IIT KANPUR

INCUBATION AND INNOVATION IIT KANPUR

STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR

Mar-Apr 2026

TECH की बात

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Refer to the section for more details.

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Refer to the section for more details.

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Refer to the section for more details.

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Refer to the section for more details.

DASHBOARD

STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR

Total number of Startups Incubated 530+	**New Incubations** 13	**Funding raised** 20.30Cr	**Patents Filed** 02
Strategic MoUs Signed 07	**Ecosystem Programs Conducted** 12	**Startup Achievements** 10	**National & International Delegations Hosted** 04

Opportunities

Opportunities for FACULTIES

FUTURE SECURE AI PROGRAM

FSAI is a student-centric program at IIT Kanpur to transform bold ideas in Artificial Intelligence and Cybersecurity into market-ready startups. It combines grants, mentorship, infrastructure, and industry exposure.

Grants
Financial support to nurture innovative ideas

Mentorship
Guidance from experts and mentors

Industry exposure
Connect with the industry leaders and collaborate on ideas

Website link -
https://siicincubator.com/fsai/

Opportunities for STUDENTS / RESEARCHERS

IITK FINTECH SPARK PROGRAM

The IITK FinTech Spark Program at the Indian Institute of Technology Kanpur is a flagship initiative designed to help students transform innovative ideas into scalable financial technology solutions.It bridges the gap between academic learning and real-world application through structured mentorship, funding support, and industry exposure.

Learning
structured learning to build strong foundational knowledge

Mentorship & funding support
Expert mentorship and access to funding

Website link -
https://siicincubator.com/

Mentor
Mantra

Ankush Tiwari

Founder & CEO, pi-labs.ai | Mentor, SIIC IIT Kanpur

Ankush Tiwari *has led multiple ventures in AI, cybersecurity, blockchain, and enterprise technology, advising startups and enterprises on innovation, digital transformation, and emerging technology adoption. He is currently building AI-driven cybersecurity solutions and decentralized technology platforms for enterprises and governments.*

There's a quiet truth about startup ecosystems that rarely makes headlines: investors don't just fund companies. They fund futures.

Every term sheet signed, every sector prioritised, every founder backed—these decisions aggregate into something far larger than individual returns. They become, collectively, a nation's technology roadmap.

This isn't hyperbole. It's an institutional reality.

When domestic investors consistently back fintech over deeptech, consumer apps over defence-grade AI, quick liquidity over decade-long infrastructure bets, they aren't just making portfolio decisions. They're signalling to an entire generation of builders what is worth building. And in most emerging economies, founders listen, because they must.

The Gravity of Capital

In mature innovation ecosystems like the United States or Israel, founders occasionally have the luxury of building against capital's grain. There's enough density of funding sources, enough patient money, enough institutional appetite for unconventional bets that a contrarian founder can find oxygen.

In emerging markets, that density doesn't exist yet. Here, the signal from capital is decisive in a way it simply isn't in Silicon Valley. If domestic investors routinely pass on hard-technology plays in semiconductors, sovereign AI, advanced materials, cybersecurity, robotics, or advanced manufacturing, those companies often struggle to scale.

Not because the talent isn't there.

Not because the vision is absent.

But because conviction without capital is just ambition with nowhere to go.

When Domestic Capital Hesitates

The consequences of investor hesitation in deeptech aren't abstract. They show up in import bills, strategic dependencies, and the uncomfortable realisation during moments of geopolitical uncertainty that critical infrastructure runs on someone else's technology stack.

This is precisely why government intervention in such markets isn't a market distortion; it's often a market correction.

When private capital underweights long-horizon, high-complexity innovation, the state must step in not as a replacement for markets, but as a catalyst for them. Funds of funds, sovereign innovation vehicles, patient public capital, and targeted research-commercialisation programmes are mechanisms that help bridge gaps where market incentives alone may fall short.

Countries that have understood this, South Korea with semiconductors, Israel with cybersecurity, and China with advanced technologies have not waited for private markets to organically discover strategic priorities. They have shaped investment gravity deliberately.

India is increasingly moving in a similar direction. Initiatives such as the Anusandhan National Research Foundation (ANRF), the Research, Development and Innovation (RDI) Scheme, and mission-driven investments across strategic sectors reflect a growing recognition that technological leadership requires long-term capital aligned with national priorities.

Aligning Capital with National Ambition

If a country wants sovereign technology leadership - the ability to build, own, and operate critical systems without excessive external dependency it must treat domestic capital allocation as a matter of strategic importance, not merely financial preference.

This means creating incentive structures that reward patient, mission-aligned investing.

It means celebrating investors who back hard problems, not just fast-growing ones.

It means building a culture where an investor backing a defence-tech, semiconductor, AI, quantum, climate-tech, or advanced manufacturing startup is viewed as contributing to national capability creation as much as the founders themselves.

Where capital flows, innovation follows.

That's not a criticism of investors; it's an acknowledgement of their influence.

What This Means for Founders

For founders building deeptech ventures today, this reality carries an important lesson: capital scarcity should not be mistaken for lack of importance.

Some of the most strategically significant technologies often face the longest fundraising journeys because markets have not yet learned how to value them.

Founders working in areas such as AI, cybersecurity, quantum technologies, semiconductors, robotics, defence systems, climate technologies, and advanced manufacturing must therefore build for long-term value creation rather than short-term market sentiment. The ability to solve difficult, nationally relevant problems often becomes a competitive advantage in itself.

