MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY GOVERNMENT OF INDIA | विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY | शिक्षा मंत्रालय MINISTRY OF EDUCATION | INDIAai A MEITY INITIATIVE

AI IMPACT SUMMIT भारत 2026 INDIA

सर्वजन हिताय | सर्वजन सुखाय
WELFARE FOR ALL | HAPPINESS OF ALL

भारतीय प्रौद्योगिकी संस्थान रोपड़
Indian Institute of Technology Ropar

100 Startups Days

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IMPACT REPORT 2025

Powering Bharat's AI & Deep-Tech Ecosystem: Insights and Outcomes of 100 Startups 100 Days by IIT Ropar

800+ *startups applications driving innovation and impact across India*

100+ *Days of Transformative Innovation*

Collaborating with ***200+*** *Partners*

100 *Startups, One Nation, Infinite Innovation*

Startups Supported By

DPIIT #startupindia | MeitY Startup Hub

Dr. Pushpendra P. Singh
Dr. Radhika Trikha
Dr. Mukesh Kestwal
Dr. Jennifer Shkabatur
Ms. Maya Sherman

ISBN: 978-93-5592-664-7 | **DoP** 16-12-2025 | www.ihub-awadh.in

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Organisation	*The IIT Ropar Technology and Innovation Foundation (iHub - AWaDH), established under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) by the Ministry of Science and Technology, focuses on deep-tech innovations in agriculture and water.* *With a ₹110 crore grant from the Department of Science & Technology (DST) under NM-ICPS and additional funding from Startup India, MeitY, India AI, DST NIDHI, and corporate giants like Dassault Systemes, HDFC, Puri Oil Mills Ltd., Hub promotes sustainable agriculture through an extensive network of over 200 partners, including the VC community, government bodies, FPOs, and NGOs.* *It supports startups, research, and CPS skill development while being recognized as a leader in agri-tech. To revolutionize agriculture with CPS technologies, iHub - AWaDH is developing an Agri-Tech Consortium Platform*
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Partners	

Indian Institute of Technology Ropar

IIT Ropar - Technology and Innovation Foundation

(DST NM-ICPS Technology Innovation Hub)

Powering Bharat's AI & Deep-Tech Ecosystem: Insights and Outcomes of 100 Startups 100 Days by IIT Ropar

Dr. Mukesh Kestwal **Dr. Pushpendra P.** Singh **Dr. Radhika** Trikha

Ms. Maya Sherman **Dr. Jennifer** Shkabatur

DoP 16-12-2025, www.ihub-awadh.in

Rupnagar - 140001, Punjab (INDIA)

"Artificial intelligence is a tribute to human intellectual power, the power to think enabled humans to make tools and technologies. Today, these tools and technologies have also acquired the power to learn and think."

Shri Narendra Modi
Hon'ble Prime Minister of India

About Indian Institute of Technology Ropar

Indian Institute of Technology Ropar is one of the young generation IITs set up by the Ministry of Education (MoE), Government of India, to expand the reach and enhance the quality of technical education in the country. This institute is committed to providing state-of-the-art technical education in a variety of fields and also to facilitating the transmission of knowledge in keeping with the latest developments in pedagogy. These two areas of focus will enable students to gain exposure to recent trends in their chosen domains of study and gain practical experience through a wide variety of activities the institute facilitates on its campus and arranges for in collaboration with industry and other institutes. At present, the institute offers a Bachelor of Technology (B. Tech.) programme in the following disciplines: Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering.

About 100 Startups 100 Days - Pre Summit event under India AI Impact Summit

The **100 Startups 100 Days** a Pre Summit event under India AI Impact Summit is a national initiative launched by the Indian Institute of Technology Ropar, powered by iHub – AWaDH (a DST-supported Technology Innovation Hub), Annam.ai (Centre of Excellence supported by the Ministry of Education), and the IIT Ropar – Technology Business Incubator Foundation (TBIF). The program identifies and nurtures 100 promising early-stage startups in deep-tech domains such as AgriTech, WaterTech, IoT, and Cyber-Physical Systems (CPS). Leveraging IIT Ropar's strong ecosystem of academic and industry linkages, R&D facilities, funding access, and expert mentorship, the initiative aligns with the vision of Atmanirbhar Bharat and Digital India fostering homegrown innovations with global impact and catalyzing India's transition toward a technology driven economy.

India AI Impact Summit 2026 was announced by the Hon'ble Prime Minister of India, **Shri Narendra Modi,** at the **France AI Action Summit**, will be held on **February 19–20, 2026,** in New Delhi. As the first-ever global Artificial Intelligence summit hosted in the Global South, it represents a defining milestone in advancing India's leadership in technology and innovation. The summit will unite policymakers, industry leaders, researchers, and innovators from across the world to deliberate on the responsible, inclusive, and human-centric deployment of AI, reinforcing India's role as a global hub for innovation and digital transformation.

About Embassy of Israel In India

The Embassy of Israel in India serves as the State of Israel's principal diplomatic mission, working to strengthen and expand the strategic partnership between the two nations. Anchored in shared democratic values and decades of friendship, the Embassy advances cooperation across political, economic, security, cultural, and technological sectors. Based in New Delhi and collaborating closely with the Consulates General in Mumbai and Bengaluru, it **connects Israeli expertise with India's national priorities**, including food security, smart mobility, cybersecurity, digital transformation, and sustainable innovation.

The Embassy also acts as a bridge for commercial collaboration, enabling long-term partnerships among companies, startups, investors, and research institutions from both countries. A core dimension of the Embassy's mission is promoting Israel's global leadership in innovation and fostering bilateral technology cooperation through joint R&D programs, startup accelerators, state-level partnerships, and knowledge exchange initiatives.

About IIT Ropar Technology and Innovation Foundation (iHub - AWaDH)

The IIT Ropar - Technology and Innovation Foundation (iHub - AWaDH) is a national deep-tech hub established under DST's NM-ICPS Mission with an initial support of **₹110 Cr (~$13.2M USD)**. Driving innovation at the intersection of Agritech, Water, and CPS, iHub – AWaDH has mobilized over **₹200 Cr (~$24M USD)** through partnerships with Startup India, NASSCOM, MeitY, HDFC Bank, Dassault Systèmes, and others. With a portfolio of **170+ startups**, **18 Innovation Labs across India**, and partnerships with **200+ academic, industry, and investment institutions**, AWaDH has enabled national programs in **AgriTech, WaterTech, Climate Adaptation, IoT-CPS, and AI for Social Impact**.

About Annam.Ai Foundation

Annam.AI is the Centre of Excellence (CoE) in Digital Agriculture established at IIT Ropar with support from the Ministry of Education, under the **₹990 Cr (~$119 M USD)** national AI-CoE initiative in Agriculture, Healthcare, and Sustainable Cities, of which **₹330 Cr+ (~$40 M USD)** is allocated to IIT Ropar. Annam.AI aims to transform agriculture by harnessing AI and emerging technologies, driving interdisciplinary research, and delivering scalable, sustainable solutions to real-world challenges such as soil health, climate resilience, and agri-efficiency. Through cutting-edge innovation and ecosystem collaboration, Annam.AI is positioning IIT Ropar as a national leader in digital agriculture and contributing to both Bharat's grassroots transformation and global food system resilience.

About Technology Business Incubator Foundation (TBIF)

The IIT Ropar Technology Business Incubator Foundation (TBIF), established in 2016 under the NIDHI-TBI Scheme of the Department of Science and Technology (DST), functions as a Section 8 not-for-profit company dedicated to fostering a strong startup ecosystem in Punjab and beyond. With a **20,000** sq. ft. state-of-the-art incubation facility, TBIF supports startups, MSMEs, entrepreneurs, and ecosystem enablers by providing access to advanced technologies, expert mentorship, strategic funding, and market linkages. To date, TBIF has incubated **62 startups,** facilitated the raising of **₹250 Cr** in external funding, supported **₹50 Cr** in startup valuation, and filed **14 IPs,** including **7 granted patents**. It plays a key role in enabling deep-tech innovation in areas such as manufacturing, artificial intelligence, defense, and healthcare, aligning its mission with the vision of Atma Nirbhar Bharat.

Dr. Jitendra Singh,
Hon'ble Minister of State (I/c),
Ministry of Science and Technology, Government of India

I am proud to extend my sincere congratulations to IIT Ropar on the successful conclusion of the corporate-led **PRAGATI Founders Forum** with **Puri Oil Mills Limited.** This initiative has made a significant impact in advancing the startup ecosystem in the region. It is encouraging to witness the platform's embodiment of innovation, strategic collaboration, and entrepreneurial excellence.

In today's rapidly evolving global landscape, fostering innovation and entrepreneurship is not merely a strategic priority but a fundamental requirement for achieving sustainable regional and national development. The PRAGATI Founders Forum, with its emphasis on technological advancement, investment readiness, and cross-sectoral collaboration, aligns seamlessly with our national vision of building a self-reliant, forward-thinking, and innovation-led Punjab.

The proactive participation of startups, investors, industry leaders, and academic institutions in the Forum is a clear reflection of the vibrancy and growing maturity of our entrepreneurial ecosystem. Such initiatives are instrumental in translating innovative ideas into impactful solutions, particularly through the effective application of science and technology to address real-world challenges.

I commend the outstanding efforts of **IIT Ropar** (iHub - AWaDH) and its ecosystem partners for their dedicated commitment to fostering innovation and supporting emerging ventures. The leadership and coordination demonstrated in executing this initiative are both commendable and exemplary.

As we celebrate the accomplishments of the PRAGATI Founders Forum, it is important to reaffirm our shared commitment to nurturing a robust innovation ecosystem—one that empowers young talent, drives industrial transformation, and contributes meaningfully to the realization of a developed and technologically empowered India.

I extend my best wishes to all participating startups, partners, and organizers. The PRAGATI Founders Forum continues to serve as a vital platform for collaboration, knowledge exchange, and the creation of impactful entrepreneurial solutions that shape the future of Punjab and the nation.

Dr. Jitendra Singh
Hon'ble Minister of State (Independent Charge)
Ministry of Science and Technology, Government of India
PIB: https://www.pib.gov.in/PressReleseDetailm.aspx?PRID=2129446

Public leadership plays a vital role in fostering **India's innovation and entrepreneurship ecosystem,** and we are honoured to have **Smt. Rekha Sharma,** join us at the **SPRINT North Edition** hosted by the Indian Institute of Technology, Ropar at IILM University, Gurugram.

Smt. Rekha Sharma

Hon'ble Member of Parliament (Rajya Sabha)
Former Chairperson of the National Commission for Women(NCW)

Smt. Rekha Sharma
Hon'ble Member of Parliament (Rajya Sabha)
Former Chairperson of the National Commission for Women(NCW)

I am proud to extend my sincere congratulations to the **Indian Institute of Technology Ropar,** on the successful conclusion of the **SPRINT North Edition, Haryana,** under the **100 Startups 100 Days initiative.** This remarkable program has made a significant contribution toward strengthening the startup ecosystem and empowering young innovators in the region.

In today's dynamic global environment, fostering innovation and entrepreneurship is essential to achieving inclusive and sustainable growth. The SPRINT North Edition stands as a testament to India's growing commitment to nurturing talent, promoting collaboration, and translating ideas into impactful solutions that address real-world challenges.

The active participation of startups, investors, industry leaders, and academic institutions in this initiative reflects the vibrancy and maturity of our entrepreneurial ecosystem. By promoting technological advancement, mentorship, and investment readiness, IIT Ropar and its partners are paving the way for a future driven by innovation and opportunity.

I commend the exemplary efforts of IIT Ropar and iHub - AWaDH in their continued dedication to supporting emerging ventures and fostering a culture of creativity and innovation. Their leadership in creating such meaningful platforms for entrepreneurs truly embodies the spirit of Atmanirbhar Bharat.

As we celebrate the success of the SPRINT North Edition, let us reaffirm our shared vision of building a self-reliant, forward-looking, and innovation-led India one that empowers its youth and strengthens the foundations of regional and national development.

I extend my best wishes to all participating startups, partners, and organizers for their continued success and contribution toward shaping India's innovation-driven future.

Smt. Rekha Sharma
Hon'ble Member of Parliament (Rajya Sabha)
Former Chairperson of the National Commission for Women(NCW),
PIB: https://www.pib.gov.in/PressReleseDetailm.aspx?PRID=2129446

Prof. Rajeev Ahuja

Director, IIT Ropar

At IIT Ropar, we believe that innovation is the cornerstone of India's growth story an engine that powers inclusive development, sustainable solutions, and global competitiveness. The **100 Startups 100 Days** initiative stands as a bold testament to this belief, bringing together some of the country's brightest entrepreneurs and innovators to transform ideas into impactful ventures.

Through this national deep-tech mission, we aim to accelerate the next wave of startups driving change across key sectors such as agriculture, water, artificial intelligence, IoT, and cyber-physical systems. It is not just about nurturing startups it is about building a thriving innovation ecosystem that connects research, technology, and enterprise to address India's most pressing challenges.

Our flagship entities iHub AWaDH, a Technology Innovation Hub under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), TBIF and Annam.ai, the Centre of Excellence in AI for Agriculture and Food Systems together exemplify IIT Ropar's vision of creating a future-ready India. From precision farming and water conservation to AI-enabled logistics and data-driven decision-making, these initiatives are empowering innovators to bridge the gap between lab-scale research and large-scale societal impact.

The 100 Startups 100 Days program is a reflection of this spirit uniting government, academia, industry, and investors to identify and nurture the next generation of deep-tech champions. It represents the strength of collaborative innovation, the courage of young founders, and the commitment of our nation to lead in frontier technologies that can redefine livelihoods and sustainability.

As we move forward, IIT Ropar remains deeply committed to fostering a culture of invention and entrepreneurship one that transforms ideas into action, research into enterprise, and innovation into impact. Together, let us build the foundations of a self-reliant, technologically empowered, and sustainable Bharat.

Prof. Rajeev Ahuja
Director, IIT Ropar

Author Bio

Dr Pushpendra P Singh, Dean CAPS and Project Director of iHub-AWaDH, a Technology Innovation Hub established by the Department of Science & Technology (DST) at IIT Ropar under the NM-ICPS Mission & as well for Annam.AI Foundation, a CoE by Ministry of Education with 310Cr+ for AI in Agriculture. He received the Prof. C. V. K. Baba Best PhD Thesis Award in 2008 and an INFN international fellowship at LNL, Italy, in 2009, later worked at GSI, Germany, contributing to LYCCA and AGATA as a technical coordinator for advanced digital signal processing. Since joining IIT Ropar in 2013, he have been part of the NuStAR collaboration at FAIR and actively collaborate with leading global research institutions.

Dr Pushpendra P. Singh
Dean CAPS, IIT Ropar;
Project Director, iHub-AWaDH & ANNAM.AI

Dr. Radhika Trikha is the CEO of IIT Ropar's Technology and Innovation Foundation – AWaDH, established under the NM-ICPS of DST, Government of India. She leads initiatives in deep-tech innovation, entrepreneurship, and skilling with a focus on AI, IoT, industrial automation, and technology solutions for agriculture and water. With a strong policy research background, she contributed to India's 5th National Science, Technology, and Innovation Policy and has held Senior and Postdoctoral Fellowships at IISc Bangalore and Panjab University. A gold medalist with a PhD in Microbial Biotechnology, she also holds an MBA and advanced training in IPRs, science diplomacy, and innovation management.

