia



Corporates



Entrepreneurs



Government



Industry



Innovators



Investors



Patent Holders



Policy Makers



Researchers



Startups



Students

Masterclasses on IP

On the Conclave Day (July 30, 2025), a day-long masterclass has been curated for researchers, students and startups to gain practical insights into the fundamentals of filing and protecting intellectual property; strategies to leverage IP for business growth; trademark registration process; monetizing IP for researchers and startups; and future trends in technology patents.

Note: Separate registration for Masterclass participants. Delegates at the conference cannot participate in the Masterclass. Certificates will be issued to the participants.

WIPO Online Masterclass

Calling Innovators, Faculty Members, Researchers, Startups, Students, R&D Heads to enrich your Intellectual Property and Patents Rights literacy!

As part of the IN2TN IP Conclave, iTNT Hub in collaboration with the World Intellectual Property Organization (WIPO) is conducting a two-day Online Masterclass on "Patent Cooperation Treaty (PCT) and WIPO Global IP Services", from on July 21 & 22, 2025 (1:00 P.M. to 4:00 P.M.).

Participants Gain:

- Enhanced Awareness of the Patent Cooperation Treaty
- Familiarization with WIPO's Global IP Services
- Certificate & Workshop Materials

We invite innovators from academia, startups, incubators, industry, investors and other key stakeholders in the R&D&I ecosystem of Tamil Nadu to join us at the IN2TN IP Conclave on July 30, 2025.

WIPO is the United Nations agency enabling creators, innovators and entrepreneurs to protect and promote their IP across borders and act as a forum for addressing cutting-edge IP issues. WIPO also ensures that ideas travel safely to the market and improve lives everywhere.

This power-packed Masterclass - as part of the march towards the Innovate In Tamil Nadu (IN2TN) IP Conclave 2025 - is designed to demystify patent filing processes and empower participants on technology transfer for innovations, and IP protection.

Register Now: <https://forms.gle/AF3Uu16ihTqtPXbcA>

For Support: ☎ 9962375258 ✉ associate4@tnthub.org

Witness the collaboration of researchers, entrepreneurs, policymakers, and global experts, all united by one goal: to make Tamil Nadu the IP powerhouse of India.



ONLINE MASTERCLASS

Patent Cooperation Treaty (PCT) & WIPO Global IP Services

Highlights

As part of the "Innovate In Tamil Nadu" (IN2TN) IP Conclave 2025

- Awareness about PCT
- Enhance IP Awareness
- Certificate, Workshop Materials

Date & Time

- 21 & 22 July, 2025
- 1:00 PM - 4:00 PM
- Online (Zoom)

For Support

- 99623 75258
- associate4@tnthub.org & office@tnthub.org

Register Now 



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For Updates: <https://itnthub.tn.gov.in/ip-conclave.html>

For Inquiries ✉ : office@tnthub.org | ☎ : (+91) 7305980220 (Subject: IN2TN IP Conclave)

Tamil Nadu DeepTech Startup Policy Stakeholder Consultation

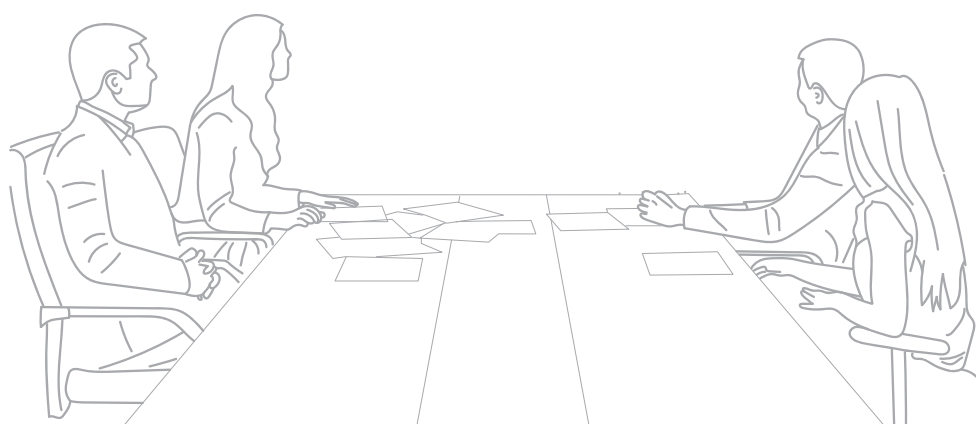


As part of the ongoing efforts to shape a forward-looking DeepTech ecosystem, the 4th and final stakeholder consultation for the Tamil Nadu DeepTech Startup Policy (TNDTSP) was conducted by iTNT Hub at the Anna Centenary Library, Chennai, on May 3, 2025. Chaired and moderated by Ms. Vanitha Venugopal, CEO, iTNT Hub, the session brought together leading voices and meaningful input from academia, industry, incubators, and government bodies in person and virtually.