As India strengthens its innovation ecosystem through institutions, incubators, research centres, and public-private funding mechanisms, the alignment between entrepreneurial ambition and national priorities is likely to become stronger than ever before.

The question for any nation serious about technological sovereignty isn't whether investors shape its future. They already do.

The real question is whether that shaping is intentional.

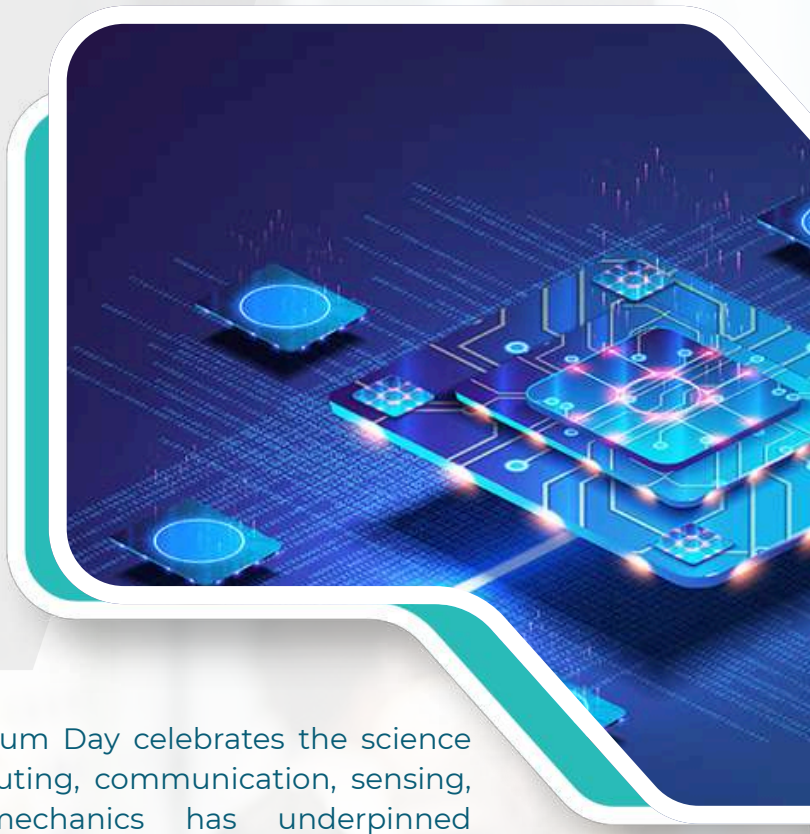
Because in the end, a nation's technology ambition is only as real as the capital willing to fund it.

IMPACT STORY

STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR

BEYOND THE HYPE: WHY SIIC IIT KANPUR IS INVESTING IN INDIA'S QUANTUM FUTURE?

ON WORLD QUANTUM DAY 2026, STARTUP INCUBATION AND INNOVATION CENTRE (SIIC), IIT KANPUR OFFICIALLY LAUNCHED ITS QUANTUM TECHNOLOGY DOMAIN - A STRATEGIC STEP TOWARDS SUPPORTING THE NEXT GENERATION OF STARTUPS BUILDING IN ONE OF THE WORLD'S MOST TRANSFORMATIVE TECHNOLOGY FRONTIERS.



Observed globally on April 14, World Quantum Day celebrates the science that is quietly shaping the future of computing, communication, sensing, and cybersecurity. While quantum mechanics has underpinned transformative technologies such as semiconductors, lasers, and modern electronics for decades, the world is now entering a new era—one in which advances in technology are enabling the deliberate engineering and harnessing of quantum phenomena.

This shift is paving the way for a new generation of quantum technologies with the potential to redefine industries, economies, and national capabilities. As nations race to build quantum ecosystems, India has also taken decisive steps through the National Quantum Mission, research hubs, and increasing investments in frontier technologies.

Recognising this shift, SIIC IIT Kanpur launched its dedicated Quantum Technology Domain to support startups, researchers, and innovators working across key areas including Quantum Computing, Quantum Communication, Quantum Sensing, and Post-Quantum Cryptography.

It is a deep-tech discipline where scientific breakthroughs often require years of experimentation, specialised infrastructure, interdisciplinary expertise, and patient capital before they can become commercially deployable products.
In an article titled "Quantum Beyond the Hype: What the Quantum Revolution Actually Means and Why Building the Right Ecosystems Matters as Much as Building the Technology," Dr. Amruta Gadge, Domain Head – Quantum Technologies at SIIC IIT Kanpur, highlights an important reality: while the excitement around quantum technologies is justified, building successful quantum ventures requires far more than breakthrough science alone.

IMPACT STORY

According to Dr. Gadge, the true challenge lies in translating laboratory research into scalable technologies capable of addressing real-world problems. Whether in secure communications, advanced sensing systems, next-generation materials, healthcare applications, or strategic technologies, the journey from scientific discovery to market adoption is often long and complex. This is where innovation ecosystems become critical.

By establishing the Quantum Technology Domain, SIIC aims to provide startups with access to mentorship, incubation support, translational expertise, research networks, industry partnerships, and commercialization pathways specifically tailored to the unique needs of quantum ventures. The initiative also seeks to strengthen collaboration between academia, government, industry, and entrepreneurs an approach increasingly recognised worldwide as essential for building globally competitive quantum capabilities.

Being embedded within the IIT Kanpur ecosystem offers a unique advantage. It enables researchers, founders, engineers, investors, and policymakers to engage within a shared innovation framework, accelerating the movement of frontier research from laboratories to real-world deployment.