Dr Radhika Trikha
Chief Executive Officer, IIT Ropar (iHub - AWaDH)

Dr. Mukesh Kestwal is dedicated to advancing India's DeepTech ecosystem by translating research into real-world impact and strengthening academia–industry–policy linkages. He holds a portfolio of 15 IPs and has 300+ research citations, including a paper with 18k+ views. He has facilitated 30+ innovation challenges, delivered 900+ startup-focused sessions through IIT Ropar, Headstart, UPES, AIC EMPI and other orgs, and presented 80+ keynotes at leading platforms. Dr. Kestwal has built 300+ partnerships, secured ₹21 Cr+ through national schemes, and developed AWaDH's ₹2200 Cr+ startup portfolio that have raised ₹120 Cr+ investments. He has contributed to projects worth ₹230 Cr+ and co-founded initiatives such as Startup September, SAMRIDHI, SPRINT, WATER, AVNI, and DISA.

Dr Mukesh Kestwal
Chief Innovation Officer, IIT Ropar (iHub - AWaDH)

With over a decade dedicated to advancing responsible and inclusive AI across Asia, the Americas, Europe, and Africa, she has been inspired by the deep-tech momentum emerging in India. As a senior AI policy researcher, advisor, and lecturer, her work focuses on how technology can strengthen societies and enable equitable growth. In her role as Sr Tech Advisor at the Embassy of Israel in India and as AI Literacy Project Co-lead at GPAI with the OECD, her work ahas actively led to collaboration with governments, industry, and academia to build trustworthy, human-centric AI ecosystems. The 100 Startups 100 Days initiative is seen as a reflection of India's bold vision, and its role in strengthening India–Israel innovation ties is actively supported.

Ms. Maya Sherman
Sr Tech Advisor
Embessay of Israel in India

As someone deeply engaged in strengthening global innovation ecosystems, inspiration has been drawn by Dr. Jennifer Shkabatur from India's deep-tech vision. Her work at the intersection of technology policy and inclusive development has been shaped by the belief that innovation grows through collective progress.
At Reichman University, where the role of Assistant Professor and Vice Dean is held, research is conducted by her on AI governance and digital transformation. Advisory support has been extended by her to global organisations across 30+ countries. The 100 Startups 100 Days initiative is regarded by Dr. Shkabatur as a bold commitment to India's innovation journey.

Dr. Jennifer Shkabatur
Vice Dean at Lauder School of Government
Reichman University, Israel

Leadership & Innovation Highlights

The SAMRIDHI Conclave 2.0, hosted by IIT Ropar on December 2, 2023, was a key platform celebrating innovation, entrepreneurship, and technology-driven growth. Shri Banwarilal Purohit, Hon'ble Governor of Punjab and Administrator, UT Chandigarh, graced the event and emphasized the importance of research-led innovation. Bringing together policymakers, investors, academicians, and startups, the conclave highlighted emerging opportunities and reinforced IIT Ropar's commitment to advancing impactful, technology-led solutions.

SAMRIDHI 2.0 stands as a pioneering initiative in the field of technology and innovation, with a dedicated focus on transforming India's agriculture sector through interdisciplinary collaboration and advanced technological interventions. The program was officially launched by Dr. Jitendra Singh, Hon'ble Minister of State for Science and Technology. His gracious inauguration marks a significant milestone in India's innovation landscape. Dr. Singh's visionary leadership and consistent commitment to strengthening the nation's science, technology, and entrepreneurship ecosystem have been instrumental in propelling India toward global competitiveness.

The Agri-Tech Innovation Hub was inaugurated on 8 July 2025 at Sardar Vallabhbhai Patel University of Agriculture and Technology (SVPUAT), Meerut, marking a major milestone in advancing India's agricultural innovation landscape. Established to serve as a dynamic platform for interdisciplinary collaboration, the Hub aims to integrate research, technology, and entrepreneurship to address real-world challenges in the agriculture and allied sectors.

The inauguration ceremony was graced by Shri Dharmendra Pradhan, Hon'ble Union Minister of Education, Skill Development and Entrepreneurship, who shared his visionary insights on the transformative role of technology and innovation in shaping the future of Indian agriculture. He emphasized the importance of empowering youth, startups, and researchers to build scalable solutions that enhance productivity, sustainability, and rural livelihoods. Shri Pradhan also highlighted the critical need to create synergies between academia, industry, and government to foster an innovation-led agricultural ecosystem.

The event brought together distinguished academicians, innovators, and policymakers, reinforcing a collective vision to strengthen India's agri-tech ecosystem through collaborative efforts and deep-tech integration.

Leadership & Innovation Highlights

The SWACH Accelerator Demo Day, held on 14 February 2025 at FICCI, New Delhi, opened with insightful inaugural addresses from distinguished dignitaries who emphasized the growing importance of innovation-driven approaches to India's WASH (Water, Sanitation, and Hygiene) challenges. Their remarks reinforced the need for collective responsibility and collaboration to advance sustainable, community-focused solutions. The session also featured a special video message from **Prof. Ajay Kumar Sood,** Principal Scientific Adviser to the Government of India, who encouraged innovators to develop transformative WASH technologies for a cleaner and healthier future. His address highlighted the vital role of technology and startups in strengthening India's WASH ecosystem.

iHub – AWaDH at IIT Ropar hosted the PRAGATI Summit 2025 on March 20 under the aegis of Puri Oil Mills Limited and MeitY Startup Hub GENESIS. The summit served as a dynamic platform for deep-tech founders, innovators, and ecosystem leaders. We were honoured to have **Dr. Pradip Kumar Varma,** Member of Parliament, Rajya Sabha and General Secretary, BJP Kisan Morcha Jharkhand, join us virtually and share his perspectives on India's growing deep-tech landscape. In his online address, Dr. Varma emphasized the need to strengthen innovation across IoT, CPS, and emerging technologies. He also announced major funding commitments, with over ₹5.37 crores dedicated to supporting IoT advancements, CPS-driven solutions, women-led startups, and initiatives accelerating India's deep-tech ecosystem.

The PRAGATI Founders Forum 2025, held on May 17, 2025, at the India Habitat Centre, New Delhi, marked a pivotal moment in India's mission to accelerate DeepTech and AgriTech innovation. The forum was graced by the Hon'ble Union Minister of Science and Technology, **Dr. Jitendra Singh,** who attended as the Chief Guest. In his keynote address, Dr. Jitendra Singh commended IIT Ropar for its pioneering initiatives in agriculture and DeepTech domains, highlighting the institution's instrumental role in empowering innovators across India, including those from underserved regions. He emphasized the transformative potential of science, technology, and innovation in shaping the nation's socio-economic development and called for continued collaboration between academia, industry, and government to sustain India's innovation momentum.

Leadership & Innovation Highlights

In the inaugural session of SAMRIDHI 2.0, Mr. Amitabh Nag, CEO of BHASHINI, delivered an insightful and compelling address outlining the division's vision and strategic mission. He provided a clear overview of BHASHINI's role in advancing the Digital India initiative and its commitment to enabling inclusive digital transformation across the country. **Mr. Nag** emphasized the organisation's focus on pioneering impactful, technology-driven projects designed to strengthen India's digital ecosystem. He highlighted the integration of Artificial Intelligence (AI), Machine Learning (ML), Natural Language Processing (NLP), and cloud computing as core enablers propelling BHASHINI toward its ambitious goals.

Prof. Abhay Karandikar, Secretary, Department of Science and Technology (DST), delivered an insightful and thought-provoking address at the PRAGATI Founders Forum, underscoring the transformative power of science and technology in accelerating India's socio-economic progress. He emphasized the need to strengthen connections between research institutions, industry, and emerging startups to ensure that scientific advancements translate into scalable, real-world solutions. Prof. Karandikar highlighted the importance of promoting deep-tech innovation and building structured pathways to support young entrepreneurs, enabling them to contribute meaningfully to India's innovation-driven economy. He reaffirmed the pivotal role of the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) as a catalyst in shaping the country's technological future.

The SPRINT North Edition 2025 was proudly hosted by the IIT Ropar Technology and Innovation Foundation (iHub – AWaDH) at IILM University, Gurugram, serving as a grand celebration of India's DeepTech excellence and a launchpad for the next wave of innovation. Organized under the flagship initiative "100 Startups 100 Days" of IIT Ropar, the program brought together visionary innovators, policymakers, investors, and industry leaders on a unified platform aimed at accelerating India's leadership in DeepTech-driven growth and entrepreneurship.

The event was graced by **Smt. Rekha Sharma,** Hon'ble Member of Parliament (Rajya Sabha) and Former Chairperson, National Commission for Women (NCW), who attended as the Chief Guest. Her presence underscored the growing importance of women's participation and leadership in the innovation and entrepreneurship ecosystem. The edition featured insightful discussions, startup showcases, and collaborative sessions that fostered knowledge exchange and strategic partnerships, reinforcing IIT Ropar's continued commitment to building a strong, inclusive, and future-ready innovation ecosystem.

STARTUP INITIATIVES

Revolutionizing deeptech startup ecosystem

Shri Dharmendra Pradhan, Chief Guest, Agri-Tech Innovation Hub
Hon'ble Union Minister of Education

Dr. Jitendra Singh, Chief Guest, PRAGATI Founders Forum and ATMAN
Hon'ble Union Minister of State (I/c) for Science and Technology

Shri Banwarilal Purohit, Chief Guest, SAMRIDHI 2.0
Former Hon'ble Governor of Punjab and Administrator, UT, Chandigarh

Smt. Rekha Sharma, Guest of Honour, PRAGATI Founders Forum
Hon'ble Member of Parliament (Rajya Sabha) and Former Chairperson of the National Commission for Women

Padma Shri Kanwal Singh Chauhan, Distinguished Guest, PRAGATI Founders Forum
Member of the Governing Body of the Indian Council of Agricultural Research (ICAR), Ministry of Agriculture & Farmers Welfare

Dr. Pradip Kumar Varma, Chief Guest, PRAGATI Summit
Member of Parliament, Rajya Sabha & General Secretary, BJP Kisan Morcha

Shri Keshav Hingonia, Guest of Honour, PRAGATI Summit
IAS, Social Security and Women & Child Development Department

Prof. Abhay Karandikar, Distinguished Guest, PRAGATI Founders Forum
Secretary, Department of Science and Technology, Government of India

SAMRIDHI 1.0
11-12 August 2023
Startups Applied: 310+
Startup Onboarded: 12
Total Investment: 4Cr

SAMRIDHI 2.0
01-02 December 2023
Startups Applied: 430+
Startup Onboarded: 13
Total Investment: 5Cr

SAMRIDHI 3.0
Startups Applied: 100+
Startup Awarded: 17

SAMRIDHI 4.0
Startups Applied: 700+
Startup Onboarded: 14
Total Investment: 3Cr

SWACH
Startups Participants: 100+
Startup Onboarded: 10
Total Investment: 2.5Cr

MEITY GENESIS
Startups Applied: 400+
Startup Onboarded: 06
Total Investment: 0.4 Cr

SMART GIS
(IIT Ropar x IIT Tirupati)
Startups Applied: 130+
Startup Onboarded: 12
Total Investment: 2.5Cr

WATER INNOVATION
Supported by HDFC Bank
Startups Applied: 120+
Startup Onboarded: 5
Total Investment: 0.9Cr

ASAP
(IIT Ropar, Seafund, Factoryal and HDFC Bank Parivartan)
Startups Participants: 110+
Startup Onboarded: 14
Total Investment: 10Cr

HDFC
Supported by HDFC Bank and India AI
Startups Participants: 100+
Startup Onboarded: 04
Total Investment: 0.4 Cr

ATMAN
(IIT Ropar x IIT Bombay x IIT Indore x IIT delhi
Startups Participants: 500+
Experts: 40+
Startup Onboarded: 38
Total Investment: 20Cr

SPRINT (14 EDITIONS)
Startups Participants: 1500+
Startup Pitches: 300+
Startup Onboarded: 93
Total Investment: 3 Cr

Startup India Seed Fund: 5Cr
DST NIDHI SSS: 5Cr
HDFC 1.3 Cr
Puri Oil Mills 0.1 Cr
MeitY GENESIS: 10Cr

IDEATHON
Startups Participants: 1500+
Startup Pitches: 300+
Startup Onboarded: 93
Total Investment: 3 Cr

OPERATION DRONAGIRI
Startups Applied: 800+
Selected Startups: 24

For any communication with our portfolio, to speak related to investment / startups, write to cio@ihub-awadh.in

2023-25

IIT Ropar Accolades

Indian Institute Of Technology Ropar *receives the* ***Agriculture Leadership Award*** *from Agriculture Today Group*

Innovation Program Leadership Award *by Indian Chamber of Food and Agriculture (ICFA) on* ***31 August 2024***

Incubator, Research and Development Award and ***Skill Development & Livelihood Award*** at Social Impact Conference & Awards by The CSR Universe on **13 Sept 2024**

BHARAT Incubator Award by the Entrepreneurs Association of India EAI on **06 Sept 2024**

Best Incubator for significant contribution in Startup and Innovation *by Confederation of Indian Industry on* ***23 August 2024***

Best Incubators, by ***Munjal Birmingham*** *City University Centre of Innovation and Entrepreneurship & Ludhiana Angels on* ***12 April 2025***

Best Stall award in Academia in ***VIVIBHA- 2024*** on 16th November 2024

CEO Insights - Story of an Innovative Leader Redefining ***Startup Ecosystem*** *by CEO Insights*

Biodiversity Conservation Award *at* ***CASCA25*** *by The CSR Universe on* ***24 April 2025***

Dr. Radhika Trikha recongised as ***Women Leader of the 2025*** *by Prime Insights*

IIT Ropar as ***Most Promising Institution*** *in Agritech Domain - 2022 by Business Connect*

Dr. Mukesh Kestwal recognized as the ***Top 10 Innovation Head*** *to Look in 2025 by CEO Insights*

iHub - AWaDH recongised as Top ***Agricultural Water Management*** *Companies in 2025*

IIT Ropar TIF as ***Leveraging Cloud Sustainability - Government***

IIT Ropar iHub - AWaDH is Recognised by ***DSIR*** *as* ***Scientific and Industrial Research Organisation*** *(SIRO)*

Indian Institute of Technology Ropar

Government				Corporate		
110 Cr (~$13.16 M USD)	05 Cr (~$599 K USD)	330 Cr+ (~$39.76 M USD)	10 Cr (~$1141 K USD)	640 Cr (~$16.87 M USD)	28 Cr (~$03.37 M USD)	1.5 Cr (~$154 K USD)
	DPIIT #startupindia	annam.ai	GENESIS	DASSAULT SYSTEMES	syngenta	StartUp in BuildUp | PARIVARTAN

Entrepreneurial Landscape

Revenue & Startups
- **27 Cr+** (~$957.2 K USD) by Hub
- **95 Cr+** (~$7.77 M USD) by Startups

Valuation and Investment
- **2200 Cr+** (~$148 M USD) Valuation
- **0.30 Cr** (~$34.26K USD) Average Ticket Size

Investment of Startups
- **17 Cr+** Internal Investment (84 Startups)
- **110.52 Cr+** External Investment (46 Startups)

Innovation and Skilling Landscape

90+	150+	220+	170+	6000+	483
Tech Supported	Publication & IP	Partner	Startup Supported	Skill Development	CPS Research Base

$1 = ₹83.57 (As of 11th July, 2024)

360 Degree Support
170+ Startups | 220+ Partners

Focus Areas
Deep-Tech sector in Agri Tech, IoT, Water, ICPS, focusing on SDG and **Sustainability**

- **Technology Development**
  - Technology Validation and Due Diligence
  - Support from Prototype to product launch
  - Partnership, Collaboration and Connects
  - Testbed and support in joint technology Development
  - Deployment of Market ready products
- **Startup & Entrepreneurship**
  - Support in exploring Global Market
  - Customized Training & Mentoring
  - Investment and financial support for Startups
  - Support in Tech commercialization
  - Technology enhancement for pre launched Products
- **Human Skilling & CSR Activities**
  - Mentoring Support
  - Technology Development
  - Corporate & Govt. Network
  - Extended Team
  - Lab Infrastructure & R&D Support
- **Collaboration & Partnerships**
  - upto 50 Lakhs Grant/Debt / Equity per startup

Food Processing Industry	Rural Development	Fisheries	Food and Public Distribution	Skill Development & Entrepreneurship
Textiles Industry	Electronic and IT	Fertilizer Industry	Atomic Energy	Niti Aayog

भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

100 Startups Days

Powered by

AWaDH IIT Ropar-TIF | annam.ai | Technology Business Incubator Foundation IIT Ropar

India AI Impact Summit PRE-SUMMIT EVENT

16th December 2025 at IIT Ropar

Our Prominent Partners and Collaborators

BHASHINI | AWaDH IIT Ropar-TIF | annam.ai | Technology Business Incubator Foundation IIT Ropar | ISRO | Reichman University | UPES | CCCT | Krishna Vishwa Vidyapeeth | IIT Tirupati Navavishkar I-Hub Foundation | Canara Bank

ihub-awadh.in/100-startups-100-days | startups@ihub-awadh.in

About India AI Impact Summit

The India AI Impact Summit 2026, announced by the Hon'ble Prime Minister of India, **Shri Narendra Modi,** at the France AI Action Summit, is scheduled to be held on **February 19–20, 2026**, in New Delhi.