Dr. K.P. Karthikeyan, I.A.S., MD, ELCOT, delivered the

keynote address. Special addresses were delivered Dr. Chagun Basha, Chief Policy Adviser, Office of the Principal Scientific Adviser to the Government of India; Natrajan Malupillai, Group CEO, IIT Madras Research Park; Prasad Menon, President, Indian STEPs and Business Incubators Association (ISBA) & CEO, Centre for Incubation and Business Acceleration (CIBA), Goa and Mumbai.

Thiru. Srutanjay Narayanan, I.A.S., Joint Director of e-Governance/ Joint Chief Executive Officer, Tamil Nadu e-Governance Agency made the concluding remarks.





Following are the participants in the consultation: Dr. M. JayaPrakasan, ISDS., CEO, TN Skill Corporation (Naan Mudhalvan); Murugananth, Additional Director, STPI, Chennai; Chandramohan, Sr. GM, SIPCOT; Prasad Menon, President, ISBA; Sivakumar Palanisamy, VP, and Nikunj, AVP, StartupTN; Sanjay Krishna, Manager (Policy), and Meena, Guidance Tamil Nadu.

Dr. Kanakasabapathi Subramanian, Senior Vice President, Ashok Leyland; Kewyn George, Global Director, Expeditors; Jayasurya Francis, India Director, Global Wind Energy Council; Muthu Kumar, CTO, GreenTech MW; Vininder Baweja, Chief Digital & Information Officer, Saint-Gobain Group in India; Muralidharan Rajagopalan, Board Member, Mobilogix India.

Balasubramanian A.J., Director, Aigilx Health; Seena Shivanath, Head – Connect Digital Platform & Solutions, Tata Elxsi; Rajneesh Kumar, Head – Technology Transfer Office, Birla Institute of Technology & Science (Pilani, Dubai, Goa, Hyderabad, Mumbai Campus); Shobana Ravi, President – Infotech, Innovation & Learning, TAFE Ltd; Dr. Mohan Sidhan, Founder & CEO, Vyosoft.

Kiran Vijaykumar, SVP -Technology, Martimony.com; Abu Abraham, Executive Director, Indus Valley Partners Semi-Conductors; Shubhra Singh, Regional Director – Govt Affairs & Public Policy, Zoho Corporation Pvt Ltd; Ashok Maharaj, Head – Extended Reality Labs, Tata Consultancy Services; Sreeram Srinivasan, Executive Director, SYRMA SGS Technology; Chandran Krishnan, Managing Director, Campus Angels.

Nithish Kumar, Investment Partner, Speciale Invest; Sathish, Partner, In44 Capital; Chirag Gupta, Managing Partner, 8X Ventures; Manu Iyer, Managing Partner, Bluehill Capital; Shravan Kumar, Deputy CoA, ePlane; Suren Gounder, Founder & CEO, Tango Eye; Sabarinath C. Nair, Founder & CEO, Skillveri; Zeno Saviour, CEO, Character labs; Aswin, Character labs.

Dr. K. Suresh Kumar, Executive Director, PSG-STEP; Krithika Chandramouli, Manager, and Sudipto Banerjee, NASSCOM; Mahalakshmi R., Executive Officer, CII TNTDP Centre; Gopu, COO- FinBlu, STPI; Somarajeshwaran, TNSDC; and S.P. Raja, Executive Manager, TN Skills.

iTNT Hub x TNeGA: AI Solution-Driven Interactive Workshop for Government Departments



Capitalising on the AI wave, the Tamil Nadu e-Governance Agency (TNeGA), in collaboration with Tamil Nadu Technology (iTNT) Hub, Electronics Corporation of Tamil Nadu (ELCOT) Limited, StartupTN, ICT Academy, and Tamil Virtual Academy, conducted an “AI Solution-Driven Interactive Workshop” at the iTNT Hub on May 28 & 29, 2025.

The workshop aimed to bring AI solutions as a tool to address challenges across various government departments. A total of 34 departments were invited in two batches, where 14 AI startups showcased their innovations through live demos and pitches, engaging in meaningful discussions around department-specific problem statements.



Thiru. Govind Rao, I.A.S., CEO of TNeGA, delivered the keynote address, highlighting the transformative potential of AI and Machine Learning (ML) in enhancing public service delivery. He emphasised the need to adopt cutting-edge technologies to solve specific problem statements submitted by different government departments and encouraged innovators to co-create solutions with long-term public impact.



Thiru. Srutanjay Narayanan, I.A.S., Joint CEO of TNeGA, in his opening remarks stressed the importance of thinking beyond conventional methods and fostering technocratic awareness among government stakeholders. He underlined the role of AI/ML in improving efficiency, transparency, and citizen-centric services as part of a broader mission to enable good governance.



Thiru. Dinakar Kumar, I.F.S, Additional Principal Chief Conservator of Forest - IT, Tamil Nadu Forest Department, in his special address noted that they are implementing drones and AI solutions in animal conservation efforts. He expressed optimism that AI cameras can be used to avoid human animal conflict through development of department specific new solutions.