As the global quantum landscape continues to evolve, SIIC's objective is clear: not merely to participate in the quantum future, but to help create the ecosystem that enables it.

KEY TAKEAWAY

QUANTUM BREAKTHROUGHS ALONE WILL NOT DEFINE THE NEXT DECADE. THE INSTITUTIONS THAT SUCCESSFULLY CONNECT RESEARCH, ENTREPRENEURSHIP, INFRASTRUCTURE, CAPITAL, AND INDUSTRY WILL. WITH THE LAUNCH OF ITS QUANTUM TECHNOLOGY DOMAIN, SIIC IIT KANPUR IS TAKING A SIGNIFICANT STEP TOWARDS BUILDING THAT BRIDGE.

"The next decade of quantum innovation will not be defined only by breakthroughs in physics, but by the ecosystems capable of sustaining them." Dr. Amruta Gadge, Domain Head Quantum Technologies, SIIC IIT Kanpur

ABHIVYAKTI '26

TRANSFORMING FRONTIER RESEARCH INTO GLOBAL SOLUTIONS

FLAGSHIP STARTUP SHOWCASE

Abhivyakti 2026, hosted by the Startup Incubation and Innovation Centre (SIIC), IIT Kanpur, was designed as a curated innovation and investment platform to accelerate the journey from frontier research to real-world solutions.

Over two days, the event brought together a curated mix of startups, investors, mentors, corporates, policymakers, and academia - creating an environment focused on stakeholder engagement, not passive participation.
A defining strength of Abhivyakti 2026 was the depth of interactions. Through structured one-on-one meetings and focused sessions, conversations evolved from introductions to investment evaluation, partnership exploration, and strategic alignment. This significantly reduced discovery friction and enabled stakeholders to engage with clarity and intent.

The event also reflected a broader shift in the innovation ecosystem. Startups demonstrated stronger execution readiness, clearer market pathways, and scalable business models, while investors and ecosystem enablers focused on signal over narrative - prioritizing traction, clarity, and capital efficiency.

The event included keynote speeches, themed discussions, organized networking, and structured evaluation sessions, helping participants shift from just learning to validating ideas, aligning goals, and creating opportunities. The agenda was deliberately layered: opening with policy perspectives, advancing through sectoral deep dives, and closing with the Pitch Battle and Demo Day. By integrating visibility, access, and structured engagement, Abhivyakti 2026 successfully positioned itself as a structured engagement platform connecting startups, investors, corporates, and policymakers. Where innovation connects with capital, capability, and market opportunity.

ABHIVYAKTI '26

TRANSFORMING FRONTIER RESEARCH INTO GLOBAL SOLUTIONS

FLAGSHIP STARTUP SHOWCASE

KEY OUTCOMES OF ABHIVYAKTI 2026 INCLUDE:

- Creation of high-quality investment pipelines through direct startup–investor interactions
- Identification of high-potential, scalable ventures across deep-tech sectors
- Initiation of strategic partnerships between startups, corporates, and institutions
- Alignment of innovation with real-world problem statements, particularly in strategic sectors

By integrating visibility, access, and structured engagement, Abhivyakti 2026 successfully positioned itself as a structured engagement platform connecting startups, investors, corporates, and policymakers. Where innovation connects with capital, capability, and market opportunity.

As the ecosystem continues to mature, platforms like Abhivyakti play a critical role in enabling faster decision-making, stronger collaborations, and sustained innovation-led growth.

Category	Count
Total Walk-in	10000+
Total Registered Attendees	1000+
Investors & VCs	25+
Corporate / Industry Delegates	70+
Startups / Founders	300+
Students & Faculty	200+
Government / Policy Officials	25+
Media Representatives	25+

NEW INCUBATION

STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR

KPL

KARGETU PRIVATE LIMITED

Founded by Narendra Patidar and Asha Patidar, Kargetu is building solutions for the future of urban mobility, addressing the growing challenge of efficient, sustainable movement within cities. The company is driving innovation at the intersection of transportation infrastructure and emerging mobility technologies.

IDRPL

IMMERSIVE DYNAMICS RESEARCH PRIVATE LIMITED

Founded by Neha Bhadauria and Rama Devi, Immersive Dynamics specialises in autonomous underwater and surface robots (USVs) for surveillance and inspection, secure handheld and GCS command-and-control systems, and mesh-network-based remote demolition solutions that map charge locations via GPS for safer, more precise field operations.

WAGO

WAGLO PRIVATE LIMITED

Founded by Anish Moolchandani and Rinki Moolchandani, Waglo designs V2X-enabled autonomous navigation systems and cooperative swarm intelligence for heavy-duty industrial vehicles. Their 5G/6G-ready OBUs and "Drive-by-Wire retrofit kits - branded Swarmdrive -" enable safe, low-latency, multi-agent manoeuvring in ports and logistics hubs.

Ariha

ARIHAFOODS PRIVATE LIMITED

Founded by Amit Vaishnav and Farah Sheth, Arihafoods is reimagining everyday staples for healthier living. The company develops low-glycemic-index breads fortified with dietary and prebiotic fibre, offering a functional food alternative that supports metabolic health without compromising on taste or accessibility.

NEW INCUBATION

TECHPHOSIS PRIVATE LIMITED

Founded by Ritesh Aggarwal and Mangal Singh, Techphosis operates at the frontier of next-generation connectivity and intelligence, building capabilities in 5G/6G networks, Innovation Labs, and Artificial Intelligence. The company is positioned to power the infrastructure and applications of tomorrow's connected world.