As the first-ever global Artificial Intelligence summit hosted in the Global South, the India AI Impact Summit signifies a landmark step in advancing India's leadership within the global technology and innovation landscape. The Summit will convene policymakers, industry leaders, researchers, and innovators from around the world to deliberate on the responsible, inclusive, and human-centric deployment of AI technologies.

The India AI Impact Summit 2026 marks a pivotal moment in the global AI discourse transitioning from aspirations to measurable impact. It envisions a future where the transformative power of AI serves humanity, advances inclusive growth, and drives people-centric innovations that contribute to sustainable development and the protection of our planet. The Seven Chakras the Guiding Principles of the Summit which steer efforts to translate vision into action. These seven domains of cooperation embody shared global principles and drive them toward measurable, impactful outcomes that strengthen international collaboration and collective progress.

Seven Chakras – Themes for Global Cooperation

- Safe & Trusted AI
- HUMAN CAPITAL
- SCIENCE
- RESILIENCE, INNOVATION & EFFICIENCY
- INCLUSION FOR SOCIAL EMPOWERMENT
- DEMOCRATIZING AI RESOURCES
- ECONOMIC GROWTH & SOCIAL GOOD

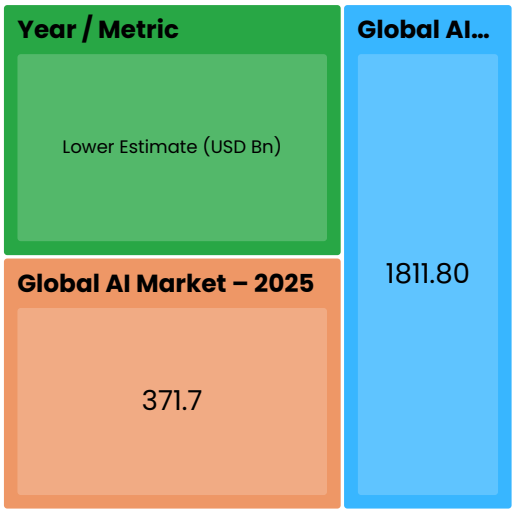
Sutras - Pillars

The Summit is anchored in three Sutras, Pillars: People, Planet and Progress.
Together, they define the principles of inclusive, sustainable, and equitable AI for global good

The Global AI Megatrend

The global AI market is entering a transformative growth phase, rising from under half a trillion dollars in 2025 to more than two trillion dollars by the early 2030s—an almost exponential expansion with annual growth rates above 30%. The comparison chart highlights that while Overall AI and Generative AI dominate in size, AI in Agriculture and Smart Water Management are expanding rapidly, with CAGRs of 20–26% and 12–13% respectively. These sectors may be smaller today, but they are accelerating quickly—signaling AI's shift from a backend efficiency tool to a critical driver of food security, climate resilience, and sustainable water management.

Overlaying this with India's own AI growth story, the picture becomes sharper. India's domestic AI market is expanding rapidly, and a growing share of that capacity is being directed towards priority sectors like agriculture and water. The graphs collectively highlight a clear strategic window: global AI capital and infrastructure are scaling up; sectoral niches like Agri–AI and Smart Water are accelerating; and India is positioning itself as both a laboratory and launchpad for solutions that can work first in Bharat and then for the world. Programs like the IndiaAI & HDFC Bank Parivartan Grant at iHub AWaDH plug directly into this megatrend, ensuring that India's farmers, water managers, and rural innovators are not left watching the AI revolution from the sidelines, but are active co-creators of it.



Market Segment	Estimated 2025 Value (USD Bn)	Projected 2030–2032 Value (USD Bn)	Mid-Point 2025 (USD Bn)	Mid-Point 2030–32 (USD Bn)	Projected CAGR (%)
Overall AI Market	371.7 – 391.0	1,811.8 – 2,407.0	381.4	2,109.40	30.6 – 35.9
Generative AI	43.9 (2023 value)	1,300.0 (by 2032)	–	–	Not specified
AI in Agriculture	1.2 – 5.9	9.3 – 61.3	3.55	35.3	20.2 – 26.3
Smart Water Management	17.5 – 23.7	38.9 – 43.7	20.6	41.3	12.1 – 13.0

Table 1: AI Market Segments – Value & Growth Snapshot

For India, this global megatrend is both a signal and an opportunity. National strategies like AIforAll and the IndiaAI Mission explicitly call out agriculture and allied sectors as priority domains for AI deployment, recognising that food security and water resilience are central to the country's future. Programs such as the IndiaAI & HDFC Bank Parivartan Grant at iHub AWaDH sit exactly at this intersection: they plug Indian agri-water startups into the larger global AI growth curve, ensuring that as the world invests in AI at scale, a meaningful share of that intelligence is directed towards the most fundamental question of all—how we grow food and manage water in a changing climate.

The AI Economy

India's AI Economy: Sector-wise Scale & Everyday Impact

Agriculture & Water

Overview

India's AI story is no longer confined to research labs or IT parks—it is quietly reshaping daily life across sectors. In agriculture and water, AI now supports smarter sowing, pest detection and irrigation decisions for farmers. In finance, it powers fraud detection, instant credit scoring and chatbots behind the country's booming digital payments and fintech ecosystem. Healthcare is using AI for diagnostics, teleconsultation triage and public-health analytics, while education is seeing AI-led personalised learning apps reach students in small towns and villages. In manufacturing and logistics, AI optimises routes, predicts machine failure and improves quality control on shop floors and supply chains. Even governance and urban services from traffic management to welfare targeting—are gradually becoming more data- and AI-informed. Put together, these sector-wise applications show that AI in India is not just about big models and global rankings; it is about thousands of small, everyday decisions becoming a little more efficient, inclusive and intelligent.

Today, AI is steadily moving from research labs into khet, kuan, talab, and machhli farms:

Policy & Vision

National Strategy for Artificial Intelligence (NSAI) – frames AI as "AI for All", with agriculture identified as a core priority sector.

IndiaAI Mission (MeitY) – focuses on compute capacity, datasets, startups, and skilling, creating the backbone needed for AI solutions in rural domains.

Digital & Data Infrastructure

- Digital Agriculture Mission & AgriStack: Building a unified digital framework integrating farmer IDs, land records, crop data, advisories, and financial services—enabling AI-driven, personalised insights.
- GIS & Remote Sensing: Empowering agriculture, water, and environment sectors to monitor crops, water bodies, and land use at scale.

AI in the Khet – Crop & Soil Intelligence on the Farm

On Indian farms, especially in villages where every season matters, AI is slowly turning gut feeling into data-backed decisions. Portable soil-testing kits and AI-based analysers now give instant readings of pH, NPK and organic carbon, helping farmers use the right amount of fertiliser and strengthening the government's Soil Health Card effort in digital form. Drone and satellite imagery analysed by AI can detect water stress, nutrient gaps and pest or disease patches across village fields, allowing site-specific treatment instead of blanket spraying. Under the Digital Agriculture Mission and AgriStack, land records, crop data and advisories are being integrated so that farmers receive field-specific guidance on their phones, while ICAR institutes and KVKs test these AI tools in real village conditions before wider rollout.

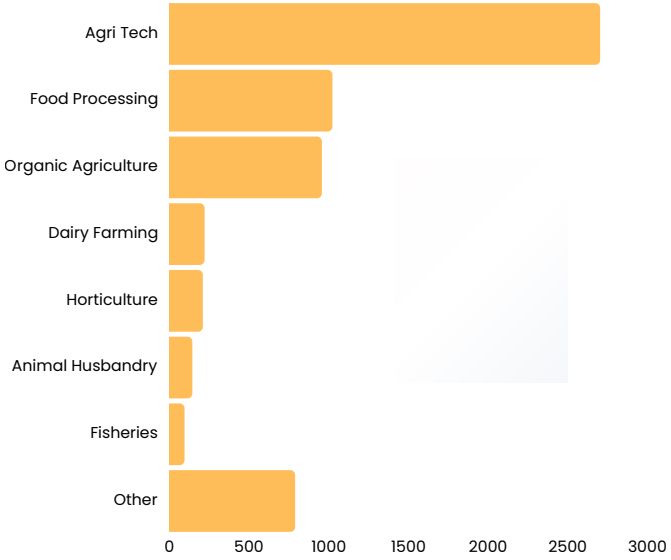
Agriculture with its allied sectors in India and Landscape Across Different Sectors

Agriculture: The Backbone of India's Economy and Livelihood

- Contributing **15-20% to the national GDP**
- **Largest livelihood provider**
- **54.6% of the population** is engaged in agriculture and allied activities
- The world's **largest cattle herd** (buffaloes),
- Largest area planted for **wheat, rice, and cotton**
- Largest producer of **milk, pulses, and spices in the world**
- Second-largest producer of **fruit, vegetables, tea, farmed fish, cotton, sugarcane, wheat, rice, cotton, and sugar.**
- **Second-largest agricultural land** in the world generating employment for about half of the country's population.

Source: Startup India

Figure 11 : Startups by Sector: Agri Tech, Food Processing, Organic Agriculture, and More"



Source: Startup India

The Rise of AgriTech Startups in India: Current Landscape and Future Prospects

The AgriTech sector in India has seen remarkable growth, with 2,703 startups leading the way in innovating the agricultural landscape. Complementing this, the Food Processing industry has spawned 1,023 startups, focusing on adding value to agricultural produce and enhancing supply chain efficiency. Organic Agriculture is another burgeoning field, with 957 startups dedicated to sustainable farming practices. Additionally, specialized sectors such as Dairy Farming, Horticulture, and Animal Husbandry have witnessed the emergence of 221, 210, and 144 startups respectively, each contributing to the diversification and modernization of traditional agricultural practices. Fisheries, with 95 startups, are making strides in sustainable aquatic farming, while 789 other startups are exploring niche areas within the agricultural ecosystem. As the AgriTech landscape evolves, one might wonder: How will these startups continue to drive the transformation of India's agricultural sector? The answer lies in their ability to integrate cutting-edge technologies like precision farming, agri-fintech, and smart supply chains, addressing critical challenges such as climate change, resource management, and food security. Another pertinent question arises: What role will organic agriculture and value-added processing play in meeting consumer demands? These sectors are poised to significantly influence the market by offering healthy, environmentally friendly food products, aligning with global trends towards sustainable consumption.

The 100 Startups 100 Days initiative was officially launched by **Shri Shrikant M. Vaidya**, Former Chairman and Managing Director, Indian Oil Corporation Limited (Chief Guest), **Shri Adil Zainulbhai**, Chairman, Capacity Building Commission and Board of Governors, IIT Ropar, and **Prof. Rajeev Ahuja**, Director, IIT Ropar. The nationwide program engaged **over 500 startup applicants** across sectors including AI, AgriTech, HealthTech, and Social Innovation. From these, 100 high-potential startups were shortlisted based on parameters such as innovation, scalability, and social impact. The initiative successfully onboarded a strong network of ecosystem partners, investors, and mentors to support early-stage founders through structured guidance and access to resources. Multiple regional events, branded as "SPRINT Editions," were conducted across India to showcase startups, evaluate innovations, and recognize excellence.

100 Startups 100 Days | A Journey Shaping India's Startup Future

Under the national initiative **"100 Startups 100 Days"** powered by iHub - AWaDH IIT Ropar, four key events - **SPRINT South, IDEA VIKAS, SPRINT North, and SPRINT Virtual** were organized in 2025 to foster innovation, mentorship, and startup growth across India..

01

SPRINT South Edition

Hyderabad, Telangana | July 25–26, 2025

The 12th edition of SPRINT energized Southern India's startup ecosystem, offering a platform for innovators and student founders to showcase ideas, gain mentorship, and connect with investors.

02

IDEA VIKAS – National Social Innovation Event

A two-day social innovation event held in collaboration with "100 Startups 100 Days," IDEA VIKAS empowered young innovators to design impactful, technology-driven solutions for society.

03

SPRINT North Edition

Gurugram, Haryana | 12 September 2025

The 13th North Edition of SPRINT at IILM University, Gurugram, celebrated India's growing DeepTech ecosystem. Bringing together innovators, entrepreneurs, investors, policymakers, and industry leaders, the event served as a launchpad for transformative ideas.

04

100Startups 100Days

IIT Ropar | 16 December 2025

Indian Institute of Technology, Ropar successfully hosted the 100 Startups 100 Days IndiaAI Impact Pre-Summit Event on 16 December 2025, reaffirming its leadership in strengthening India's deep-tech and AI-driven innovation ecosystem.

The **100 Startups 100 Days** initiative attracted a remarkable **500+** startup applications from across India, demonstrating strong pan-India engagement and reaffirming IIT Ropar's national outreach through iHub – AWaDH in promoting DeepTech innovation. The response reflects the rising entrepreneurial momentum across the country, with Uttar Pradesh leading at **11.8%,** followed by Maharashtra **(9.7%)**, Karnataka **(7.9%),** Punjab **(7.5%),** and Delhi **(7.3%)**. Together, these top five states contributed nearly half of all applications, showcasing the robustness of emerging startup clusters in northern and western India.
Significant participation also came from Gujarat and Rajasthan **(5.5% each),** Tamil Nadu **(5.1%),** and Madhya Pradesh **(4.7%),** along with steady representation from several other states, underlining the initiative's broad national footprint. The program recorded **60%**male-led and **40%**female-led applications, indicating growing inclusivity within India's DeepTech entrepreneurship landscape.