Ms. Vanitha Venugopal, CEO, iTNT Hub, in her welcome address stated that this collaborative initiative is a step towards unlocking the power of AI for the public good. She reiterated iTNT's commitment to building a vibrant deep-tech innovation ecosystem that empowers Tamil Nadu to become an innovation-led economy through the strategic application of Deep and Emerging Technologies.

The workshop featured presentations from Startups, hands-on sessions, and problem-solving sprints, where startups engaged directly with departmental representatives to understand real-life challenges and propose AI-driven solutions. It served as a platform for cross-sector dialogue and innovation, fostering a spirit of co-creation and partnership between the public sector and the startup ecosystem.



The following iTNT Hub PATHFINDER incubation and iAccelerate acceleration portfolio startups working in the AI and ML space pitched and interacted with the representatives from Government Departments during the two-day event: dVerse Technologies Pvt. Ltd. FarmwiseAI; Stobay; Scrapify Ecotech; Xera Robotics; Yagen Robotics; Xwall; Clorus Innovations (Vikbot); Diagno Intelligent Systems; and IS360 Technologies.



The workshop was also an opportunity for the following AI startups to pitch before the Government officials: GenesisAI; QbytX; TendoSoft Solutions Pvt. Ltd.; and E16 AI XR Technology Pvt. Ltd.



The detailed pitches by startups - each spanning 20+ minutes - was followed by a Q&A session, in which the department officials got their queries pertaining to the innovative offerings by the startups clarified.

The high engaging workshop concluded with a commitment to pilot promising solutions, create working groups to follow up on shortlisted ideas, and institutionalise this collaboration model for future problem statements. This initiative marked an important milestone in Tamil Nadu's journey towards data-driven governance and technology-enabled public service transformation.



Whats Brewing at iTNT Hub?

iAccelerate 1.0 Demo Day @ iTNT Hub
24 Investors | 25 Startups | 111 Connections



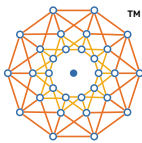
The highly impactful first physical Demo Day of iAccelerate 1.0 cohort - iTNT Hub's flagship acceleration program - was held at the Hub on May 2 & 3, 2025. It turned out to be a showcase of our



promising Deep & Emerging Tech startups. The Demo Day served as a high-impact platform for startups to pitch their innovations and explore strategic funding opportunities.