SURGVIS AR HEALTHCARE PRIVATE LIMITED

Founded by Aakash Kohli and Anil Kumar Kohli, Surgvis AR is transforming the surgical experience through augmented reality. The company develops software-driven surgical visualisation, AR-based planning and navigation systems, and imaging and data processing tools, bringing greater precision and confidence to the operating room.

SAMSRUSHTI HEALTH TECHNOLOGY & SOLUTIONS PRIVATE LIMITED

Founded by Sheshadri Srinidhi, Ramrao Honnatti Dheerendra, Thippur Narasimhamurthy Guruprasad, and Medha Adiga, Samsrushti is advancing sustainable agriculture through Earth Vital, a research-based microbial soil conditioner that improves soil health, reduces chemical dependency, and enhances crop productivity for farmers.

VEIDS VENTURES PRIVATE LIMITED

Founded by Shreyansh Tatiya, Deeksha Chajer, Saloni Garg, and Yash Jain, Veids Ventures is developing innovative healthcare and sustainability-focused products. Leveraging technologies such as AI, automation, and data-driven systems, the company creates solutions that improve efficiency, accessibility, and environmental impact while addressing emerging challenges across healthcare and sustainable living.

AVINYA INFINITY SOLUTIONS PRIVATE LIMITED

Founded by Brajogopal Chakraborty and Arijit Majumdar, Avinya Infinity Solutions deals in the business of healthcare technology. The company develops technology-enabled products and solutions while leveraging AI, automation, and emerging technologies to address critical challenges and create a more sustainable future.

NEW INCUBATION

AMVERTIX PRIVATE LIMITED

Founded by Mukesh Maurya and Anupam Nigam, Amvertix Private Limited is developing advanced power converter technologies for solar energy and electric vehicle applications. The company is focused on enabling efficient, reliable, and sustainable power management solutions for next-generation clean energy systems.

KANSAT PRIVATE LIMITED

Founded by Anubhav Kumar, Kiran Anand, and Shreya Pourush, Kansat delivers specialised microwave and RF solutions, technologies that underpin critical communications, sensing, and defence systems.

AUGMENTED MOVE ABILITY PRIVATE LIMITED

Founded by Anurag Mishra and Abhishek Kumar Misra, Augmented Move Ability Private Limited is developing advanced assistive and robotic technologies aimed at enhancing human capabilities and accessibility. The company is driving innovation in robotics, smart assistive devices, and human-centric mobility solutions to enable greater independence and inclusive technology adoption.

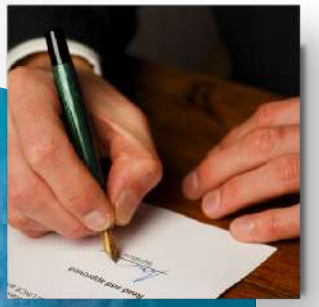
DISHAAI SMARTHEALTH PRIVATE LIMITED

Founded by Amit Sharma and Honey Bhasker Sharma, Dishaai Smarthealth Private Limited is building AI-driven preventive healthcare, digital health intelligence, and wellness solutions. The company is focused on leveraging artificial intelligence to enable smarter healthcare monitoring, early intervention, and accessible wellness management.

MONTHLY

TIMELINE

STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR



On April 28, 2026, 247VC Investment Trust and SIIC IIT Kanpur signed an MoU to strengthen startup support, investment collaboration, and founder enablement across emerging sectors. The partnership focuses on startup curation, funding opportunities, market access, mentorship support, knowledge exchange, and joint capacity-building initiatives.

On April 28, 2026, IA India Accelerator Private Limited and SIIC IIT Kanpur signed an MoU to strengthen startup support, investment readiness, and innovation-led entrepreneurship across emerging sectors. This collaboration brings together IA India Accelerator's investment network and accelerator expertise with SIIC IIT Kanpur's deep-tech incubation ecosystem, creating a robust platform to nurture high-potential ventures across emerging sectors.

On March 27, 2026, Chandra Shekhar Azad University of Agriculture & Technology (CSAUA&T) and SIIC, IIT Kanpur, signed an MoU to strengthen the agri-tech startup and entrepreneurship ecosystem. The partnership focuses on promoting incubation activities, developing business opportunities for startups through shared mentor networks, and exchanging best practices to build effective entrepreneurship policy and frameworks. It also enables the joint organisation of seminars, workshops, and conferences for startups and entrepreneurs, as well as opportunities for portfolio companies to access incubation support at SIIC. Dr. Ashutosh Agnihotri, CEO, and Mr. Piyush Mishra, COO, SIIC IIT Kanpur, showcased successful agri-tech startups to the Hon'ble Agriculture Minister and offered support in establishing a Startup Incubation Centre at CSAUA&T.

Read More

On March 20, 2026, Energy Efficiency Services Limited (EESL), a leading public energy company signed an MoU to strengthen India's clean energy and sustainability startup ecosystem. The partnership focuses on accelerating high-potential startups across clean tech, energy efficiency, agri-tech, and sustainability, enabling structured support across validation, market access, and scale. It creates a clear pathway for startups to move beyond pilots to large-scale deployment, advancing solutions for climate action, carbon markets, and sustainability challenges. Facilitated by Mr. Anil Kumar Choudhary, this collaboration brings together EESL's institutional strength and industry scale with SIIC's startup incubation expertise, advancing innovation-led growth and entrepreneurship in the country.

