



STARTUP
INCUBATION AND
INNOVATION
CENTRE
IIT KANPUR

July 2025

TECH की बात

SIIC X ASEAN: SCALING IDEAS, SHAPING FUTURES

Volume 4
Edition-07

Mentor Mantra



Mr. Rony Banerjee

Rony Banerjee is a seasoned professional with an extensive background spanning over 27 years in diverse development initiatives and brings a wealth of expertise and experience to the table. Recently he has authored a book titled "Is there a Rocket fuel for startups?", presented and made Public in India by: UK Asian Business Council, United Kingdom

Wheels of Inclusion: Where India's Mobility Revolution Truly Begins

Mobility is about the first and last mile—the unreserved, unpredictable, and underserved. The future lies not just in EV highways, but in reimagining shared autos, tempos, and two-wheelers that move real Bharat.

Over 300 million Indians travel daily without apps, pre-booking, or reliability. While Tier-1 cities chase futuristic transit, India still moves on shared vans, rickshaws, and local buses.

We don't just need transport reform—we need a tech-first, socially-aware mobility OS for Bharat.

Where Tech Meets the Tarmac



Map the Informal: Digitize local routes, stops, and timings like food delivery mapped home kitchens.



Use AI Smartly: Predict peak hours, seasonal flows, and pricing using behavioral insights.



Empower Fleets: Onboard tempo owners, bike taxis, and mini-vans as a community-powered fleet.



Plug into DPI: Integrate UPI for payments, Aadhaar for drivers, and dashboards for planners.



Go Practical Green: Promote low-emission, shared rides—not high-cost, imported EV hype.

What Startups Can Learn



Start with Chaos: Innovation begins where systems don't exist—build from the grassroots.



Design for Drivers: Tech should serve those behind the wheel, not just the passenger.



Bridge Informal to Formal: Blend policy vision with startup agility for ground impact.

India's next mobility unicorns won't ride on sleek EVs—they'll emerge from dusty roads and shared rides. Mobility for Bharat means dignity, access, and local wealth. Don't just map roads. Map the people—and build for them.

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New startups with novel and innovative technologies have been incubated at SIIC, IIT Kanpur during June. Read on to learn about the startups.

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Monthly Timeline

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New Incubation

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CodeMate AI

Founded by Ayush Singhal and Kshitij S. Tyagi, CodeMate is an AI-powered developer tool that helps programmers write, debug, and navigate codebases using natural language.



Quantumweave Intelligence

Founded by a team of AI and cybersecurity experts, Quantumweave builds research-driven AI solutions in cybersecurity, surveillance, and AgriTech for global impact.



Helios EVC Solutions

Founded by Mrs. Menaka and Mr. Senthil Kumar, Helios EVC manufactures EV chargers and energy storage systems, with global operations and advanced R&D facilities.



Sarathi Aerospace and Defence

Founded by Rakesh Dalal and Anu Dalal, Sarathi Aerospace develops indigenized defence and aerospace solutions aligned with India's Make in India mission.



Dungtech

Founded by Ayush Sultania and Rishabh Rawat, Dungtech offers eco-friendly cow dung waste management solutions to promote sustainability and rural innovation.



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20 June 2025



IIT Kanpur signed an MoU with HQ Western Command to promote joint R&D, innovation, and indigenisation in defense technologies. Signed by Prof. Manindra Agrawal and Lt. Gen. Manoj Kumar Katiyar, the agreement marks a significant step toward strengthening India's defense ecosystem. Post-signing, Lt. Gen. Katiyar visited the Startup Incubation and Innovation Centre, IIT Kanpur, where startups like TerrAqua UAV, Maraal Aerospace, and xTerra Robotics showcased indigenous innovations in UAVs, surveillance, and robotics, highlighting IIT Kanpur's deep-tech contributions to national security and mission-driven innovation.