Participating Investors



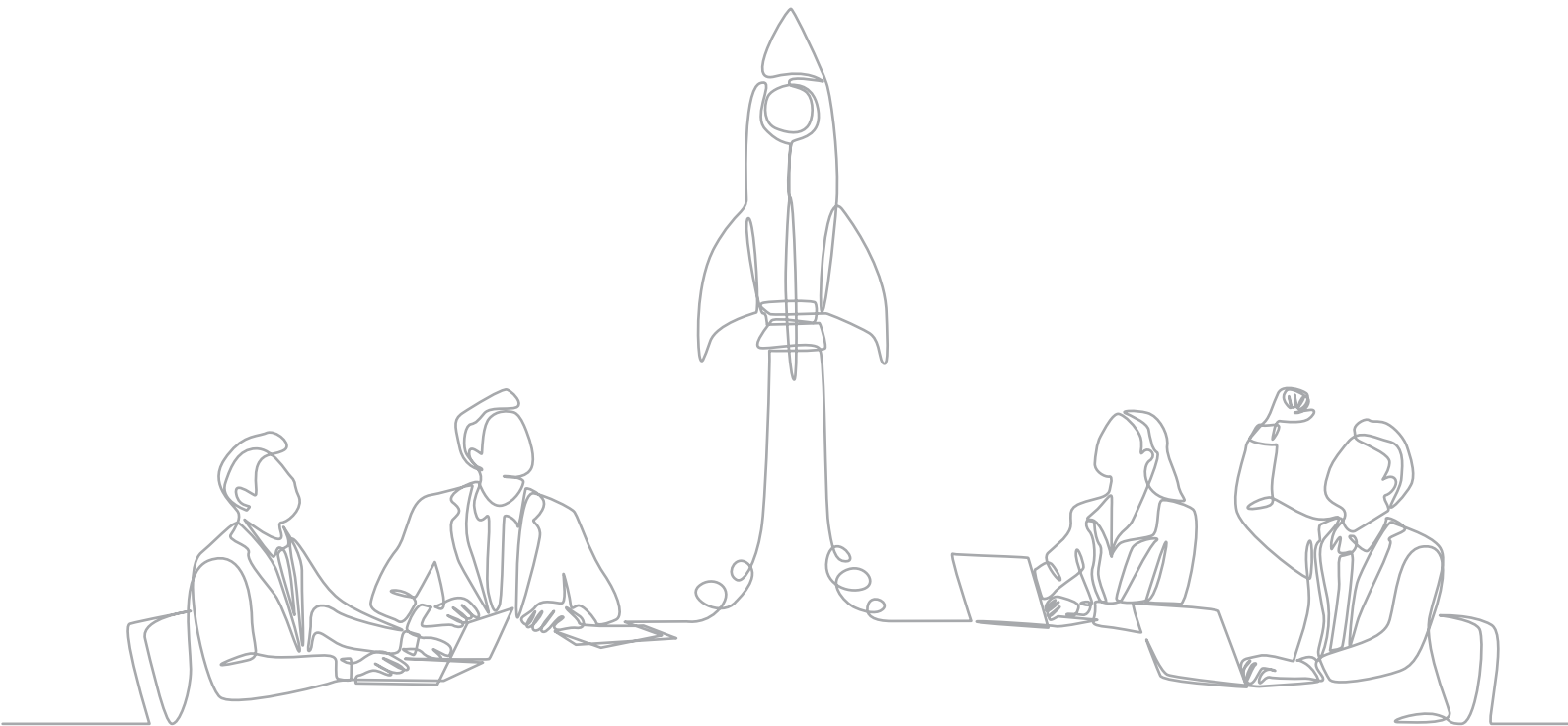


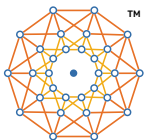
iAccelerate Startups



The Demo Day served as a high-impact platform for startups to pitch their innovations and explore strategic funding opportunities. We all the venture capitalists and investors from across India, and ecosystem partners who contributed to making this

Demo Day a resounding success! This Demo Day not only spotlighted the strength of Tamil Nadu’s DeepTech ecosystem but also reinforced iTNT Hub’s role as a catalyst for innovation-driven growth.





Public Sector Innovation Challenge



The “Public Sector Innovation Challenge: GenAI & DeepTech for Tamil Nadu” conducted by iTNT Hub with Amazon Web Services (AWS) concluded with the Grand Finale - Pitch Day - at the Hub on 9th May 2025. Launched by the Hon’ble Minister for IT & DS Dr. Palanivel Thiaga Rajan at UImagineTN 2025, the challenge harnessed the power of GenAI & DeepTech to tackle pressing challenges across Tamil Nadu in sectors like healthcare, education, agriculture, smart cities, and government services.

From over 121 submissions, 8 startups advance through technical mentoring, product refinement, and business training. These incredible teams used AWS cloud resources to craft solutions with the potential to transform public sector services. From AI-powered citizen service chatbots, telemedicine triage, to urban planning tools, the impact of these solutions will be far-reaching. At the Pitch Day, the startups pitched before a jury comprising mentors, investors, and experts from AWS.

Prizes!!!

The three winners of the Public Sector Innovation Challenge will get up to \$10,000 AWS credits, each. iTNT Hub is giving vouchers worth Rs. 1 Lakh each to the AI startups from the winners and finalists once they are onboarded to our incubation & acceleration programs.

A special thank you to our mentors and jury - Mr. Ram Lakshminarayanan, Sr. Manager Partner Ecosystem; and Mr. Pradeep Jhunjunwala, Head of Partner and Customer Success, AWS; Mr. Nithish Kumar, Investment Analyst, Speciale Invest; Mr. Chandrashekar Kupperi, Founder and Partner, ANOVA Corporate Services Pvt. Ltd; Mr. Janardhan K, General Counsel & Principal, TNIFMC; Mr. Sathish Ganesan, Partner, IN44 Capital; Mr. Arun Thathachari, Executive Director, Anicut Capital; Mr. Aravindhan Ganesan - Technology Architect; and Mr. Sasikumar - Sr. Technologist, Infosys.

BEACON 4.0: Equipping Future Entrepreneurs with Vital Skillsets

The 4th edition of BEACON (Business Exploration & Accelerating Creation of New Ventures) idea validation bootcamp by iTNT Hub started in the second week of May 2025. Patent Holders from

engineering colleges across Tamil Nadu - aspiring entrepreneurs - participated in the power-packed 4-Week program, building strong foundations. Glimpses of the sessions:

Week 1



Business Idea and Team Building session by George Kousi, Director - Learning and Development, Sify Technologies Limited, delved into the fundamentals of shaping a strong business idea and assembling a high-impact team.

Structuring Startup Leadership session by Ashwin, Head of Operations (South), We Founder Circle, guided



founders through the critical aspects of startup leadership and governance.

A session on Product Development Lifecycle Including TRLs by S. Vinoth, Project Manager, TANSAM, provided startups with a structured understanding of how to move from idea to market-ready product, emphasizing key stages such as concept validation, prototyping, testing, and scaling.

Week 2



A Business Model Canvas session by Lavanya Gopal, Founder of Lineup (IDEEZ Career Pvt Ltd), focused on refining early-stage clarity and strategic direction. The Developing an IP Strategy,



IP Audit, IP Assignment session by Subathra Mysamy, Managing Partner, AK Mysamy & Associates, shed insights on developing a robust IP strategy and protecting innovations.



Finance Management for Early-stage Startups session by Dinesh Reedy, Director, EY, broke down key financial concepts, budgeting strategies, and compliance essentials, helping founders understand and build financially sustainable ventures.



Ms. Anbumathi, Design Thinking Expert, in the session on Problem-solving Methodologies & Solution Brainstorming introduced participants to structured solution brainstorming techniques.