Read More

On March 20, 2026, Speciale Incept Advisors LLP and SIIC, IIT Kanpur, signed an MoU to strengthen India's deep-tech startup and investment ecosystem. The partnership focuses on startup evaluation, curation, and funding opportunities, enabling investment readiness and founder enablement through mentorship, expert access, and curated network connections. It also supports market enablement with sector-specific guidance, joint programs for capacity building, and structured knowledge exchange to share best practices across the startup community.

On March 18, 2026, Canara Bank and SIIC, IIT Kanpur, signed an MoU to strengthen India's startup and entrepreneurship ecosystem. The partnership focuses on program promotion and outreach through social media, campaigns, and website visibility, connecting startups with industry networks, mentors, consultants, and investors and recommending high-potential ventures for the program. It also enables joint organisation of seminars, workshops, and conferences for startups and entrepreneurs, along with participation in Demo Day and shared knowledge-exchange initiatives.

On February 25, 2026, IIT Kanpur licensed its patented point-of-care uric acid detection technology to Sensa Core Medical Instrumentation Pvt. Ltd. Developed by Prof. Siddhartha Panda and Dr. Nishant Verma, the non-enzymatic electrochemical sensor enables rapid, reagent-free testing within 60 seconds, advancing accessible and reliable diagnostics for diverse healthcare settings.

PROGRAM

HIGHLIGHTS

From February 16–20, 2026, Startup Incubation and Innovation Centre, IIT Kanpur participated in the India AI Impact Summit 2026 at Bharat Mandapam, New Delhi, under the Government of Uttar Pradesh Pavilion, where five SIIC-incubated startups—CodeMate AI, Gaurdex.AI, Cyber Chakra Technology, Shitashii Innovations Pvt. Ltd., and EkVayu Tech showcased AI-driven innovations across enterprise automation, cybersecurity, MedTech, defence, and decision intelligence. The Pavilion was honoured by the visit of Hon'ble Defence Minister Rajnath Singh and Anurag Yadav, Principal Secretary, IT & Electronics, Govt. of UP, whose interactions highlighted the growing importance of AI-led deep-tech innovation in strengthening India's startup ecosystem.

Read More

On February 18, 2026, SIIC IIT Kanpur facilitated the launch of AMRITVA Cohort 2 at the Department of Pharmaceuticals, under the CSR initiative of Boehringer Ingelheim in partnership with NIPER Raebareli. The programme awarded five winners, three faculty members (₹8 lakh each) and two research scholars (₹6 lakh each) to advance pharma innovations, along with structured mentorship, IP support, and incubation assistance for translating research into market-ready healthcare solutions.

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At TiECon UP 2026, SIIC IIT Kanpur advanced deep-tech investment dialogue and industry–academia collaboration across Uttar Pradesh. Out of 20 startups evaluated, 8 were shortlisted for investor presentations, including 6 SIIC-incubated startups: Brahmion SpaceTech, EkVayu Tech, Maraal Aerospace, DGRakshak, TanPrish Dynamics, and Dream Aerospace. Prof. Manindra Agrawal and Prof. Deepu Philip highlighted that strategic capital, indigenous R&D, and strong incubation support remain key drivers of India's Atmanirbhar growth in deep-tech sectors.

Read More

PROGRAM
HIGHLIGHTS

On March 3, 2026, SIIC IIT Kanpur participated in the Bundelkhand Venture Summit 2026, reaffirming its commitment to strengthening startup ecosystems across Tier-2 and Tier-3 cities. Prof. Deepu Philip, PIC, SIIC IIT Kanpur, represented the institute and was felicitated for enabling structured incubation and regional innovation, while SIIC-incubated startups ScaNxt, Maraal Aerospace Private Limited, and Medantrik showcased their solutions. The summit highlighted that grassroots entrepreneurship, institutional support, and research-driven innovation remain key drivers of inclusive startup growth.

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On March 6, 2026, SIIC IIT Kanpur hosted a distinguished Indian Air Force delegation led by Air Vice Marshal T.P. Singh, AVSM, VM, ACAS (Plans), to showcase IIT Kanpur's growing role in aerospace, defence R&D, and emerging technologies. The delegation interacted with SIIC-incubated startups and visited key facilities, including the Accelerator at Technopark, Airstrip & Hangar, Testing Labs, NWTF, and EMI Labs, emphasising that stronger defence–academia collaboration and deep-tech innovation remain key drivers of India's strategic and technological advancement.

Read More

On March 26, 2026, Startup Incubation and Innovation Centre, IIT Kanpur, conducted an MSME Innovative Scheme Awareness Workshop at Harcourt Butler Technical University (HBTU), Kanpur, to sensitise students, innovators, and startups on scheme opportunities. Led by Dr Neelakshi, Domain Head, CleanTech, GreenTech & SocialTech, SIIC IIT Kanpur, the session highlighted key provisions, including idea hackathons and design support for MSMEs, promoting innovation-led entrepreneurship and strong participant engagement.

Read More

PROGRAM

HIGHLIGHTS

On April 7, 2026, Air Marshal Balakrishnan Manikantan, Air Officer Commanding-in-Chief, Central Air Command, visited IIT Kanpur and interacted with Prof. Tarun Gupta, Dean of Research and Development, and Prof. Deepu Philip, Professor-in-Charge, Incubation & Innovation & RTPF, along with Air Marshal Philip Thomas, AVSM, VM (Retd.) and Air Marshal Balabhadra Radha Krishna, PVSM, AVSM, SC (Retd.), Visiting Professors of Practice at SIIC IIT Kanpur. The discussions focused on ongoing research and defence innovation initiatives, reinforcing that strong academia–defence collaboration remains key to advancing strategic technologies and strengthening India's vision of Atmanirbhar Bharat.