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30 June 2025



Startup Incubation and Innovation Centre, IIT Kanpur entered into a collaboration with SIDBI at its New Delhi office to strengthen innovation in the defense and allied sectors. The partnership focuses on supporting iDEX-backed startups and MSMEs through seed funding to promote import substitution, enhance domestic manufacturing, and boost defense exports. This initiative marks a significant step toward empowering indigenous technologies and advancing India's position as a global defense innovation hub.

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3 July 2025



SIIC, IIT Kanpur, signed a strategic agreement with India Exim Bank to extend technical assistance to startups with high export potential. The MoU was exchanged during Exim Bank's Trade Conclave in New Delhi by Prof. Manindra Agrawal, Director, IIT Kanpur, and Shri Tarun Sharma, Deputy Managing Director, Exim Bank. The event featured a keynote by Hon'ble Finance Minister Smt. Nirmla Sitharaman on 'Export-Oriented Growth for Viksit Bharat' and marked the virtual inauguration of Exim Bank's new offices in Lucknow, Indore, and São Paulo.

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Program

highlights



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On June 17, 2025, SIIC IIT Kanpur conducted expert talks at Jagran Institute of Management and Rama University on “AI and Entrepreneurship: Igniting Innovation at SIIC-FIRST, IIT Kanpur.” Mr. Vasav Krishna and Mr. Manish Singh Jadon from the AI/ML domain presented key insights on deep-tech innovation, incubation models, and the startup ecosystem at IIT Kanpur. The sessions highlighted how the AIIDE Centre of Excellence supports early-stage ideas through funding, mentorship, and infrastructure.

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On June 20, 2025, SIIC IIT Kanpur held the Orientation Day for Cohort-4 of the AIIDE Centre of Excellence. Mr. Vasav Krishna presented the cohort offerings, and Mr. Neeraj Mani from NASSCOM introduced six FutureSkills Prime courses in AI, cloud computing, and data analytics. Founders from previous cohorts, CodeMate® AI and Stillsweb, shared insights on their growth journeys, emphasizing the importance of resilience, vision, and mentorship.

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On June 22, 2025, RBI Governor Shri Sanjay Malhotra visited SIIC IIT Kanpur during the institute's 58th Convocation. Welcomed by Prof. Deepu Philip and Shri Piyush Mishra, he interacted with 17 startups across MedTech, AgriTech, AI, energy, and mobility, and encouraged a focus on fintech and cybersecurity. He highlighted the pivotal role of startups in shaping India's financial and digital future.

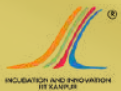
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On June 25, 2025, SIIC IIT Kanpur hosted Shri Arup Kumar, Managing Director of SIDBI Venture Capital Ltd., for an interactive session with startups incubated at the center. Founders showcased their technologies, discussed their scaling strategies, and received valuable feedback.

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Program

highlights



On June 25, 2025, SIIC IIT Kanpur hosted “From Bootstrapped Beginnings to Deep-Tech Scale,” led by Mr. Manish Choudhary, founder of Insightzz. He discussed his journey from a 3-member team in 2018 to a ₹20+ Cr revenue company, emphasizing disciplined growth, premium positioning, and value-driven scaling, reflecting SIIC’s commitment to empowering innovators with practical strategies.

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From July 3-5, 2025, the ASEAN-India ScaleHub Program took place in Bali, Indonesia, led by SIIC IIT Kanpur and supported by the Government of India’s Department of Science & Technology. The program gathered startups, policymakers, and innovation leaders to enhance ASEAN-India collaboration. Key participants included H.E. Shri Jayant Khobragade and Prof. Abhay Karandikar, among others. Discussions focused on scaling sustainable technologies, ethical AI, and commercializing research, with SIIC emphasizing its commitment to impactful cross-border innovation.

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On July 11, 2025, AIIDE and the MedTech Centres of Excellence at SIIC, IIT Kanpur held a seminar at HBTU TBI Foundation, engaging over 100 students, faculty, and entrepreneurs in AI/ML and MedTech innovation. Key speakers included Manish Singh Jadoun discussing government AI/ML initiatives and Monishka Sharma on the MedTech ecosystem’s impact on healthcare innovation.