In terms of formalization, **70%** of applicants were registered as Private Limited Companies, highlighting a strong readiness for scale and investment. Meanwhile, **20%** were unregistered early-stage innovators, reflecting a vibrant pipeline preparing to formalize operations. Additionally, **7.5%** of startups operated as LLPs, and **2.4%** as OPCs, demonstrating the initiative's reach across diverse legal and operational structures within India's evolving startup ecosystem. The initiative witnessed strong innovation quality indicators, with **50%** of the applicants being Intellectual Property–driven startups, reflecting a growing focus on proprietary technologies and defensible deep-tech solutions. Moreover, **60%** of the startups were already revenue-making, demonstrating high market readiness and strong commercialization potential within the applicant pool.

500+
Applications Received

200+
Partners Onboarded

100
Days of Transformative Innovation

20+
States

40%
Women Cofounder

70%
Registered as Private Limited Companies

60%
Have MVPs

50%
Have Intellectual Properties

60%
Revenue Making

100+ DeepTech Innovators, Startups, and Institutions Empowered by IIT Ropar under the 100 Startups 100 Days Initiative

A national initiative supported by IndiaAI, MeitY Startup Hub, Startup India, the Embassy of Israel in India, and leading ecosystem partners, and organized by IIT Ropar, iHub–AWaDH, ANNAM.AI, and TBIF

S No.	Contact Person Name (Founder. Co-Founder. CEO. Director)	Startup Name	State	Initiative	Amount in Lakhs
1	Mr. Pramod Suri	Cyran AI Soluation Privated Limited	Delhi	Dronagiri	50
2	Arghya Sharma	Oxbow Intellect Privated Limited	Kolkata	Dronagiri	10
3	Dr Sisir Chandra Jonna	Navariti Innovation Privated Limited	Telangana	Dronagiri	10
4	Mr. Mallesh TM	CultYvate Privated Limited	Karnataka	Dronagiri	50
5	Piyush Jain	Envoler Innovation Private Limited	Delhi	SAMRIDHI	10
6	Jasveer Singh	Waterfall Automation Private Limited	Maharashtra	SAMRIDHI	10
7	Abhishek Mani	Macrocosmos Creations Private Limited	Bangalore	SAMRIDHI	25
8	HARJEET NATH	HN TECHNOVATIONS	Tripura	GENESIS EIR Cohort 2	8
9	Sushant	Frost Basket	Haryana	GENESIS EIR Cohort 2	6
10	Sahil Khan	Spica Agrobots	Punjab	GENESIS EIR Cohort 2	6
11	Krishna Kumar	Picraft Technology Private Limited	Jharkhand	GENESIS EIR 1.0	8
12	Mritunjay Baruah	Innect Technologies Private Limited	Assam	GENESIS EIR 1.0	6
13	Akash Chamola	Skyflock Uaviation Privated Limited	Haryana	GENESIS EIR 1.0	6
14	Sudha Ramesh Karbari	Arkashine Innovations Pvt Ltd	Karnataka	HDFC Parivartan	7
15	Arnab Paul Choudhury	Viksit Labs Foundation	Assam	HDFC Parivartan	4
16	Tushar Shinde	BillionGradients Lab Pvt Ltd	Karnataka	HDFC Parivartan	5
17	Shantanu Bhattacharya	Blu Cocoon Digital Limited	West Bengal	HDFC Parivartan	9
18	Hanish Venkat	Sarvadhara tech innovations Privated Limited	Andhra Pradesh	SPRINT South	2
19	R Dhanunjay Reddy	CropSync Privated Limited	Telangana	SPRINT South	2
20	Snn Nagul Nafeec	Smartfeed+ Privated Limited	Telangana	SPRINT South	2
21	Muchakarla Sri Yagna & Pampana Venkata Sri Nandini	Arthimend Herbals LLP Privated Limited	Andhra Pradesh	SPRINT South	2
22	Sai Chetan & Baddam Narendra	Khetbox Privated Limited	Telangana	SPRINT South	2
23	Gedam Uday Kumar	Veenero Sustainable Solutions Privated Limited	Telangana	SPRINT South	2.5
24	Sangeeta Chil Shetty & Susheel	Agsync Privated Limited	Karnataka	SPRINT South	3
25	Sainath Panyal Reddy	Surakshavata Innovations Privated Limited	Telangana	SPRINT South	3
26	Dr. Adarsh Kodhanda	Aeroforge Labs Privated Limited	Telangana	SPRINT South	3
27	Anurag Singh	Palanam Technology Privated Limited	Delhi	SPRINT North	0.8
28	Dr. Harshit Mishra	Climagro Analytics Privated Limited	Uttar Pradesh	SPRINT North	3
29	Vijay Kailas Vaishampayan	Chematico Technologies Privated Limited	Punjab	SPRINT North	1
30	Neh Jawanpuria	Nehkhilesh Technologies Privated Limited	Odisha	SPRINT North	3
31	Jiyaulhaq	Jiyaxo G Techno Privated Limited	Delhi	SPRINT North	0.8
32	Navneet	Power Research Consulting Privated Limited	Himachal Pradesh	SPRINT North	2
33	Palak Thakral, Aman	Gatisheel Agritech Privated Limited	Haryana	SPRINT North	2.5
34	Manish Sharma	Kibbutz Agrifood Privated Limited	Maharashtra	SPRINT North	2
35	Shubham Choudhary	Speedybyte Services Privated Limited	Punjab	SPRINT North	1
36	Dharkan Anand	ClimaMaTech Privated Limited	Himachal Pradesh	SPRINT North	1
37	Arif Jamal	KrishiGRO (a unit of Uvera Mobility Privated Limited)	Delhi	SPRINT North	2
38	Nitish Sharma	SHIVAPRIYA FARMS Privated Limited	Haryana	SPRINT North	2

S No.	Contact Person Name (Founder. Co-Founder. CEO. Director)	Startup Name	State	Initiative	Amount in Lakhs
39	Piyush Jha	Vasudeva Innovations Private Limited	Maharashtra	100S 100D	4
40	Vinay Kumar Yadav	Visron Privated Limited	Rajasthan	100S 100D	3
41	Shekhar Deepak Borse	Borse Automotive. Privated Limited	Maharashtra	100S 100D	2
42	Sachin Hegdekudgi	Rootsgoods Private Limited	Karnataka	100S 100D	3
43	Christin Joe Reji	HeyFarmer Agrotech Privated Limited	Kerala	100S 100D	2
44	Varun Agrawal	Modern Village Foundation Privated Limited	Madhya Pradesh	100S 100D	4
45	Dr Sanjoy Deb	Techno Wild Privated Limited	Tamil Nadu	100S 100D	2
46	Arpana Kumari	Robofly Technology Privated Limited	Bihar	100S 100D	2
47	Ankush Das	Vyasn P Privated Limited	Andaman & Nicobar Islands	100S 100D	2
48	Dr. Diptikanta Acharya	Veldt Bioscience Privated Limited	Odisha	100S 100D	2
49	Mukesh rai	Pragyanik AI Privated Limited	Madhya Pradesh	100S 100D	2
50	Dr. Meenakshi Sharma	Joita Bioseed AI Privated Limited	Haryana	100S 100D	3
51	ASTHA BAGARIA	Grainiq innovations Privated Limited	Haryana	100S 100D	2
52	Yash Raut	Shastratva Technologies Pvt Ltd.	Maharashtra	100S 100D	3
53	Harsh Chordia	Evoxia Labs India Privated Limited	Tamil Nadu	100S 100D	2
54	Vaibhav Kushwaha	MycoLabs Private limited	Rajasthan	100S 100D	2
55	Shubham Chauhan	Kripsika innovations Pvt Ltd	Himachal Pradesh	100S 100D	3
56	Rajnish kumar	Biro Power Privated Limited	Bihar	100S 100D	2
57	NARESH SAHEBRAO AWCHAR	Jaljeevan Agrotech Privated Limited	AHEMADNAGAR	Ideathon 1.o	2.5
58	Pavan Verma	Vayunotics Technologies Privated Limited	Ahmedabad	Ideathon 1.o	3.5
59	Sunil Rathod	Rudranjali Innovative Agritech (Krushikranti)	Kolhapur	Ideathon 1.o	1.5
60	Atharv Patel	Krashak Innovative Solution Private Limited	Bikaner	Ideathon 1.o	1.5
61	Nitika Sharma	Thapar Institute of Engineering and Technology, Patiala,	Punjab	Ideathon 2.o	4
62	N.Thanuja	Roventa Private Limited	Chennai	Ideathon 2.o	1.5
63	ANURAG	SparkyAI Private Limited	Bangalore	Ideathon 2.o	2
64	Rekha	Prakritik sukoon sampoorn Private Limited	Delhi	Ideathon 2.o	1.5
65	Himanshu Gupta	Renergizr Industries Pvt Ltd	Ghaziabad	Ideathon 2.o	1.5
66	Dr. Siddhartha Khare	Bhoomicam Private Limited	Roorkee	Ideathon 2.o	2
67	Raj Gaurav	Aaravi EngiVentures Private Limited	New Delhi	Ideathon 2.o	1.5
68	Dr Mitchell Prajapati	Government Polytechnic Ahmedabad	Gujrat	Ideathon 2.o	3
69	Dr. Suresh Chavhan	IISER Thiruvananthapuram	Kerala	Ideathon 2.o	5
70	Dr.Minakshi Mainaji Sonawa	G H Raisoni International Skill Tech University Pune	Maharashtra	Ideathon 2.o	4
71	Dr. Chandranath Adak	Indian Institute of Technology Patna	Bihar	Ideathon 2.o	3
72	Haojathang Haokip	Khankho-Lom Producer Company ltd	Manipur	Ideathon 2.o	5
73	Deepak Kumar	Innovation Forge Private Limited	Punjab	Ideathon 2.o	1
74	Dr. Ravi Dutt	Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS)	Haryana	Ideathon 2.o	1
75	Piyush Jain	Envoler Innovations Private Limited	Delhi	Ideathon 2.o	1

S No.	Contact Person Name (Founder. Co-Founder. CEO. Director)	Startup Name	State	Initiative	Amount in Lakhs
76	Dr Uday Bhanu Singh Chan	Acropolis Institute of Technology and Research	Madhya Prade	Ideathon 2.o	1
77	Dr Sanjay Yadav	Livestock Product Technology Lala Lajpat Rai University of Veterinary and Animal Sciences Hisar 125004, Haryana (India)	Haryana	Ideathon 2.o	1
78	Dr Praveen Gupta	Acropolis Institute of Technology and Research, Indore	Madhya Prade	Ideathon 2.o	1
79	Dr.R J Anandhi	New Horizon College of Engineering	Karnataka	Ideathon 2.o	1
80	Dr Rajesh G	New Horizon College of Engineering	Karnataka	Ideathon 2.o	1
81	Dr. Poorna Shankar	Indira college of Engineering and Management	Maharashtra	Ideathon 2.o	1
82	Harsh Sharma	Chandigarh University	Punjab	Ideathon 2.o	1
83	JYOTI GANESH MANTE	DEPARTMENT OF POLYTECHNIC,DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY/OMNUS	Maharashtra	Ideathon 2.o	1
84	Bhausaheb Shinde	Bsvs Farmtech Pvt Ltd	Maharashtra	AWaDH EIR	Fellowship
85	Himanshu Mishra	SaffAU	Punjab	AWaDH EIR	Fellowship
86	Mrityunjay Sah	Bariflo Cybernetics Private Limited	Odisha	Nasscom	Acceleration Support
87	Shashank	Biowall Agrihealth Private Limited	Maharashtra	Nasscom	Acceleration Support
88	Arshdeep Singh Swani	Circlo Biosciences Private Limited	Ludhiana	Nasscom	Acceleration Support
89	Mr. Robin Singh	CLUIX Private Limited	Delhi	Nasscom	Acceleration Support
90	Arun Subramanian & Rishi	EarthFokus Earthwise Private Limited	Tamil Nadu	Nasscom	Acceleration Support
91	T. Sai Krishna	Fishy Farmers Private Limited	Telangana	Nasscom	Acceleration Support
92	Vivin Rana, Aaishi Ashirbad	Leher Sustainable Agri Private Limited	Haryana	Nasscom	Acceleration Support
93	Rehan Ali Pradhan	Matolutions Private Limited	Karnataka	Nasscom	Acceleration Support
94	Dr. Rajul Patkar	Proximal Soilsens Technologies Private Limited	Maharashtra	Nasscom	Acceleration Support
95	Sudip Kumar Sinha	RangerAg Services Private Limited	Uttar Pradesh	Nasscom	Acceleration Support
96	Susheel Chilashetty	Rootskart Agritech Private Limited	Karnataka	Nasscom	Acceleration Support
97	Rajat Vardhan	ScaNxt Scientific Technologies Private Limited	Uttar Pradesh	Nasscom	Acceleration Support
98	Mriganka Saha	Suspack Technologies Private limited	West Bengal	Nasscom	Acceleration Support
99	Sonam Mandani	Sustainable Water Technologies Private Limited	Madhya Prade	Nasscom	Acceleration Support
100	Vinay Kumar Yadav	Visron Private limited	Rajasthan	Nasscom	Acceleration Support
101	Aditya Agrawal	VyomOS Private Limited	Karnataka	Nasscom	Acceleration Support
102	Jogeeswara	ForteAI Technologies Pvt. Ltd	Telangana	IIT Ropar TBIF	Incubated
103	Mayank	Prakti Sustainable Solutions LLP	Delhi	IIT Ropar TBIF	Incubated
104	Prakhar	Nesthome	Mumbai	IIT Ropar TBIF	Incubated
105	Bharat Vohra	Zipzap Toys Pvt. Ltd	Punjab	IIT Ropar TBIF	Incubated
106	Parth Kaushik	Justifying IT Pvt. Ltd	Delhi	IIT Ropar TBIF	Incubated

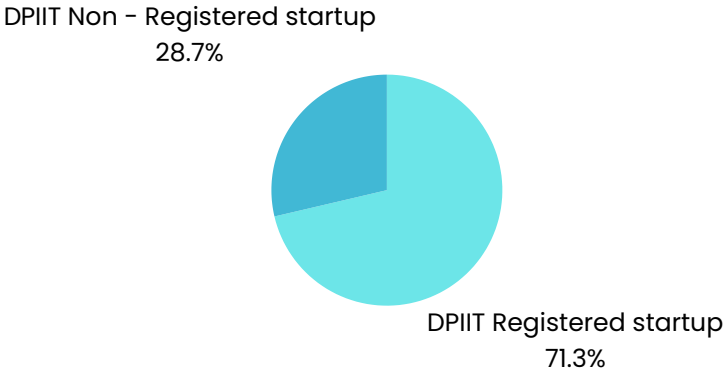
The EIR fellowship under the DST–NMICPS program is awarded at 30% per month for a duration of 10 months, with a structured performance review conducted at the six-month mark. An additional grant of ₹5 lakh is committed under the CHANKYA scheme, subject to performance and approval by the Committee.

DPIIT Recognition Status of Participating Startups

A significant majority of startups participating in the 100 Startups 100 Days initiative were recognized by the Department for Promotion of Industry and Internal Trade (DPIIT), underscoring the growing formalization and credibility within India's startup ecosystem.