Read More

On April 8, 2026, SIIC IIT Kanpur hosted Mr. R. Balamurugan Ramasamy, Executive Vice President, HCLTech, and Mr. Shardul Rao, Scientist C, Department of Science & Technology, Government of India, at the MedTech Centre of Excellence. The delegation interacted with SIIC-incubated startups TanPrish Dynamics Pvt. Ltd., Menteve, Biosprint Medtech Pvt. Ltd., and Jeevatva Biosciences Pvt. Ltd., discussing technology development, clinical validation, and commercialisation pathways, reinforcing that industry–government engagement and strategic mentorship remain key drivers of scalable MedTech innovation.

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From April 8–10, 2026, SIIC IIT Kanpur participated in Electronica India and Productronica India, hosted by the Government of Uttar Pradesh at India Expo Centre & Mart, Greater Noida. Dr. Amrita De Adhikari and Mr. Shravan Sharma from the SIIC IoT team engaged with industry stakeholders across electronics, IT, and mobility sectors, while SIIC-incubated startups Sunmint Energy Pvt. Ltd., Innovative Grid Services Pvt. Ltd., Immersive Dynamics Research Pvt. Ltd., and Veer Connects India Pvt. Ltd. showcased their market-ready innovations, reinforcing the growing strength of IIT Kanpur's electronics and deep-tech startup ecosystem.

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PROGRAM
HIGHLIGHTS

In April 2026, the AIIDE Centre of Excellence (CoE) at SIIC IIT Kanpur conducted a series of outreach and knowledge-sharing sessions at T.S. Mishra University, Lucknow; Maharana Pratap Engineering College, Kanpur; and Ambalika Institute of Management and Technology, Lucknow. Led by Mr. Vasav Krishna, Sr. Program Manager, AI/ML Domain, the sessions highlighted the evolving AI landscape, startup opportunities in Uttar Pradesh, and the growing role of AI-driven entrepreneurship, reinforcing that innovation-led ecosystem engagement remains key to nurturing future-ready deep-tech founders.

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On April 16, 2026, SIIC IIT Kanpur reaffirmed its commitment to supporting Uttar Pradesh's vision of emerging as India's Deep-Tech capital across AI, Quantum Computing, Drone Technology, Green Hydrogen, Cybersecurity, and MedTech. During an interaction with Hon'ble Chief Minister Shri Yogi Adityanath, Prof. Manindra Agrawal, Director, IIT Kanpur, highlighted the institute's ongoing efforts in translating cutting-edge research into scalable, real-world innovation, reinforcing the role of academia-driven entrepreneurship in advancing the state's innovation ecosystem.

Read More

In April 2026, SIIC IIT Kanpur, in partnership with the SBI Foundation LEAP Program, hosted a webinar on "Understanding Regulations and Standards - MedTech Devices." Mr. Anil Jauhri, Ex-CEO, NABCB, and Mr. Omprakash Sadhwani, Former Joint Commissioner, FDA & Drugs Controller, Maharashtra, shared expert insights on regulatory pathways, quality standards, and compliance frameworks, emphasising that strong regulatory understanding and quality-driven innovation remain key drivers of scalable and market-ready MedTech solutions.

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On April 18, 2026, SIIC IIT Kanpur engaged with stakeholders at the AIIDE Centre of Excellence, Noida, supported by the Government of Uttar Pradesh. Prof. Deepu Philip, Professor-in-Charge, SIIC IIT Kanpur, held discussions on strengthening the AI and deep-tech innovation ecosystem and interacted with startups Curadev Pharma and Ananant Systems, reinforcing the growing momentum of research-driven entrepreneurship and industry collaboration.

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PROGRAM

HIGHLIGHTS

On April 25, 2026, SIIC IIT Kanpur hosted a delegation from Dassault Aviation, including Vivekanand Borse, Head of Offsets & Dassault Skill Academy–India, and Mayur Yaul, Coordinator, Dassault Skill Academy–India. The delegation interacted with aerospace and defence startups and visited key research facilities including the Flight Lab, Wind Tunnel Facility, and Technopark, reinforcing that industry–academia collaboration and deep-tech innovation remain key drivers of India's evolving aerospace and defence ecosystem.

Read More

On April 28, 2026, SIIC, IIT Kanpur participated in the first State-Level Operation Dronagiri Coordination Committee Meeting held under the chairmanship of Shri Pandhari Yadav, IAS, Principal Secretary, Department of Science and Technology, Government of Uttar Pradesh. Dr. Ashutosh Agnihotri, CEO, SIIC-FIRST IIT Kanpur, and Dr. Gopal Krishna Dixit, Domain Head - AI/ML, contributed insights on geospatial technologies, drone innovation, and AI-driven governance solutions, reinforcing that collaborative technology-led frameworks remain key drivers of scalable public impact and smart governance.

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SUCCESS STORIES

AVRIS Environment Technologies Partners with Rotary Club of Madras for Sustainability Initiative

SIIC IIT Kanpur-incubated AVRIS Environment Technologies Pvt. Ltd. partnered with the Rotary Club of Madras to advance sustainable environmental solutions through its CHUGG initiative. The collaboration highlights the growing importance of industry–community partnerships in driving sustainability-focused innovation and responsible waste management practices.