Week 3



Sriram, from AIIRF, delivered an insightful session on Value Proposition and Revenue Streams, emphasising customer pain points deeply to articulate clear, differentiated value. Guiding startups to align their monetization strategy with customer behaviour and market dynamics.



Competitive Analysis and Positioning Strategies session by Kapildev Arulmozhi, Founder - Thunai.AI, highlighted the importance of mapping the competitive landscape to identify white spaces and differentiators and offered actionable insights on how startups can carve out a unique position in the market



Senthilkumar, Founder & Brand Consultant, Reachwell Brand Consulting, conducted an engaging Branding & Design session on the role of consistent branding in building trust and recognition, and demonstrated how design goes beyond aesthetics to communicate a startup's core values and promise.

The Rapid Prototyping Techniques and Design Sprints session by Gopi Raja, Co-founder of Bad Boy, emphasized the importance of speed and iteration in early-stage product development, showing how startups can quickly test ideas, gather user feedback, and refine solutions.

Week 4



The concluding week of the BEACON idea validation bootcamp for deep and emerging tech researchers and patent holders was marked by insightful session on The Art of Pitching by Dr. Sridevi Arunachalam, Founder of IIEC and the INDO-UAE Economic Chamber of Commerce. She took the participants on an in-depth journey through the essentials of crafting a compelling pitch. The sessions emphasized clarity, confidence, and storytelling as key tools to capture investor attention and build credibility.

Participants gained valuable perspectives on tailoring pitches for different audiences, structuring their narrative, and avoiding common pitfalls. The session culminated in an engaging mock pitching round, where participants presented their startup ideas and received real-time feedback, honing their skills and building readiness for investor interactions ahead.

Masterclass: Guarding Innovation, Growing Wealth The Power of Patents & IP Commercialisation



In an increasingly innovation-led economy, intellectual property (IP) is emerging as a startup's most valuable asset. In his comprehensive online masterclass on 9th May 2025, Dr. Amaresh Panda, Lead Technology Transfer Office at KIIT-TBI, unpacked the dual power of patent protection and IP commercialisation. Drawing on decades of domain expertise, he emphasized that securing a patent is not

just about recognition, it's a strategic tool to safeguard inventions, prevent infringement, and unlock business value. He walked participants through what can and cannot be patented under Indian law, outlined the criteria for patentability (novelty, inventive step, industrial application), and provided a deep dive into how well-crafted patent claims define the commercial boundaries of innovation.

Moving beyond protection, Dr. Panda highlighted the real lever of growth, technology transfer and IP monetisation. He demonstrated how universities, startups, and MSMEs can transition from lab to market by evaluating Technology Readiness Levels (TRL), conducting market assessments, and navigating licensing or spinout models. With clear frameworks for conducting Freedom to Operate (FTO) analysis, structuring licensing agreements, and valuing IP through cost, income, and market-based approaches, he showcased the pathways that transform dormant IP into revenue-generating assets.

Through engaging examples, Dr. Panda made a compelling case for integrating IP strategy with business strategy right from the ideation stage.

Crucially, the session also addressed common roadblocks in India's tech transfer landscape; limited academia-industry linkages, lack of commercialization awareness, and weak enforcement of IP rights. He concluded with a powerful reminder: when protected and positioned wisely, innovation doesn't just solve problems, it builds economic power and legacy. The session served as both a roadmap and a wake-up call for innovators to view IP not as a checkbox but as a cornerstone of competitive advantage.

Masterclass: Before the First Cheque Are You Really Investment-Ready



In today's rapidly expanding startup ecosystem, angel investors do more than just write cheques they validate, mentor, and open doors. At the iTNT Hub Masterclass on 18th June 2025, Mr. Chandran Krishnan, MD & CEO of Campus Angels Network, demystified what it truly means to be "Investment Ready." From understanding the mindset of early-stage investors to refining your problem-solution narrative, the seasoned investor laid out a founder's blueprint.



In the session themed "Is Your Startup Ready for Angel Investment?", he unpacked common pitfalls founders should avoid; like raising too early, overbuilding before validation, or pitching without a clear go-to-market strategy. Chandran's key message was "Angel Investment is not just a milestone; it's a relationship built on trust, clarity, and shared vision." Early-stage startup founders benefited from the masterclass followed by an engaging Q&A session.

Nuvoton & Winbond Delegation



iTNT Hub had the pleasure of hosting senior leadership from Nuvoton and Winbond, global champions in the semiconductor and memory technology space. The delegation comprising Mr. Jerome Kho, President; Mr. Walter Tseng, Vice President; and Mr. Tomohiro Shimo, Senior Vice-President, Nuvoton; and Mr. Hsianh-Yun Fan Executive Vice-President, Winbond, was facilitated by Ms. Richu George Phillip, Associate Vice President, and Ms. Meena Priyadarsnee K, Manager-Worklabs Cell, Guidance Tamil Nadu.