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On June 26-27, 2025, SIIC IIT Kanpur participated as the Knowledge & Incubation Partner at the ASSOCHAM Roundtable during the UP MSME Sammelan in Lucknow. Represented by Dr. Neelakshi, SIIC highlighted its role in academic incubation, industry-linked skilling, and MSME innovation. The event enabled key interactions with policymakers, reinforcing SIIC’s commitment to the MSME ecosystem.

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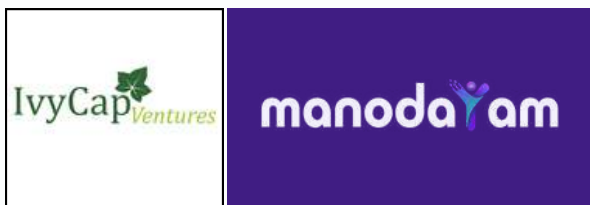




Newcycl Featured in YourStory for Smart Composting Innovation

Newcycl Private Limited was recently featured in YourStory Media for its innovative product, Rawbin—an IoT-enabled, odor-free smart composter that converts kitchen waste into nutrient-rich compost in just 7 days. The recognition highlights Newcycl's commitment to sustainable living and its impactful role in promoting circular economy practices through tech-enabled solutions.

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Manodayam Advances Mental Health Innovation with IvyCap Support

Manodayam Private Limited has received strategic funding from IvyCap Ventures, accelerating its development of an AI-powered voice-acoustic platform for early mental health detection. With this support, the startup launched a beta version of its app, collecting critical youth mental health data to refine its AI model and enhance real-world impact.

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Ksham Innovation & NeuroDrishti Named Finalists at STPI OctaNE CoE

Ksham Innovation Pvt. Ltd. and NeuroDrishti Pvt. Ltd. have been selected among the Top 13 finalists at the STPI OctaNE Centre of Excellence, Gangtok, under the Open Challenge Program. NeuroDrishti is developing AI-powered smart glasses for the visually impaired, while Ksham Innovation is transforming hearing care with affordable Able Glasses and a companion app—both contributing to accessible assistive technology.

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CLUIX Launches Imagine H2O Water Monitoring Pilot in UP

CLUIX Pvt. Ltd. launched the Imagine H2O Pilot Project in collaboration with the SWSM Uttar Pradesh and the Aga Khan Foundation. The initiative includes the deployment of 50 IoT-enabled water quality analyzers across rural communities, enabling real-time, decentralized monitoring. Part of a larger 100-village rollout, the project empowers local action and reduces reliance on central laboratories for water testing.

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ASEAN GALLERY



ASEAN INDIA SCALEHUB 2025

Is an initiative aimed at deepening economic ties, fostering technological cooperation, and scaling startups and enterprises through structured engagement between ASEAN and Indian innovation ecosystems. The 2025 edition emphasized collaboration in cutting-edge sectors such as decentralized AI, sustainable technologies, digital health, and IP innovation strategies—setting the stage for high-impact cross-border partnerships.



ASEAN-India ScaleHub 2025

3 DAYS OF
Innovation
Collaboration
Impact

- Policy & Governance Focus
- Participation Overview
- Startup Showcase
- Key Highlights



[Click here to watch the ASEAN glimpses](#)

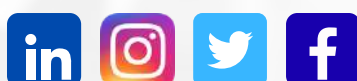
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Upcoming

Grants/Events/ Workshops

September 4th 2025

SIIC FUEL Investor Meet



www.siicincubator.com

Enablers

CSR



Knowledge



Industry



Service



Funding & Monitoring



AI Enablement



International



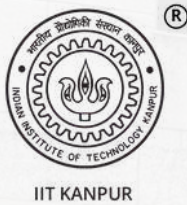
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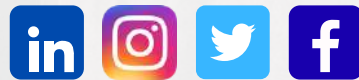
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SIIC: Where ideas take flight



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