Read More

CodeMate® AI Unveils v3.5 of Its AI-Powered SDLC Ecosystem

SIIC IIT Kanpur-incubated CodeMate® AI launched v3.5 of its AI-powered SDLC ecosystem, introducing tools including C0, CORA, Build, and PR Review Agent. The launch highlights the growing strength of secure, enterprise-ready AI innovation built for scalable software development.

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CDISC Technologies Receives KMA Green Palms Sustainability Startup Award 2026

SIIC IIT Kanpur-incubated CDISC Technologies Pvt. Ltd. was honoured with the KMA Green Palms Sustainability Startup Award 2026 on World Earth Day, recognising its commitment to environmentally responsible engineering and sustainable construction technologies. The recognition reinforces that purpose-driven innovation and low-impact infrastructure solutions remain key drivers of a resilient and sustainable future.

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Maraal Aerospace Successfully Conducts Flight Trials of Solar-Powered UAV "Tejasvaan"

SIIC IIT Kanpur-incubated Maraal Aerospace successfully conducted flight trials of its solar-powered UAV, "Tejasvaan," marking a significant milestone in sustainable aerospace innovation. The achievement reinforces that indigenous autonomous aviation and clean-energy-driven flight technologies remain key drivers of the future of aerospace and defence innovation in India.

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SUCCESS STORIES

Genomiki Solutions Strengthens Presence in India's Biotech Innovation Ecosystem

SIIC IIT Kanpur-incubated Genomiki Solutions showcased its innovations at the first-ever BioE3 Conclave 2026 in Jaipur and was also invited to the USIBC 50th Anniversary Special Summit hosted by the US-India Business Council. The engagements highlighted the startup's growing focus on genomics, AI-driven diagnostics, and precision medicine, reinforcing

Read More

Ksham Innovation Gains Recognition for AI-Driven Social Impact

SIIC IIT Kanpur-incubated Ksham Innovation was featured in OpenAI's AI for Social Good showcase at the AI Impact Summit 2026 and pitched at ISB I-Venture's I HEAL 4.0 Demo Day, highlighting its innovation-driven social impact and the role of ecosystem support in scaling inclusive AI solutions.

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RNT HealthInsights Selected for IHH Catalyst | Fortis India Edition

SIIC IIT Kanpur-supported RNT HealthInsights, a BFI Cohort 1 grantee, has been selected for the IHH Catalyst | Fortis India Edition. The recognition highlights the startup's growing impact in healthcare innovation and reinforces that strong incubation support and market-driven health solutions remain key drivers of scalable MedTech entrepreneurship.

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Apcegen Technologies Co-founder Honoured by Outlook Business

SIIC IIT Kanpur-incubated Apcegen Technologies' Co-founder Amita Vyas was recognised by Outlook Business as a "Visionary Women Leader in Biotechnology and Healthcare Innovation" in Mumbai on March 19, 2026. The recognition highlights her leadership in advancing biotech innovation and reinforces the role of women-led entrepreneurship in shaping India's healthcare future.

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SUCCESS STORIES

Lenek Technologies Wins IndiaAI–National Cancer Grid India CATCH Grant 2026

SIIC IIT Kanpur-incubated Lenek Technologies, partnering with KNMH Prayagraj, won the IndiaAI–National Cancer Grid India CATCH Grant 2026 Challenge at the IndiaAI Impact Summit 2026. Their portable, handheld AI-enabled lung cancer screening platform highlights how indigenous AI innovation can drive accessible, early healthcare diagnostics in India.

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Vasundhara Biofibers Earns Recognition for Sustainability-Driven Innovation

SIIC IIT Kanpur-incubated Vasundhara Biofibers, founded by Preeti Singh, was recognised with the Emerging Social Entrepreneur of the Year 2026 by XLRI Jamshedpur and was also featured on Nation Now Samachar for its work in transforming agricultural residues into sustainable packaging solutions. The recognition highlights the startup's contribution towards empowering farmers, reducing stubble burning, and advancing the circular bioeconomy, reinforcing that purpose-driven and sustainability-led innovation remains key to building an inclusive startup ecosystem

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Shitashii Innovations Showcases MedTech Innovation at India AI Impact Summit 2026

SIIC IIT Kanpur-incubated Shitashii Innovations Pvt. Ltd. represented MedTech and AI innovation at the India AI Impact Summit 2026, held from February 16–20 at Bharat Mandapam, New Delhi. Showcasing its AI-enhanced medical systems, the startup highlighted how intelligent healthcare solutions are transforming patient care, reinforcing that indigenous AI-driven MedTech innovation remains key to shaping the future of healthcare in India.

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PRAGYAN LABS

In this edition of Innovators se Baat, co-hosted by Himanshi Kushwaha, Media and Outreach team and Dr Amrita De Adhikari, Domain Head, IoT & Electronics, SIIC IIT Kanpur, we speak with Utkarsh Raj, Founder of Pragyan Labs, a deep-tech startup incubated at SIIC IIT Kanpur, developing next-generation assistive technology for visually impaired individuals. What began as a question during his student years, "How do blind people truly access technology?" has evolved into an ambitious mission to build affordable, internet-enabled Braille computing systems. In this conversation, Utkarsh shares the inspiration behind Pragyan Labs, the engineering challenges of building tactile computers, and his vision of making digital learning and accessibility more inclusive for millions of visually impaired users.

Himanshi Kushwaha (HK): Could you introduce yourself and tell us what Pragyan Labs is building?