The delegates interacted with iTNT Hub CEO, Ms. Vanitha Venugopal, and exchanged thoughts on long-term engagement opportunities. The iTNT team shared its flagship initiatives and introduced three innovative startups, Karotimam, Kenesis, and Inblue Tech – working on sustainable electronics, assistive AI, and smart infrastructure solutions, respectively. Stay tuned for exciting developments in building global pathways for Tamil Nadu's Deep & Emerging Tech ecosystem.

Masterclass on IP Strategy



A Masterclass on IP Strategy for Startups and Early-Stage Entrepreneurs, by Mr. M.S. Bharath, Founder of KRIA Law, on 27th June 2025, offered founders a deep dive into the strategic importance of Intellectual Property. Participants gained clarity on how trademarks, patents, designs, and copyrights can be leveraged to safeguard innovations, build brand value, and prevent infringement.

The session highlighted what can be trademarked, from names and logos to colours, sounds, and packaging, and how to select marks that are distinctive and legally defensible. It also emphasized the value of aligning domain names with IP protection strategies from the outset. For product-based and tech-driven startups, the session offered clear guidance on securing patents by meeting the core criteria of novelty, inventive step, and industrial applicability.

Mr. Bharath explained the differences between and complete patent filings, and how early filing can protect ideas before they're exposed publicly. Attendees also learned how to approach international filings through the Patent Cooperation Treaty (PCT) and explored how design registrations and copyrights can offer added protection for visual and creative elements, from user interfaces to software code.

Importantly, the Masterclass addressed the growing intersection of IP and data privacy, highlighting how startups can stay compliant with emerging regulations like India's Digital Personal Data Protection (DPDP) Act, 2023, while continuing to innovate responsibly. Participants left the session with actionable insights on building an IP-first company, avoiding common legal pitfalls, and developing a defensible innovation strategy that can scale across markets.

Founder Stories @ iTNT Hub

Vijay Shankar Raja – Helyxon



Human spirit is the ability to face the uncertainty of the future with curiosity and optimism, when fuelled by passion and determination we become inventive in the process. Mr. Vijay Shankar Raja, Founder & CEO of Helyxon is a self-taught and self-made man, through his technical expertise and business acumen has reached the summit of success.

As early as 10 years old, he could dismantle and assemble a radio and was always learning by simply feeding his curiosity and inventiveness. After Class 10 high school (10th standard), he joined a polytechnic college and gained confidence as a teen, when he along with a few friends built a Television by themselves and watched a movie in it on Dhoordarshan. He even wanted to publish a book on how to build a television, but heavy rains had other plans, destroying the notes placed near a window.

After completing his polytechnic education Vijay made a conscious choice to dedicate his knowledge and expertise in healthcare service and shifted his efforts to find a job in a healthcare company. After a disappointing job hunt, as his ability was still unrecognised, he went in person and asked for a job at a company that made diagnostics equipment, which did not hire him. But he went as often as he could to the company till they were impressed by his enthusiasm and hired him.

As his first task he was asked to fix an ultrasound monitor that was not functioning and technicians were finding it difficult to identify the problem. To everyone's surprise, Vijay was able to fix it within a few minutes. Impressed by his ability he was sent to Japan to work for a company (Shimadzu) where he was a service engineer in maintaining various diagnostic equipment like CT scanner, MRI, X-ray, Ultrasound etc.

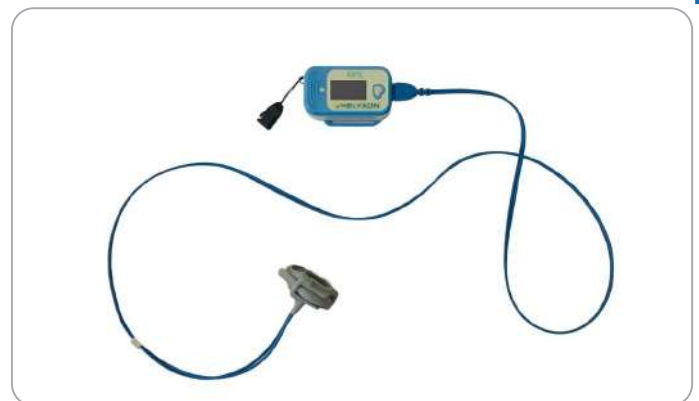
Vijay was offered a job at Singapore to work, but he came back to India in 1995 and started Avanttec and secured a service franchise for GE. In 2001 he started Cura Healthcare, a company offering service for all medical equipment and secured franchises for leading players including GE, Siemens, and Philips. With an 80% market share Cura was successful in all its undertakings and in turn securing investments from venture capitalists.

In step to make healthcare more ethical, affordable and enable doctors to earn better trust from their patients, Vijay founded "Helyxon" in 2014. As its Founder & CEO. With last inch connectivity in mind and give patients the much-needed decision making ability, Helyxon offers a number of solutions. Helyxon's EPICare technology platform provides a paradigm shift in the healthcare delivery system, allowing doctors and patients to connect in more meaningful, focused ways – creating a Care Continuum that not only ensures better health for patients, but promotes longer-term relationships and revenue consistency for doctors and hospitals.