Out of the **500+ startup** applications, **71.3%** were DPIIT-registered startups, reflecting strong alignment with national startup policies and access to government-led support mechanisms. The remaining **28.7%** were non-registered startups, highlighting the program's inclusivity in engaging emerging innovators who are yet to obtain formal recognition.

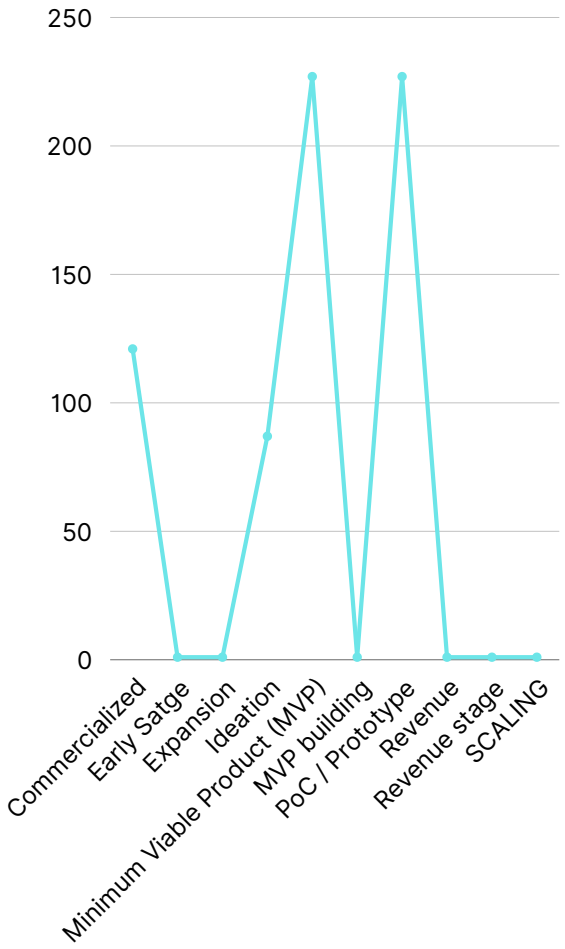
This balanced participation demonstrates the initiative's commitment to empowering both established and early-stage ventures bridging the gap between policy recognized startups and new entrants in India's expanding DeepTech innovation landscape.



Stage of your Startup

The participating startups in the 100 Startups 100 Days initiative represented diverse stages of entrepreneurial maturity, reflecting a balanced mix of early innovation and scaling potential. The data highlights the evolving startup ecosystem driven by iHub – AWaDH IIT Ropar.

- **Commercialized Stage**: Around **120 startups** had already commercialized their products or services, showcasing strong market validation and business readiness.
- **Early Stage**: A smaller segment was in the early-stage phase, exploring market entry and product refinement.
- **Expansion Stage**: Few startups had progressed to expansion, focusing on scaling operations and market outreach.
- **Ideation Stage**: Nearly 110 startups were at the ideation level, developing problem statements and conceptualizing innovative solutions.
- **Minimum Viable Product (MVP)**: Approximately 230 startups were engaged in building MVPs, marking the largest share of participation.
- **PoC / Prototype:** Another **230 startups** were actively working on proof-of-concept or prototype development, indicating strong innovation activity.
- **Revenue Stage / Scaling:** A minimal number of startups had reached the revenue and scaling stages, representing the emerging yet promising pipeline for future growth.



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

AI IMPACT SUMMIT भारत 2026 INDIA
सर्वजन हिताय | सर्वजन सुखाय
WELFARE FOR ALL | HAPPINESS OF ALL

100 Startups Days
Powered by AWaDH IIT Ropar-TIF | annam.ai

India AI Impact PRE-SUMMIT EVENT

Patron

Prof. Rajeev Ahuja

Director, IIT Ropar

Chief Guest

Mr. Fares Saeb

Minister Plenipotentiary, Embassy of Israel in India

Guest of Honor

Dr. Jaekyeong Lee

Director, Korea SMEs & Startups Agency (Kosme)

Mr. Somveer Anand

CEO & Mission Director, Innovation Mission Punjab

Dr. Roshan Srivastav

Associate Professor, IIT Tirupati & Project Director, IIT Tirupati Navavishkar, I-Hub Foundation

Mr. Satyendra Singh,

Chief Executive Officer, IISER Mohali TBI

Dr. Pushpendra P Singh

Dean CAPS, IIT Ropar
Project Director (iHub - AWaDH & Annam.ai)

Mr. Ankur Gupta

Investor and EdTech Committee Member, SucSEED Ventures

Mr. Shashank Randev

Founder & General Partner 247VC

Ms. Maya Sherman

Sr Tech Advisor Embessay of Israel in India

Mr. Rajesh Ranjan

Designated Partner, O2 Angels

Mr. Kartikey Manan

Innovation Engagement Manage, Link Innovations

Dr. Radhika Trikha

Chief Executive Officer
iHub - AWaDH

Dr. Mukesh Kestwal

Chief Innovation Officer
iHub - AWaDH

Mr. Aditya Madan

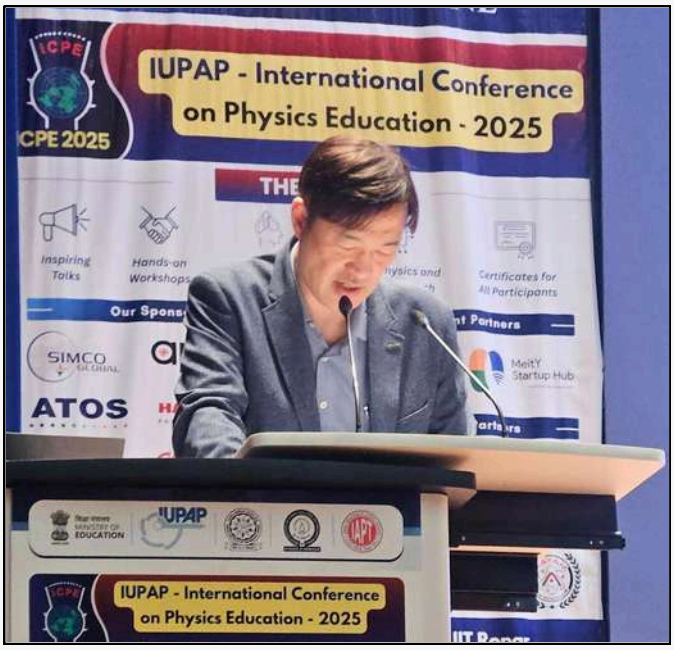
Chief Liaison Officer
iHub - AWaDH

Our Prominent Partners and Collaborators

BHASHINI | AWaDH IIT Ropar-TIF | annam.ai | Reichman University | UPES | CCCT | Krishna Vishwa Vidyapeeth | IIT Tirupati Navavishkar I-Hub Foundation | Canara Bank

16 December, 2025 | 02:30pm - 05:00pm | IIT Ropar

Inaugural Panel



Inauguration Session

The IndiaAI Pre-Impact Summit Event was inaugurated in the presence of a distinguished assembly of eminent dignitaries, policymakers, and ecosystem leaders, whose participation set a strong and inspiring tone for an engaging and impactful programme. The inaugural session was graced by **Dr. Jaekyeong Lee,** Director, Korea SMEs and Startups Agency (KOSME), reflecting the summit's growing international engagement and collaborative outlook.

The occasion was further enriched by the presence of **Mr. Manish Gupta** and **Mr. Somveer Anand,** whose leadership and insights highlighted the importance of cross-sector collaboration, innovation-led entrepreneurship, and global partnerships in advancing India's AI and deep-tech startup ecosystem.

Dr. Radhika Trikha and **Dr. Mukesh Kestwal** introduced iHub–AWaDH, presenting a comprehensive overview of its vision, mission, and strategic role in strengthening India's AI and deep-tech innovation ecosystem. Their address set a strong and purposeful tone for the summit, underscoring iHub–AWaDH's commitment to enabling cutting-edge research, nurturing entrepreneurship, and fostering meaningful industry–academia–government collaboration. The session culminated in the formal inauguration of the summit, marking the commencement of focused deliberations and knowledge exchange.

Panel Discussions

Bridging Nations Through AI: Scaling AI Innovations for Public Good

Panel Discussion: Bridging Nations Through AI: Scaling AI Innovations for Public Good

The IndiaAI Impact Pre-Summit Event, a thought-provoking panel discussion on Bridging Nations Through AI: Scaling AI Innovations for Public Good brought together distinguished leaders from government, industry, academia, investment, and the startup ecosystem. The session focused on the transformative potential of artificial intelligence in addressing large-scale societal challenges and fostering international collaboration.

Mr. Rajesh Ranjan – Designated Partner, O2 Angels
Shared investor perspectives on funding AI-led startups, emphasizing the importance of scalable business models, strong governance, and impact-driven innovation for public good.

Mr. Satyendra Singh – Chief Executive Officer, IISER Mohali TBI (Moderator)
Steered the discussion by highlighting the role of incubators and academic institutions in translating research into deployable AI solutions and fostering startup–industry–government collaboration.

Mr. Ankur Gupta – Investor and EdTech Committee Member, SucSEED Ventures
Discussed investment trends in AI and EdTech, underlining the need for market-ready solutions, founder resilience, and responsible AI adoption to drive long-term value.

Mr. Shashank Randev – Founder & General Partner, 247VC
Provided insights on early-stage and growth-stage funding for deep-tech startups, stressing the importance of global scalability, strong IP creation, and cross-border partnerships.

Mr. Kartikey Manan – Innovation Engagement Manager, Link Innovations
Highlighted innovation engagement frameworks and the role of industry linkages in accelerating AI commercialization and enabling startups to access global innovation networks.

Panelists emphasized the importance of collaborative frameworks involving government support, industry expertise, academic research, and venture capital to accelerate AI-driven impact. The session underscored how strategic partnerships and global knowledge exchange can help scale AI innovations beyond borders, positioning India as a key contributor to the global AI ecosystem while ensuring technology remains inclusive, ethical, and socially impactful.

Impact Report Launch and Strategic Program Announcements

*The initiative titled "**Powering Bharat's AI & Deep-Tech Ecosystem: Insights and Outcomes of 100 Startups 100 Days**" was launched under the IndiaAI Pre-Summit event by **Prof. Ajay Sood,** Office of the Principal Scientific Adviser to the Government of India. The launch marked a significant milestone in India's journey toward becoming a global leader in AI and deep-tech innovation, reinforcing the nation's commitment to innovation-led economic growth, startup enablement, and technology commercialization.*

The event also marked the launch of the following initiatives:

- ***Global Micro-Accelerator for DeepTech Startups**, launched in partnership with the Embassy of Israel in India and Reichman University.*
- ***AI-Led Supply Chain Programs**, launched in collaboration with the Munjal BCU Centre of Innovation & Entrepreneurship.*
- ***AI for Production & Operations Management Programs,** aimed at advancing applied AI adoption in industrial operations.*

100+ Awardees under 100 Startups 100 Days

At the event, the 100 Startups 100 Days initiative celebrated over 100 awardee startups, with ***₹3.71*** *crore invested across* ***83 startups*** *through grants and seed funding. The initiative highlighted innovations across key domains and programs, including Artificial Intelligence (AI), AgriTech, WaterTech, Internet of Things (IoT), Cyber-Physical Systems (CPS), as well as flagship initiatives such as Dronagiri, GENESIS, 100 Startups 100 Days, Ideathon 2.0, and the EIR (Entrepreneur-in-Residence) program. These efforts collectively underscore the initiative's commitment to fostering deep-tech innovation, supporting early-stage startups, and building a robust, impact-driven entrepreneurship ecosystem in India. By showcasing these early-stage startups and their solutions, the event underscored the initiative's role in strengthening India's deep-tech ecosystem, fostering entrepreneurship, and promoting scalable, impact-driven technologies across industries and society.*

Vasudeva Innovations Private Limited

At Vasudeva Innovations, we are on a mission to transform how industries manage wastewater. Cutting-edge BioElectro Cell (BEC) technology not only treats industrial effluents effectively but also generates renewable energy like electricity and green hydrogen as a byproduct. They are committed to delivering sustainable, scalable, and cost-effective solutions that empower industries to achieve Zero Liquid Discharge (ZLD) and contribute to a cleaner, greener future. Driven by innovation and a passion for environmental stewardship, building a future where industrial growth and environmental sustainability coexist for a more sustainable, greener, and healthier planet for our future generations.

Core Technology
BioElectro Cell technology

Brand Name
Vasudeva Innovation

Year of Start
2023

Industry / Sector
WaterTech

Invested by AWaDH
Yes

IPs Filed :
Trademark

Grants
4,00,000

Investment Instrument
Grant

Visron Privated Limited

Visron has developed the world's first close cathode, liquid-cooled hydrogen fuel cell-powered logistics drone designed for high-altitude, long-range operations. With significantly higher energy efficiency, up to 4× flight time, and zero carbon emissions, our drone can carry up to 20 kg payloads over rugged terrains, addressing military, disaster relief, and remote supply chain challenges with unmatched reliability and sustainability. India's first hydrogen-fuel logistic drone designed for defense and high-altitude missions. The presentation begins by highlighting the limitations of traditional battery-powered drones, such as extremely short flight times, high battery costs, carbon emissions, and their unsuitability for long-range, heavy-payload operations.

Core Technology
AI technology

Brand Name
Visron

Year of Start
2021

Industry / Sector
IoT / Deep-Tech / Hardware

Invested by AWaDH
Yes

IPs Filed :
Trademark

Grants
3,00,000

Investment Instrument
Grant

Borse Automotive. Pvt. Ltd

Borse Automotive Pvt. Ltd. Provides Advanced Automotive solution which can perform the tasks such as plowing, sowing & harvesting and are useful for operations that require heavy machinery. Where as automotive vehicle will help farmers in his all activities related to agriculture/transportation . It is a totally automated solution which can do multiple farming activities with multiple modular attachment, which results in higher production at low cost. Farmer can access this solution any time in every climatic condition with assurance, whereas the electricity as a source of power they are giving a sustainable solution for sustainable future.

Core Technology
AI and Machine Learning

Brand Name
Borse Automotive

Year of Start
2022

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,00,000

Investment Instrument
Grant

Rootsgoods Private Limited

www.rootsgoods.com

RootsGoods is an AI-based deep tech, quality access and market intervention company for post-harvest. Our Startup is both customer and product-oriented. It's customer-oriented because we take quality crops directly from the farmers and sell them to wholesale buyers/ retailers through our SaaS platform with no (zero) registration fee. It's also product-oriented because we collect the pictures of the harvest crop with latitude and longitude of the farm and analyze it. Further to inform farmers and wholesale about the benchmark quality with market insights.

Core Technology
AI-driven mobile platform

Brand Name
Rootsgoods

Year of Start
2017

Industry / Sector
Agritech

Invested by AWaDH
Yes

Registered Farmers
45,0000+

IPs Filed :
Field

Grants
3,00,000

Active Farm
40,0000+

HeyFarmer Agrotech Pvt. Ltd.