Utkarsh Raj (UR): I am Utkarsh Raj, Founder of Pragyan Labs. We are building an electromagnetic multi-line refreshable Braille display, essentially a tactile computer for visually impaired users. In India, nearly 1.3 million people are completely blind, but most existing Braille devices are extremely expensive and offer limited accessibility. Our product, Slate, is designed to provide affordable, internet-enabled access with features like multi-line reading, graph visualisation, ChatGPT integration, and embedded operating systems to support education and independence.

Dr. Amrita De Adhikari (ADA): Your tagline is "Engineering Tomorrow." What does that mean to you?

UR: For us, "Engineering Tomorrow" means building technologies that solve future-facing challenges. At Pragyan Labs, we are not just creating products; we are trying to redefine accessibility technology and create systems that can genuinely improve the quality of life for visually impaired users.
ADA: Building a compact multi-line Braille system sounds technically challenging. What has been the toughest part?
UR: The biggest challenge is engineering precision. Every Braille cell is extremely small, and fitting multiple independent moving pins into that compact space is very difficult. We experimented with thousands of mechanisms before arriving at a working electromagnetic actuator system that is both energy efficient and scalable. That was a defining breakthrough for us.

HK: What inspired you to work on this problem?

UR: The idea started during my college years when I began thinking about how blind people read and write. While researching, I realised there were very few advanced electronic Braille devices available, especially affordable ones. Later, during my research experience at CSIR-NPL, I developed the patience and technical exposure needed to work on challenging engineering problems. Eventually, I decided to dedicate myself full-time to building Pragyan Labs and solving this accessibility gap.

HK: What advice would you give to young founders building deep-tech startups?

UR: Deep-tech takes patience. There are failures, frustrations, and long development cycles, but consistency matters the most. If you genuinely believe in solving a problem, keep building and don't give up midway. The process is difficult, but the satisfaction of creating meaningful impact makes it worth it.

"If you don't give up, the result will eventually be yours. Just keep building." - Utkarsh Raj, Founder, Pragyan Labs

UPCOMING

GRANTS/EVENTS/WORKSHOPS

The Drone Centre of Excellence (CoE) supports innovation and commercialization of indigenous drone technologies through incubation, mentoring, funding support, industry partnerships, and access to testing and validation infrastructure.

The SIDBI Seed Fund Programme under FIRST (SPiDeR) supports iDEX-backed MSMEs and startups in defence and allied sectors by providing seed funding to accelerate innovation, indigenization, domestic manufacturing, import substitution, and export-oriented growth.

ENABLERS

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CUGL Central U.P. Gas Limited
MCX METAL & ENERGY Trade with Trust
citi
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SKODA | VOLKSWAGEN
Boehringer Ingelheim
SAFEXPRESS Distribution Redefined
PREMJI INVEST
SBI FOUNDATION Service Beyond Banking

FUNDING & MONITORING

DSIR
DEPARTMENT OF BIOTECHNOLOGY
Ministry of Electronics and Information Technology Government of India
Department of Science and Technology
Ministry of Housing and Urban Affairs Government of India
बायरैक birac Biotechnology Industry Research Assistance Council
NIDHI by DST Entrepreneur-in-Residence
START INUP A Government of UP Initiative
icmr INDIAN COUNCIL OF MEDICAL RESEARCH
iDEX Innovations for Defence Excellence
SIDAC
sidbi
MeitY Startup Hub
SBI

KNOWLEDGE

futureskills prime A MeitY - NASSCOM Digital Skilling Initiative
DWIH New Delhi Land of Ideas

AI ENABLEMENT

PELTARION

INDUSTRY

FICCI
AIMED Encouraging Responsible Manufacturing Association of Indian Medical Device Industry

INTERNATIONAL

iit STARTUPS
Singapore Indian Chamber of Commerce & Industry
MEET VENTURES
TORONTO BUSINESS DEVELOPMENT CENTRE

SERVICE

aws
exotel
freshworks
IIT KANPUR
INCUBATION AND INNOVATION IIT KANPUR
STARTUP INCUBATION AND INNOVATION CENTRE IIT KANPUR

CLINICAL

AIG HOSPITALS
Ruby Hall Clinic
NH Narayana Health Health for all. All for health.

INNOVATION CORNER

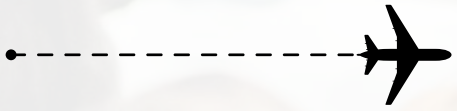
Startup Myth vs Reality

MYTH	REALITY
A great idea is enough to build a startup.	Execution matters more than the idea.
Startups begin with funding.	Most startups begin with solving a real problem.
Entrepreneurs know everything from Day 1.	Most founders learn while building.
You need to quit your job to start a startup.	Many successful startups begin as side projects.

SIIC Insight: Start with a problem worth solving, not a company worth registering.

CAN YOU GUESS THE STARTUP?

- Building indigenous aerospace technology in India.
- Developing autonomous aerial systems capable of operating in challenging environments with minimal human intervention.
- Uses advanced AI, navigation, and flight-control technologies to enable beyond-visual-line-of-sight (BVLOS) operations.
- Its solutions have applications across defence, logistics, surveillance, disaster response, and strategic operations.
- Contributing to India's vision of self-reliance in critical aerospace and defence technologies.
- Selected for Bharat Innovates, a national platform recognizing high-potential startups driving innovation and self-reliance in India.
- **They are selected to exhibit in Bharat Innovates 2026**



Can you guess the startup?

Scan the QR Code

STARTUP
INCUBATION AND
INNOVATION
CENTRE
IIT KANPUR

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Written by:
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TECH की बात

IIT KANPUR

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