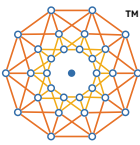
EPICare is a single, unified platform that provides value to all stakeholders in the healthcare segment. By leveraging the Internet, mobile phones, IoT-based medical grade devices, AI, ML, Blockchain, and more, EPICare is a fully integrated solution that is a unique combination of leading technologies, offering enhanced capacity and capability for doctors via easy access to patients (wherever and whenever); patient empowerment through seamless engagement, access to personal health records, customized commerce platforms and performance dashboards for payers and policy makers.



Effective healthcare revolves around a quality relationship between patients and their doctors. The doctor, just as an artisan does, crafts the highest quality solutions from the information and resources available. Helyxon understands the value of these relationships in transforming the way patients are better engaged in addressing their health conditions and general well-being. Through their advanced technology solutions, Helyxon makes healthcare more affordable, within reach, and the foundation for trust through empowering stronger patient/doctor relationships.



Vijay Shankar Raja's journey is a shining testament to the power of relentless curiosity, unyielding perseverance, and the courage to dream beyond one's circumstances. His life underscores a fundamental truth that greatness is not reserved for the formally credentialed. Helyxon stands today not just as a company, but as a vision in motion, a vision to transform healthcare into a more ethical, connected, and humane system, where innovation serves compassion and every patient is empowered with trust. Helyxon is proudly part of the iTNT Hub's iAccelerate acceleration cohort.



Founder Stories @ iTNT Hub

Nachiyappan Vellaiyan - FincorpX

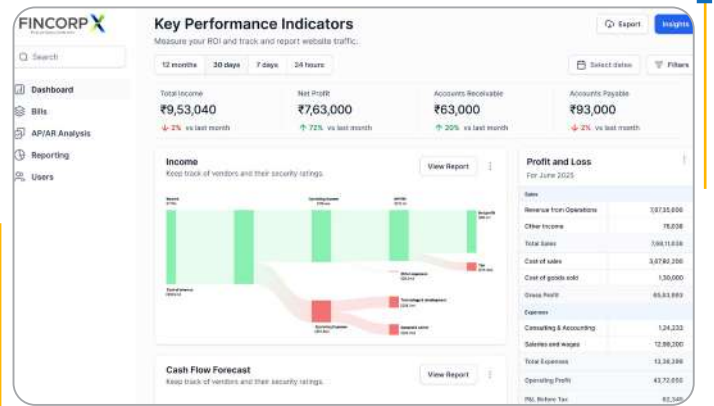
Accounting has long been the invisible backbone of every business, quietly powering decisions, tracking every rupee, and ensuring compliance behind the scenes. Yet for all its importance, the world of accounting has remained stubbornly traditional. Day in and day out, accountants pore over endless spreadsheets, perform repetitive data entry, and manually reconcile thousands of transactions. The stress mounts as deadlines approach. Errors creep in. Delays lead to penalties. And despite all the effort, the clarity that business owners desperately need remains elusive.

In a world that's racing ahead with AI, automation, and digital transformation, it is ironic that finance, the very engine of a business, has remained stuck in the past.



This gap was keenly felt by Nachiyappan Vellaiyan, an ambitious B.Com. graduate who stepped into the world of accounting during his CA articleship. What should have been a learning experience quickly turned into a reality check. As he was handed the responsibility of managing an audit and setting up the accounting infrastructure for the first time, he found himself drowning in trial balances, ledgers, and Excel exports.

There were no intelligent systems to guide the process, no streamlined tools to reduce the manual effort. Just a sea of numbers and the burden of getting it all right, quickly and perfectly. It wasn't just about hard work; it was about inefficiency. He realized that accounting wasn't hard because of the math, it was hard because of how archaic the tools were.



Nachiyappan saw a glaring gap that most had come to accept as "just the way things are." Accounting was heavily dependent on the accountant, leaving business owners in the dark, unable to make timely decisions. Books were often closed months later, making the data stale. Errors, inconsistencies, and even fraudulent practices went unnoticed. And in a data-rich world, financial forecasts were still largely based on gut instinct and reactive corrections.

Built from firsthand experience and a deep understanding of the accounting pain points, FincorpX is a full-stack financial automation platform designed to modernize, simplify, and secure the accounting process from end to end. Leveraging the power of real-time OCR, AI, and Generative AI, the platform automates the tedious and time-consuming steps of transaction processing. Invoices, receipts, bills, and contracts submitted via mobile, desktop, or email are automatically scanned, read, and categorized.

The system learns from historical data, identifying patterns and auto-classifying over 75% of recurring entries with remarkable accuracy. With FincorpX, month-end closings are no longer a sprint against time. Recurring journal entries like depreciation, loan repayments, and amortization are automatically generated and reconciled. The platform's intelligent reconciliation engine flags mismatches and anomalies, reducing human error and fraud risk significantly.

Response	Percentage
Doing a good job	65%
Not doing a good job	35%

A line drawing of two hands holding a stack of papers. The hands are positioned on the left and right sides of the stack, with fingers gripping the edges. The stack consists of several sheets of paper, with the top sheet having a rectangular frame or window cutout in the center. The drawing is simple, using black outlines on a white background.