Hey Farmer is pioneering a revolution, transforming the essence of urban landscapes into thriving hubs of sustainability and greenery, akin to a self-sustaining ecosystem within concrete confines. Our journey at HeyFarmer began with a simple yet profound vision: to intertwine the advancements of technology with the timeless art of farming, creating a symbiotic relationship between urban life and agriculture, akin to a natural ecosystem where every element supports another. Our vertical farming solutions are not just about cultivating produce; they're about cultivating hope for a sustainable future. Through innovative IoT and cloud-based technologies, we bring the farm to the urban dweller's doorstep, making the dream of farm-to-fork a tangible reality in the concrete jungle. Our farms are more than just plots of land; they are beacons of sustainability, showcasing the potential of underutilized urban spaces to give back to the earth and its people.

Core Technology
IoT technology

Brand Name
HeyFarmer

Year of Start
2024

Industry / Sector
Agritech

Invested by AWaDH
Yes

Grants
2,00,000

Investment Instrument
Grant

Modern Village Foundation Pvt. Ltd

www.modernvillagefoundation.com

The Modern Village Foundation (MVF) is a non-profit organization established in 2024 by a team of military veterans, agronomists, and entrepreneurs with a shared vision—to unlock the vast potential of rural India through innovative technology solutions. To bridge the technological gap in rural areas by setting up Smart Village Centre (SVCs) and delivering technology-driven solutions tailored to the needs of the community. We believe that by combining traditional farming expertise with modern technology, we can create a more sustainable and profitable agricultural ecosystem that benefits farmers, consumers, and our planet.

Core Technology
IoT + satellite/VRA intelligence

Brand Name
Modern Village /foundation

Year of Start
2024

Industry / Sector
Agritech

Invested by AWaDH
Yes

Live Impact
10000+

Grants
4,00,000

Investment Instrument
Grant

Farmers
1000+

Techno Wild Pvt. Ltd

www.technowildindia.com

Techno Wild, a company specializing in wildlife and nature conservation technology in India. Develops and commercializes technology for wildlife and nature conservation. Creates products to protect crops from wild animals, such as alert systems, cracker devices, and laser fences. Since 2012, taken considerable research interest in designing low cost indigenous native technologies for wildlife and nature conservation. In research and development effort, they have got enthusiastic support from faculties, students, scientists, govt. forest officials, their college management and leading conservationists and ecologists across India as well as from overseas.

Core Technology
AI-based Ground Surface Wave Pattern

Brand Name
Techno Wild

Year of Start
2012

Industry / Sector
Agritech

Invested by AWaDH
Yes

Grants
2,00,000

Investment Instrument
Grant

Robofly Technology Pvt. Ltd

www.roboflytech.com

Robofly Technology is dedicated to revolutionizing various industries with innovative drone solutions. Our mission is to design and manufacture state-of-the-art drones that enhance safety, efficiency, and effectiveness across multiple applications. We specialize in both firefighting and surveillance drones, constantly exploring new ways to deploy our technology to meet diverse needs. Our firefighting drones are engineered to provide advanced tools for tackling fires, ensuring the safety and efficiency of firefighting operations in the most challenging environments. Our surveillance drones offer real-time data and precision, supporting a range of activities from security to environmental monitoring.

Core Technology
AI-powered autonomous drone

Brand Name
Robofly

Year of Start
2022

Industry / Sector
Agritech

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,00,000

Investment Instrument
Grant

Vyasn Pvt. Ltd

Vyasn is building an AI-powered autonomous seaweed farming solution using advanced IoT sensors, computer vision, and machine learning for coastal farmers and fishermen. The system continuously monitors sea parameters such as pH, salinity, and temperature, detects potential threats to farm health, and sends real-time alerts to farmers. Currently, there are over 40,000 active coastal farmers in India, with an estimated 6,000 families able to adopt this technology immediately. As India's blue economy expands, the number of coastal farmers engaging in seaweed cultivation will grow, creating a large and sustainable market for Vyasn's innovative and socially impactful solution.

Core Technology
AI-powered seaweed farming

Brand Name
Vyasn

Year of Start
2022

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,00,000

Investment Instrument
Grant

Veldt Bioscience Pvt. Ltd.

Veldt Bioscience Pvt. Ltd.'s Solar-Powered Mushroom ATM, an innovative solution designed to eliminate the challenges of mushroom spoilage, farmer income loss, and lack of cold-chain access. The deck begins by establishing the core problem: mushrooms perish within 24–48 hours without refrigeration, and small farmers across India face unreliable cold storage, transportation limitations, and rural power shortages. The product's USP integrates renewable energy, cold storage, IoT monitoring, digital payments, and tamper-proof vending, validated through prototype testing and favorable farmer and consumer surveys. Competitive analysis shows that no existing solar-powered, produce-specific vending alternative exists in India. The revenue model combines unit sales, leasing, mushroom retail, IoT subscriptions, and payment commissions.

Core Technology
Solar-Powered

Brand Name
Veldt Bioscience

Year of Start
2024

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
field

Grants
2,00,000

Investment Instrument
Grant

Joita Bioseed AI Pvt. Ltd.

www.joitabioseedai.com

JOITA BIOSEED AI

JOITA BIOSEED AI integrates cutting-edge AI agriculture solutions with smart farming technology to revolutionize Indian agriculture. Our comprehensive platform combines agricultural AI software, advanced bio pesticides, and precision agriculture AI. Through digital farming solutions and agricultural automation, we deliver sustainable agricultural tech that transforms modern farming. Utilizing nano bio pesticides and advanced seed coating technology, our integrated pest management solutions deliver sustainable pest control with organic crop protection principles, ensuring agricultural safety standards. AI software powers precision agriculture through computer vision farming and AI yield optimization. Our smart pest detection systems and predictive farming analytics provide real-time insights for optimal crop management.

Core Technology
AI/ML optimizes nanoparticle synthesis

Brand Name
Joita Bioseed

Year of Start
2025

Industry / Sector
Agritech

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
3,00,000

Investment Instrument
Grant

Pragyanik AI Pvt. Ltd

www.pragyanikai.com

PRAGYANIK AI Pvt. Ltd.

Pragyanik AI Pvt. Ltd. is an AgriTech startup from Indore developing AI & IoT-powered precision farming solutions. Our products like GNSS land levelers, auto-steering kits, and multifunctional farm robots help farmers save water, fuel, and labor while increasing crop yields. With affordable ownership and rental models, we make modern farming accessible to small and marginal farmers across India. Recognized under Startup India & MSME, and supported by leading incubators, Pragyanik AI is committed to transforming Indian agriculture with smart, sustainable, and farmer-friendly innovations.

Core Technology
AI, GNSS, and IoT

Brand Name
Pragyanik AI

Year of Start
2025

Industry / Sector
Agritech

Invested by AWaDH
Yes

CM Accuracy
1.14

IPs Filed :
Field

Grants
3,00,000

Water Saved
30%

Grainiq innovations Pvt. Ltd

Grainiq Innovations Private Limited is a newly incorporated Indian company focused on the manufacture of food products, specifically developing AI-powered tools for grain quality assessment. GRAMS (Grain Analysis and Management System) is an AI powered platform that delivers instant, accurate grain quality analysis with tamper-proof digital records with blockchain integration for traceability. It enables fair pricing, reduces wastage, and ensures transparency & traceability across India's agricultural supply chain. NIR based grain quality assessment equipment that combines AI and IoT to deliver rapid, cost-effective high quality COMPOSITION assessment of grains. Designed for on filed use, it's compact, scalable and easy to deploy.

Core Technology
AI + IoT–powered grain quality analysis

Brand Name
Grainiq

Year of Start
2025

Industry / Sector
Agritech

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed :
field

Grants
2,00,000

Investment Instrument
Grant

HATS (Harvesting and Transportation Software Solutions)

We propose HATS (Harvesting and Transportation Software Solutions)—a mobile-first, AI-enabled ERP platform designed to streamline sugarcane harvesting and transportation operations. HATS connects all stakeholders—farmers, mukadams, harvesters, transporters, and mill administrators —on a single real-time platform. It offers features such as smart scheduling, farm mapping, fleet tracking, task delegation, and digital documentation. The solution works even in low-connectivity areas through offline sync and supports local languages for ease of use. By digitizing this manual and unorganized segment, HATS reduces delays, lowers costs, improves transparency, and enhances operational efficiency across the agri-supply chain.

Core Technology
AI-enabled ERP platform

Brand Name
HATS

Year of Start
2025

Industry / Sector
IoT / Deep-Tech / Hardware Tech / Tech Focused

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
3,00,000

Investment Instrument
Grant

Evoxia Labs India Pvt. Ltd

Evoxia is a clean-tech sustainability company dedicated to solving India's dual crisis of agricultural waste pollution and industrial import dependency. We have developed a "full valorization" biorefinery platform that transforms surplus paddy straw - a major source of air pollution - into a portfolio of high-value, green specialty chemicals. Our technology provides industries like paints, coatings, food, and adhesives with sustainable, cost-effective, and domestically produced alternatives to expensive, fossil-fuel-based imports. Our mission is to build a circular bio-economy that benefits farmers, industry, and the environment. Evoxia leverages its cutting-edge Biorefinery platform to transform agricultural residue into a diverse portfolio of high-value specialty chemicals. Our products offer a direct, sustainable, and economically superior alternative to imported petrochemicals across multiple industries.

Core Technology
Biorefinery

Brand Name
Evoxia

Year of Start
2024

Industry / Sector
Water Management & Technology

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,00,000

Investment Instrument
Grant

MycoLabs Private limited

Mycolabs Private Limited, where nature meets innovation. We're pioneering the future of materials with our mycelium-based creations. Rooted in biotechnology and driven by research and development, we transform agricultural byproducts into sustainable, biodegradable leather alternatives. Explore eco-friendly possibilities for fashion, interiors, packaging and beyond, with materials that are as kind to the planet as they are beautiful. The leather industry poses serious environmental and ethical challenges. Over 1 billion animals are slaughtered annually, and leather production consumes up to 25,000 liters of water per ton of hide, while releasing toxic chemicals into soil and water. Conventional faux leather uses PU or PVC plastics, which are non-biodegradable and release harmful microplastics into ecosystems. Additionally, India burns 92 million tons of crop stubble annually, contributing to 40% of seasonal air pollution, yet this waste remains underutilized. The market lacks a scalable, sustainable, and cruelty-free alternative that addresses animal welfare, plastic pollution, water overuse, chemical waste, and crop stubble burning.

Core Technology
Mycelium

Brand Name
Mycolabs

Year of Start
2025

Industry / Sector
Biotech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,00,000

Investment Instrument
Grant

Kripsika innovations Pvt Ltd

www.kripsika.com

Kripsika innovations Pvt Ltd, Anti Hail Gun System, Pulse Detonation engine, Agri Tech Solution for Statement horticulture department and for farmers. offer innovative and practical solutions across both agricultural and non-agricultural sectors. Design and development of advanced agricultural tools, such as LPG-based anti-hail gun systems for crop protection. Technical maintenance and field support. Research and consultancy services for technology deployment in rural and remote areas. Engaged in research-driven projects in the environmental and industrial sectors, focusing on practical innovations that blend engineering with sustainability. Each project reflects our commitment to solving local problems with scalable, affordable technologies.

Core Technology
AgroShield

Brand Name
Kripsika Innovation

Year of Start
2022

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
3,00,000

Investment Instrument
Grant

Biro Power Pvt. Ltd

Biro Power Pvt Ltd is a Patna-based Indian company founded in 2021 by Rajnish Kumar and Maya Ramsamugh Varma. The company focuses on green energy solutions for e-mobility and e-agriculture, developing products like battery-operated harvesters for small farmers. Their mission is to provide eco-friendly technology to reduce emissions and transform rural livelihoods in India. startup that contributes to a greener India by reducing emissions. They manufacture e-vehicles, catering to various commercial needs. Additionally, they manufacture and swap networks for lithium phosphate/titanate batteries and different types of electrical vehicle batteries

Core Technology
ElectroMobility

Brand Name
Biro Power

Year of Start
2021

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,00,000

Investment Instrument
Grant

विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF SCIENCE & TECHNOLOGY | AWaDH IIT Ropar-TIF | Manthan | BHASHINI | SAMRIDHI CONCLAVE

भारतीय प्रौद्योगिकी संस्थान रोपड़

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

DST NM-ICPS Technology Innovation Hub (iHub - AWaDH)

iDEATHON

Students
Faculties
Startups

Empowering Innovation and Inclusion

Awards & Grants upto 10 Lakhs

Theme 1

Research Innovation Launchpad

(For Student / Researchers / Faculties / Startup)

Theme 2

CPS Ignition: Empowering Labs for Tomorrow

(For Exisiting CPS Labs or state/ central govt funded Labs)

CONNECT
CREATE
COLLABORATE

Students / Researchers

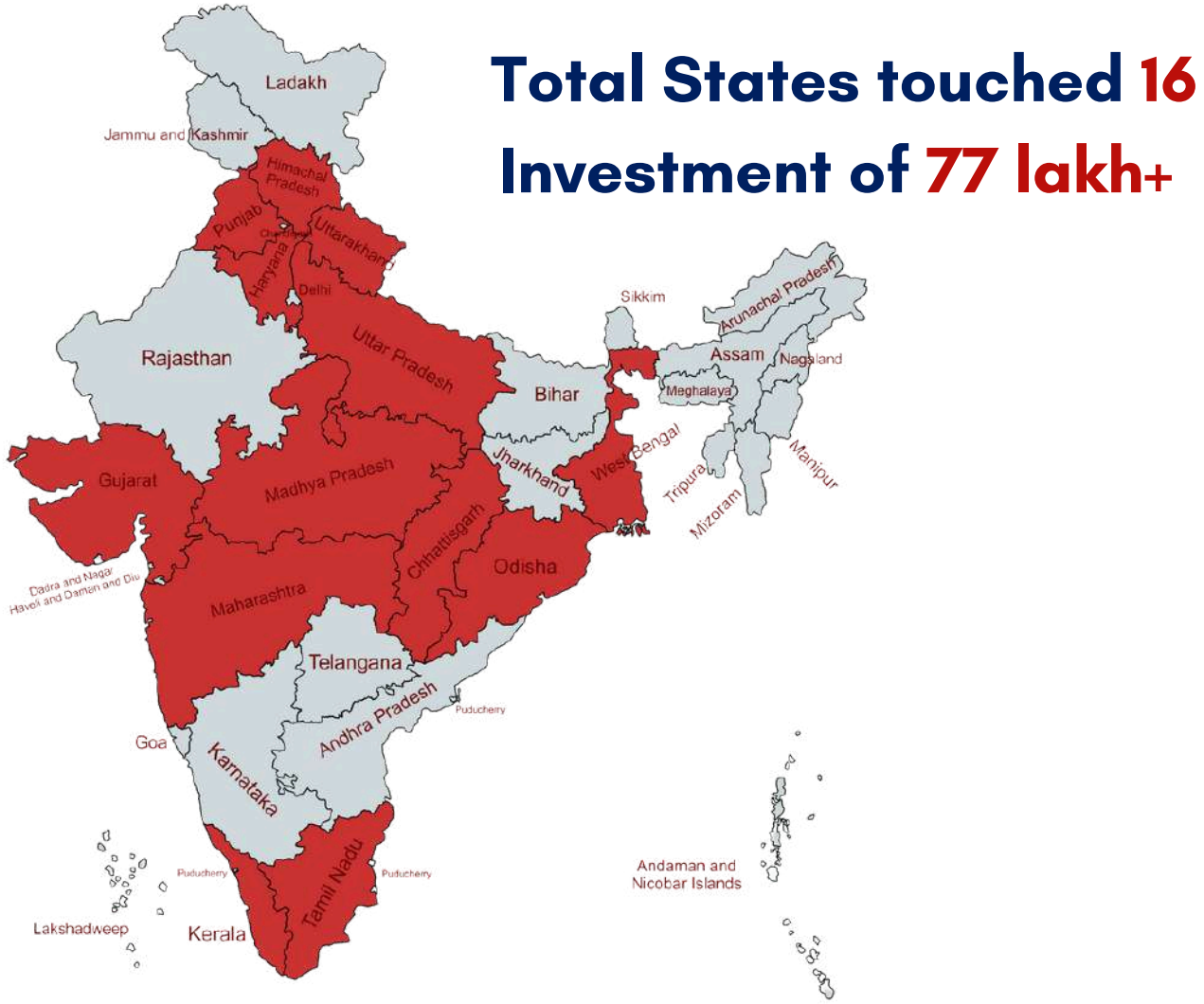
Faculties / Startups

About Ideathon

The Ideathon Initiative is a national-level program envisioned to foster inclusive innovation, interdisciplinary collaboration, and entrepreneurial thinking among India's emerging innovators. Designed to create equal opportunities across diverse communities, the Ideathon places a strong emphasis on inclusivity, ensuring **70% participation** from the Scheduled Caste (SC) category and **30%** from the General (Unreserved) category in every track.