For Nachiyappan, FincorpX represents more than innovation, it represents liberation. A liberation from manual drudgery. A liberation from reactive firefighting for accountants and business owners to focus on what truly matters: building, growing, and leading with clarity. FincorpX takes pride in being a PATHFINDER Incubatee at iTNT Hub.

DeepTech Insights

Chennai-based DeepTech startup Fabheads raises \$10 million in funding

Fabheads, a composite manufacturing technology startup founded by former ISRO engineers, has raised \$10 million in fresh funding to scale up its operations. The Series A round was led by venture capital firm Accel and included \$2.3 million in venture debt from Trifecta Capital.



Scan to read the full article

Deep-tech Startup Vecmocon Raises its Series A Investment of USD 18mn

Deep-tech startup Vecmocon Technologies announced that it has raised over USD 18 million (approximately ₹153 crore) in a Series A funding round. The round was led by sustainability-focused venture capital fund EIF, with participation from Aavishkaar Capital, the UK's development finance institution BII, and existing investor Blume Ventures.



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Remaining growth: TN's push for Global Capability Centres

The State's ambitious push to establish over 500 Global Capability Centres, as envisaged in the Tamil Nadu State Planning Commission's recent Vision Document, aligns with the global shift towards knowledge-driven economies.



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IIMA Ventures to increase cheque sizes for pre-seed startups with greater focus on deep-tech space

Schneider Electric is developing a 500,000 sq ft manufacturing facility for its IT Business at Horizon Industrial Park in Tamil Nadu. Executed in two phases, the project aims to boost production capacity and operational efficiency.



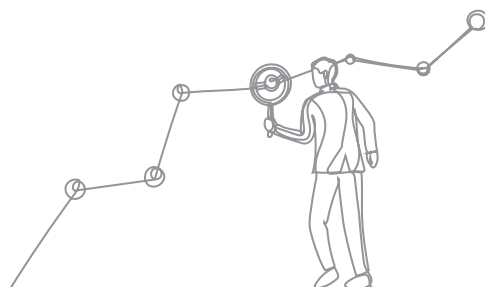
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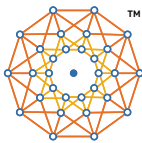
Switzerland's \$100B DeepTech engine comes Into focus

With 60 per cent of venture capital now flowing into DeepTech, Switzerland outpaces global peers and redefines what a small market can achieve. The Swiss Deep Tech Report 2025 spotlights how Switzerland has quietly become one of the world's most advanced and efficient deeptech ecosystems.



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Startup Hiring



VoxWave AI Pvt Ltd

Positions Vacant: 4

- 1) Frontend and Backend Development (2 interns)
 - **Required Skills:** React, Next.js, Tailwind CSS, Node.js, MongoDB, and Express
 - **Education:** B.Tech
 - **Duration:** 3–6 months

2) AI Development (2 interns)

- **Required Skills:** Machine Learning (ML), Large Language Models (LLM), and Python
- **Education:** B.Tech
- **Duration:** 3–6 months

For More Details



Mobile:
7449023417



Email ID:
himayun13@gmail.com

Apply Soon



ERYTOS TECHNOLOGIES

Positions Vacant: 4

- 1) AI/ML Intern
 - **Stipend:** Yes (based on skills & experience)
 - **Education:** Final-year or postgraduate student in AI, Data Science, ECE, or Computer Science
 - **Duration:** 3–6 months

2) Hardware Development Intern | Erytos Technologies

- **Stipend:** Yes (based on skill level & experience)
- **Education:** Pursuing or completed a degree in ECE, Embedded Systems, Robotics, or related fields.
- **Duration:** 3–6 months

For More Details



Mobile:
91766 44101



Email ID:
dineshkumarr@erytos.com

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Emerging and Deep Tech startups in Tamil Nadu can now publish job openings

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free of cost.

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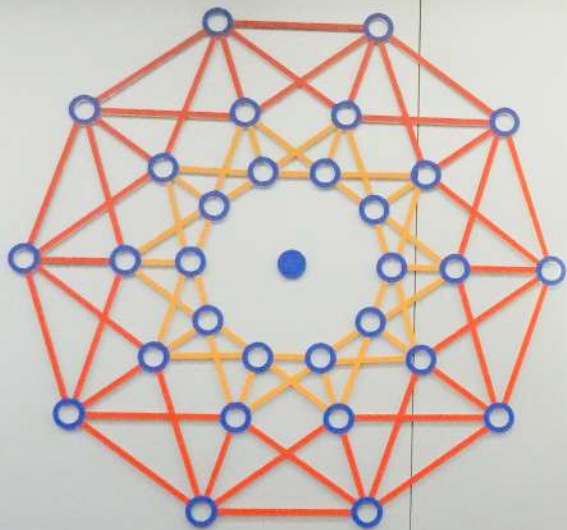
Submit the required details by

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