With a total budget allocation of **₹50 Lakh,** the Ideathon is structured to support the planning, outreach, and execution of a comprehensive innovation-driven event. It aims to bring together a dynamic group of Startups, Faculty Members, Students, and Researchers, offering them a common platform to ideate, collaborate, and transform ideas into implementable solutions addressing real-world challenges.

The program made a remarkable impact across the country, reaching 16 states and fostering innovation at the grassroots level. With an investment of over ₹77 lakh, it attracted an overwhelming response, receiving **132 applications** from aspiring innovators and entrepreneurs. This initiative not only identified promising solutions but also strengthened the innovation ecosystem by transforming ideas into impactful ventures.



Glimpses of the Ideathon Projects

The project "**Autonomous Agriculture Field Mobile Robot Navigation**" from Dr. B. R. Ambedkar NIT Jalandhar has been recognized among the top 5 R&D projects under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), funded by the Department of Science and Technology (DST), Government of India.

Led by Dr. Afzal Sikander (PI) with co-investigators Prof. Kuldeep S. Nagla and Dr. Karan Jain, the project integrates GIS data, IoT sensors, and AI to deliver real-time insights for precision agriculture. By analyzing parameters such as NDVI, rainfall, soil type, NPK levels, and moisture, the system offers recommendations on crop selection, planting schedules, and resource optimization. AI-driven image analysis enables early detection of crop diseases, enhancing productivity and reducing losses.

Chitkara University's project "**AI-Smart Farming using IoT and GIS**", has been selected among the top four projects nationally and received funding support from IIT Ropar. Recognized for its innovative approach to precision agriculture, the project leverages GIS data (NDVI, rainfall, soil type, and water availability) and IoT sensors (NPK, moisture, temperature) to deliver real-time, data-driven recommendations. These insights guide crop selection, planting schedules, and efficient irrigation/fertilization practices. The award was presented to Dr. Rajneesh Talwar and Dr. Manvinder Sharma in the esteemed presence of Dr. Madhu Chitkara at IIT Ropar, marking a significant achievement in smart farming research and innovation.

iHub - AWaDH @ IIT Ropar has proudly launched **AWaDH Tinkering Lab** at Tula's International School, Dehradun — a landmark initiative aimed at fostering innovation and creativity among school students. This lab is designed to introduce young minds to cutting-edge technologies such as robotics, the Internet of Things (IoT), and Bluetooth Low Energy (BLE)-based automation, empowering them with practical, hands-on learning experiences. The inaugural event was graced by distinguished dignitaries including **Raunak Jain** (Managing Director, Tula's Group), **Dr. Raghav Garg** (Project Director, iHub AWaDH), **Sunil Semwal** (Principal, Tula's International School), **Dr. Nishant Saxena, Dr. Mukesh Kestwal, DeshRaj Dhiman,** and **Aman Kumar,** who emphasized the importance of early exposure to emerging technologies.

Students Category Winners

Position	Organisation Name	Idea Name
1	GB Pant Institute of Engineering and Technology Uttarakhand	IOT-Enabled Hybrid Eco-Innovative Kitchen Filter System
1	University of Calcutta	Urban Gardening / IOT Greentech
1	National Institute of Technology, Delhi	TraceBite: Representing Traceability and Integrity in every bite of food
1	Government College of Technology, Coimbatore	Stubble Burning Monitoring & Management System
1	Yeshwantrao Chavan College of Engineering	CROPIS (Crop Oriented Precision Irrigation System)
2	Indian Institute of Technology Mandi	Vision based flow monitoring and flood early warning system
2	Kulachi Hansraj Model School, Delhi	Farm Bliss: Agriculture Automation & Information Systems
2	Guru Nanak Dev University, Amritsar	FarmVault
2	GH Raisoni College of Engineering and Management, Pune	IoT Based Real-Time Monitoring Soil Tensiometer
3	National Institute of Technology Delhi	VibeSphere - Emphasizing a smart, mood-focused atmosphere for private work.
3	Tulas Institute Uttarakhand	Water impurity detection robot
3	Chandigarh Group of College Landran, Mohali	Advanced AI Integrated Multipurpose VTOL Plane
3	Punjab University, Chandigarh	CROP-HAWK

IDEATHON 1.O STARTUP ONE PAGER

Krashak Innovative Solution Private Limited

Evoxia is a clean-tech sustainability company dedicated to solving India's dual crisis of agricultural waste pollution and industrial import dependency. We have developed a "full valorization" biorefinery platform that transforms surplus paddy straw - a major source of air pollution - into a portfolio of high-value, green specialty chemicals. Our technology provides industries like paints, coatings, food, and adhesives with sustainable, cost-effective, and domestically produced alternatives to expensive, fossil-fuel-based imports. Our mission is to build a circular bio-economy that benefits farmers, industry, and the environment. Evoxia leverages its cutting-edge Biorefinery platform to transform agricultural residue into a diverse portfolio of high-value specialty chemicals. Our products offer a direct, sustainable, and economically superior alternative to imported petrochemicals across multiple industries.

Core Technology
BioRefine

Brand Name
Krashak Innovative Solution

Year of Start
2024

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
1,50,000

Investment Instrument
Grant

Rudranjali Innovative Agritech (Krushikranti)

There is need for small scale sugarcane harvesting machine which can be used by small and marginal farm holders. The present work has been taken to develop AI based a suitable harvesting machine (small petrol operated cutter and stripper) for reducing drudgery and efforts of farmer to cut the cane in harvesting operation. Developed Sugarcane cutter is useful for reducing the drudgery and efforts of farmers to cut the cane in harvesting operations and to provide safety to the operator.
It saves the time of operation for cutting. Developed machines are affordable or hireable machines for low-income groups associated with Sugarcane farming, having modern technology for energy-efficient work.

Core Technology
AI Based Energy Efficient Sugarcane

Brand Name
Krushikranti

Year of Start
2021

Industry / Sector
Agritech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
1,50,000

Investment Instrument
Grant

IDEATHON 1.0 STARTUP ONE PAGER

Vayunotics Technologies Privated Limited

Over 90% of drones today use autopilots or flight controllers built on open-source platforms like PX4 and ArduPilot. While these platforms have driven innovation, they come with significant limitations such as restricted customizability, reliance on foreign ecosystems, and security concerns. This dependency creates a bottleneck for industries needing tailored or more advanced solutions.

Additionally, the market faces challenges like the lack of indigenous alternatives for critical applications, making it reliant on costly proprietary systems. Navigation vulnerabilities are another pressing issue, as GPS-based drones are prone to jamming and spoofing, compromising mission-critical operations. Furthermore, current swarm coordination methods and Ground Control Systems are inefficient, leaving room for improvements in scalability, precision, and multi-drone management.

Core Technology
AeroCore

Brand Name
Agriculture Automation

Year of Start
2024

Industry / Sector
DroneTech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
3,50,000

Investment Instrument
Grant

Jaljeevan Agrotech Privated Limited

Jaljeevan Agro-Tech Pvt Ltd champions the cause of water conservation in Indian agriculture with a pioneering approach. Founded by visionary CEO Naresh Sahebrao Awchar, we've developed a patented heat-resistant rubber technology, capable of enduring temperatures up to 52°C, aimed at significantly reducing water loss in agriculture.

Core Technology
HydroShield

Brand Name
Agriculture Automation

Year of Start
2025

Industry / Sector
AgriTech

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
2,50,000

Investment Instrument
Grant

भारतीय प्रौद्योगिकी संस्थान रोपड़

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

DST NM-ICPS Technology Innovation Hub (iHub - AWaDH)

iDEATHON 2.0

Transforming Ideas into IP, Prototypes & Startups

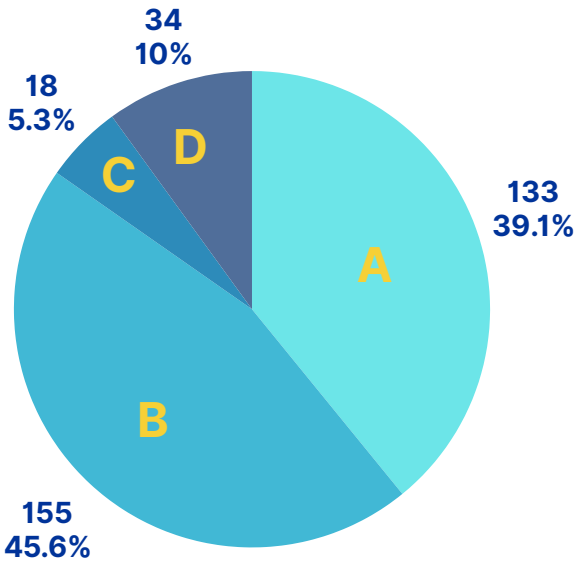
The IDEATHON mobilized innovation from academia, startups, research labs, and skilling partners at a national scale. With 340 proposals, the initiative accelerated product innovation, translation of R&D into usable technology, CPS lab creation, and inclusive skilling programs. A targeted funding support exceeding ₹1 Crore enabled deeptech solution building, startup market push, and empowerment-based training ecosystems focused especially on SC and underserved demographics.

Key Impact

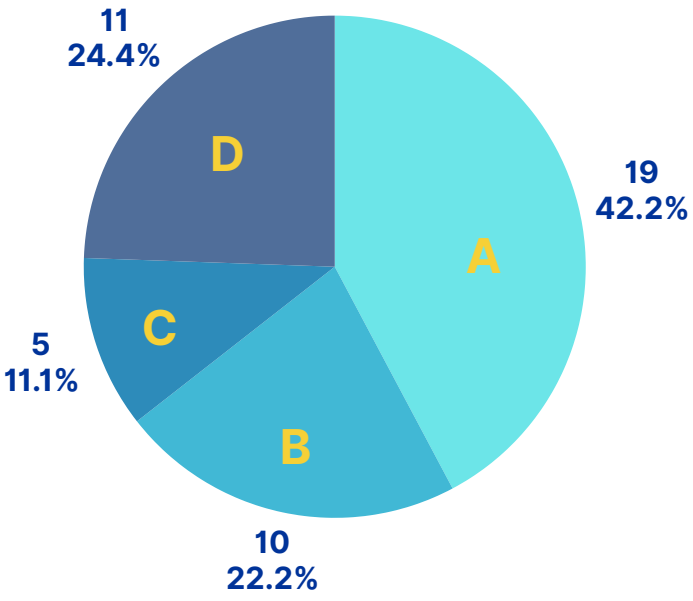
- Hands-on CPS skill access for marginalized communities
- Entrepreneurial enablement for early-stage innovators
- Rural and SC livelihood upliftment models deployed
- Livelihood & inclusion pathways designed for SC & marginalized communities

Awards & Grants upto 50 Lakhs

Category A	Category B	Category C	Category D
Technology Projects	**Startup & MSME Projects**	**Inclusive CPS Labs**	**Skilling for Inclusive Categories**
Up to 10 Lakh per project	*Up to 5 Lakh Grant/Startup*	*Up to 5 Lakh per application*	*Up to 3 Lakh per application*



TOTAL APPLICATIONS RECEIVED



FUNDING ALLOCATED

Technology Projects Under IDEATHON 2.0

1. **Thapar Institute of Engineering and Technology** — ₹4,00,000
Nitika Sharma's team is developing a planar microwave antenna system designed for site-specific weed eradication at 915 MHz and 2.45 GHz to support precision agriculture in greenhouses and small farms. The project advances a novel non-chemical weed-management technology with strong translational potential.

2. **Government Polytechnic Ahmedabad** — ₹3,00,000
Dr. Mitchell Prajapati's project focuses on a multi-agent autonomous navigation and agronomic sensing platform that enables scalable precision farming. The system integrates real-time field sensing with autonomous mobility for rural agricultural applications.

3. **IISER Thiruvananthapuram** — ₹5,00,000
Dr. Suresh Chavhan's team is building Smart Krishi Sahayak+, an Edge-AI wildlife intrusion mitigation system aimed at protecting farms and enabling precision agriculture through real-time detection and automated preventive action.

4. **G. H. Raisoni International Skill Tech University, Pune** — ₹4,00,000
Dr. Minakshi Mainaji Sonawane's project develops a computer-aided diagnosis system for skin disease identification, enabling early detection and tele-dermatology support for rural and underserved communities.

5. **IIT Patna** — ₹3,00,000
Dr. Chandranath Adak's team is creating an AI-driven micro-climate and soil intelligence platform to provide real-time decision support for farmers using hyperlocal climate predictions and soil-health analytics.

SKILLING FOR INCLUSIVE CATEGORIES

1. **Acropolis Institute of Technology and Research** — ₹1,00,000
Dr Uday Bhanu Singh Chandrawat with their program, Smart Agriculture Empowerment for Rural Teenagers, trains SC youth in IoT and automation skills relevant to modern agriculture, fostering early exposure to digital farming tools.

2. **College of Dairy Science & Technology, LUVAS Hisar** — ₹1,00,000
Dr Sanjay Yadav with his initiative imparts value-added animal product processing skills to SC communities, enabling livelihood creation through dairy entrepreneurship and rural micro-enterprises.

3. **New Horizon College of Engineering** — ₹1,00,000
Dr. R J Anandhi and their Digital Kisan Sahayak program trains SC youth in AI- and IoT-based crop-health monitoring and device maintenance, preparing them for jobs in agri-tech service delivery.

4. **New Horizon College of Engineering** — ₹1,00,000
Dr Rajesh G with their second program, Climate-Smart Farming: Digital Skills for Marginalized Communities, equips learners with digital agriculture skills, including data-driven farming, automation, and sustainability practices.

5. **Indira College of Engineering and Management** — ₹1,00,000
Dr. Poorna Shankar with their program AI for Rural Empowerment introduces SC beneficiaries to responsible AI, agri-tech applications, and digital tools for rural problem-solving and micro-enterprise creation.

6. **LUVAS, Hisar** — ₹1,00,000
Dr. Ravi Dutt's project trains SC beneficiaries in reproductive health management practices in dairy animals, translating laboratory research into practical field applications for improved livestock productivity.

7. **Envoler Innovations Private Limited** — ₹1,00,000
Piyush Jain with their Small Category Drone Pilot Training program prepares SC youth for emerging drone-based job roles in agriculture, mapping, and rural development operations.

8. **Innovation Forge Private Limited** — ₹1,00,000
Deepak Kumar with his Innow8 – Skills and Technology Development initiative provides hands-on technical training for SC learners, focusing on foundational CPS, IoT, and digital tools for rural skilling.

9. **Acropolis Institute of Technology and Research** (2nd Program) — ₹1,00,000
Dr. Praveen Gupta is planning for a second cohort of the Smart Agriculture Empowerment Program expands IoT and automation training for rural SC teenagers, strengthening digital inclusion.

10. **MIT-WPU / OMNUS** (Department of Polytechnic) — ₹1,00,000
Jyoti Ganesh Mante with his Cybersecurity for All program builds foundational cybersecurity skills and livelihood models for SC, rural, and marginalized communities, bridging tech literacy gaps.

11. **Chandigarh University** — ₹1,00,000
Harsh Sharma is planning for 5-Day IoT Training Program in Agriculture introduces SC beneficiaries to IoT sensors, data-driven farming, and CPS concepts through hands-on modules.

Startups and MSMEs under IDEATHON2.0

1. **Roventa** — ₹1,50,000
Founded by N. Thanuja, Roventa is developing an AI-enabled rural commerce and community-engagement platform aimed at empowering local producers and women-led enterprises. The startup will formalize its incorporation within three months under the Ideathon 2.0 mandate.

2. **SparkyAI Private Limited** — ₹2,00,000
Led by Anurag, SparkyAI is building intelligent automation and analytics solutions, leveraging AI to streamline operational decision-making for emerging sectors. The support enables rapid prototyping and deployment of their core AI engine.

3. **Prakritik Sukoon Sampoorn Pvt. Ltd.** — ₹1,50,000
Founded by Rekha, this startup focuses on natural, sustainable wellness and personal-care products derived from indigenous ingredients. The funding supports product refinement, packaging innovation, and early-scale market entry.

4. **Renergizr Industries Pvt. Ltd.** — ₹1,50,000
Himanshu Gupta's Renergizr develops clean-tech, energy-efficient rural devices and solutions aimed at reducing drudgery and promoting low-cost mechanization. The grant aids validation and field deployment of their next-gen prototypes.

5. **Bhoomicam Private Limited** — ₹2,00,000
Under Dr. Siddhartha Khare, Bhoomicam is designing advanced geospatial and imaging-based agri-monitoring tools for real-time crop insights.

शिक्षा मंत्रालय MINISTRY OF EDUCATION | विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY | AWaDH IIT Ropar-TIF | bharat INNOVATES 2026

bharat INNOVATES 2026

Global Innovation Showcase

A global platform for deep-tech innovations associated with HEIs/CFTIs India

A global platform for deep-tech innovations associated with HEIs/CFTIs India

About Us

Bharat Innovates 2026, an initiative of the Ministry of Education, Government of India, developed under the strategic guidance of the Office of the Principal Scientific Adviser, is a landmark national effort aimed at showcasing India's R&D-driven technological strength on the global stage. This visionary program is designed to enhance and amplify the innovation capabilities of the nation's premier Higher Education Institutions (HEIs) and Centrally Funded Technical Institutions (CFTIs), empowering them to bring transformative ideas and research outcomes to the forefront.

The initiative places a strong emphasis on frontier technologies, including Artificial Intelligence, CleanTech, AgriTech, HealthTech, and a wide spectrum of emerging deep technologies that hold the potential to shape the future of global innovation. By providing a high-impact international platform, Bharat Innovates 2026 enables researchers, innovators, and startups to present their cutting-edge breakthroughs, engage directly with international investors, industry leaders, and policy influencers, and create pathways for cross-border collaboration.

Focus & Objectives

Global Platform
Travel to France as a representative of India's technology innovation prowess.

Global Collaborators
Expand your deep-tech venture's horizons by accessing wide-ranging market and technology partners.

Global Investors
Present your innovation to global investors, securing their participation in your venture's developmental journey.

India's Deep-Tech Vision on the Global Stage

Bharat Innovates 2026 is set to make a global mark in France, where **100 of India's** leading deep-tech innovations (TRL 3–9) will be showcased before international investors, industry leaders, and technology collaborators. As a flagship initiative of the Ministry of Education, Government of India, developed with guidance from the Office of the Principal Scientific Adviser, the program aims to position India as a rising global technology powerhouse. To build a unified national roadmap for this landmark showcase, IIT Ropar's i**Hub–AWaDH** convened a high-level Round Table bringing together leaders from academia, incubators, and the startup ecosystem. The discussion focused on curating high-potential innovations, strengthening national representation, and enabling Indian deep-tech startups to leverage this international platform.

The meeting saw active participation from key stakeholders including **Dr. Love Sarin** (Director, Bharat Innovates 2026), **Nimrata Randhawa Kapoor** (Plaksha University), Senior Scientist Chander Shekhar (S&T Innovation Hub Ladakh & CSIR-JIGYASA), **Mamta Bhardwaj** (STPI NEURON), **Mandeep Singh** (VentureLab Thapar), and representatives from Innovation Mission Punjab. Faculty and innovation leaders from IIT Ropar Asad H. Sahir, **Neelkanth Nirmalkar, Dr. Prabir Sarkar, Dr. Pushpendra P. Singh** along with the iHub – AWaDH team **Dr. Mukesh Kestwal** (CIO), **Dr. Shreya Sharma** (R&D & Corporate Manager), **Saurabh Arora** (Head of TT & IP), and **Parry Sood** (Program Manager, SISFS) played a pivotal role in guiding discussions and shaping the collaborative roadmap.

We are also proud to share that **Dr. Love Sarin** was felicitated by **Dr. Pushpendra Pal Singh** in recognition of his steadfast support, visionary guidance, and unwavering commitment to advancing national innovation initiatives. This honor celebrates Dr. Sarin's significant contributions toward strengthening India's innovation ecosystem, fostering technology-driven solutions, and mentoring emerging innovators. His dedication reflects a deep-seated commitment to empowering the next generation of entrepreneurs and researchers, inspiring excellence, and driving transformative change across the country's technological and entrepreneurial landscape.

iHub – AWaDH Contributes to Strategic Deliberations for Bharat Innovates 2026

iHub – AWaDH is proud to share that we participated in the Technical Committee Meeting for Bharat Innovates 2026 – Global Innovation Showcase, hosted at the Indian Institute of Technology Gandhinagar. Bharat Innovates is rapidly emerging as a national platform to spotlight cutting-edge deep-tech innovations from India's HEIs and CFTIs, and it was inspiring to contribute to discussions aimed at strengthening India's global innovation footprint. We had enriching interactions with distinguished leaders and experts from across IITs and IISc, whose collective vision, insights, and commitment reaffirmed the immense potential of India's innovation ecosystem.

Bharat Innovates 2026 Roadshow Highlights at SPRINT North Edition, Gurugram

We extend our sincere appreciation to **Ms. Nirupam Kritika** for her valuable participation and for sharing key insights about the Bharat Innovates 2026 program. Her inputs greatly enriched the discussions and enhanced our understanding of the initiative's broader national and global significance.

Bharat Innovates 2026 is designed to showcase India's most promising deep-tech innovations on an international platform, with the program culminating in a global exhibition in France in June 2026. This initiative represents a major opportunity for Indian startups to present their solutions on the world stage, strengthen global collaborations, and highlight the depth and potential of India's innovation ecosystem. It reinforces the country's commitment to advancing cutting-edge research, technology development, and entrepreneurship.

OPERATION DRONAGIRI

Pilot Project Under Geospatial Policy **2022**

GIA - Operation Dronagiri, Geospatial Innovation Hub (GIH) & Geospatial Innovation Accelerators (GIA) meeting at Hyderabad (13 Nov 2024)

5 GIA:

✅ Society for Innovation & Entrepreneurship -SINE IIT Bombay
✅ Startup Incubation and Innovation Centre, IIT Kanpur (incubatoriitk)
✅ IIM Calcutta Innovation Park, ✅ IIT Tirupati Navavishkar I-Hub Foundation
✅ iHub - AWaDH @ IIT Ropar

ABOUT US

Operation Dronagiri is a strategic initiative under the National Geospatial Policy (NGP) introduced by the Department of Science & Technology (DST) in December 2022.

Operation Dronagiri is a strategic initiative under the National Geospatial Policy (NGP) introduced by the Department of Science & Technology (DST) in December 2022. The NGP aims to make India a global leader in geospatial technology by fostering innovation, liberalizing access to geospatial data, and driving economic and social development through the effective use of this technology. Operation Dronagiri, the first phase of the NGP implementation, is designed to demonstrate the tangible benefits of geospatial technology across three key sectors: Agriculture, Transportation & Infrastructure, and Livelihoods & Skilling.

Key Sectors

Agriculture

Precision agriculture, water management, and geospatial data drive improved resource allocation and optimized irrigation. Real-time data and remote sensing are leveraged to enhance crop yields and efficiency.

Transportation & Infrastructure

The Transportation & Infrastructure sector aims to optimize logistics and connectivity for agriculture and industry. It focuses on enhancing transport networks and integrating smart systems for efficient movement of goods.

Skilling/Livelihood

The Skilling & Livelihood sector empowers individuals through targeted training and skill development. Programs enhance employability in agriculture, technology, and infrastructure while fostering entrepreneurship.

LAUNCH OF OPERATION DRONAGRI

iHub – AWaDH @ IIT Ropar is proud to highlight the successful launch of Operation Dronagiri, a flagship initiative under India's National Geospatial Policy (NGP) 2022, held on **13 November 2024** at the Research & Innovation (R&I) Park, New Delhi. This national pilot aims to leverage advanced geospatial technologies to accelerate development across three critical sectors—Agriculture, Infrastructure & Transportation, and Livelihood & Skilling. By enabling data-driven decision-making and localized interventions, the initiative is positioned to create measurable impact at the grassroots level. The launch event was graced by distinguished leaders, including **Shri Hitesh Kumar S. Makwana**, IAS, Surveyor General of India, and **Prof. K. N. Satyanarayana,** Director, IIT Tirupati. Strategic insights from **Dr. Srikant Sastri,** Chairman, GDPDC, and Prof. Abhay Karandikar, Secretary, DST, **Dr. Radhika Trikha,** CEO, iHub - AWaDH emphasized the transformative potential of Operation Dronagiri in strengthening India's geospatial ecosystem. The initiative is being jointly led by IIT Tirupati, IIT Ropar, IIT Kanpur, IIT Bombay, and IIM Calcutta Innovation Park, enabling collaborative capacity building, knowledge-sharing, and innovation deployment across multiple sectors.

LAUNCH OF OPERATION DRONAGRI

LAUNCH OF OPERATION DRONAGRI

Operation Dronagiri focuses on sector-specific advancements, including precision agriculture, farm boundary mapping, and aquaculture planning under Agriculture; improved navigation, accident reduction, and EV infrastructure mapping under Transport & Infrastructure; and localized job discovery and market linkages for rural artisans under Livelihood & Skilling. These interventions aim to demonstrate how geospatial data can drive efficiency, enhance safety, and strengthen rural economies.

CYRAN AI SOLUTIONS PVT LTD

www.cyran.in

CYRAN AI Solutions Pvt. Ltd. is positioned as a forward-looking technology company dedicated to developing intelligent, scalable, and domain-focused AI solutions. With a strong emphasis on applied artificial intelligence, the company integrates machine learning, data analytics, automation, and cloud-native architectures to solve real-world challenges across sectors such as agriculture, manufacturing, healthcare, and enterprise operations. CYRAN AI focuses on building end-to-end products—from data acquisition and model development to deployment and monitoring—ensuring measurable outcomes for clients. The company aims to bridge the gap between traditional processes and future-ready AI systems, enabling organizations to enhance efficiency, decision-making, and sustainability.

Core Technology
CYRAN AI

Brand Name
CYRAN AI

Year of Start
2024

Industry / Sector
AI/DeepTech | Defence Tech

Invested by AWaDH
Yes

IPs Filed :
Filed

Grants
10,00,000

Investment Instrument
Equity

OXBOW INTELLECT PRIVATE LIMITED

www.oxbowintellect.com

Oxbow Intellect is developing OxLAND, an enhanced and scalable geospatial platform integrating AI-driven crop stress detection, yield estimation, land ownership overlays, and compliance mapping. The system provides user-specific dashboards with exportable reports, enabling accurate and efficient decision-making for farmers, agribusinesses, and government bodies. Their focus is on combining public agricultural datasets with advanced analytics to create a powerful, mobile-accessible geo-intelligence solution.

Core Technology
AI-based Crop Analytics

Brand Name
Oxbow Intellect

Year of Start
2023

Industry / Sector
GeoSpatial | AgriTech

Invested by AWaDH
Yes

IPs Filed :
1 Patent Filed

Grants
10,00,000

Investment Instrument
Grant

NAVARITI INNOVATION PRIVATE LIMITED

www.heliot.ai

Navariti Innovation develops HELIOT AI, an integrated AI-, GIS-, and IoT-enabled smart farming system focused on resource optimization and climate resilience. The solution combines solar-powered weather stations, soil sensors, and automated motor controllers to deliver precise, crop-specific insights. Their platform supports farmers through localized recommendations, impact assessment modules, advisory dashboards, and field validation, making farming more data-driven, sustainable, and efficient.

Core Technology
AI + IoT Smart Farming Systems

Brand Name
Oxbow Intellect

Year of Start
2022

Industry / Sector
AgriTech | IoT | ClimateTech

Invested by AWaDH
Yes

IPs Filed :
1 Patent Filed

Grants
10,00,000

Investment Instrument
Grant

CultYvate

www.cultyvate.com

CultYvate is a precision agriculture company providing IoT-enabled, AI-driven farm management solutions focused on improving water efficiency, crop productivity, and climate resilience. Their platform integrates soil sensors, automated irrigation controllers, micro-climate models, and real-time decision support systems. CultYvate enables farmers to optimize resource usage, reduce operational costs, and achieve consistent crop performance through data-driven insights and continuous monitoring.

Core Technology
IoT-based Smart Farming,

Brand Name
CultYvate

Year of Start
2018

Industry / Sector
AgriTech | IoT | Precision Farming

Invested by AWaDH
Yes

IPs Filed :
1 Patent Filed

Grants
10,00,000

Investment Instrument
Grant

शिक्षा मंत्रालय MINISTRY OF EDUCATION | विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY | इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY | AWaDH IIT Ropar-TIF | nasscom

भारतीय प्रौद्योगिकी संस्थान रोपड़
Indian Institute of Technology Ropar

DeepTech Club (DTC) Accelerate

ClimateTech (Agri & WaterTech)

Funding
Commitment of
₹25 upto **Lakh**

Our Website
www.ihub-awadh.in

NASSCOM DeepTech and iHub–AWaDH Launch Strategic AgriTech & WaterTech Accelerator to Strengthen India's Deep-Tech Innovation Landscape

NASSCOM is the collective voice of India's $283 billion technology industry, representing 3,000+ companies across startups, GCCs, and product and engineering firms. It drives human-centric innovation through strong industry government academia collaboration, shaping policies and programs that advance a future-ready, inclusive digital economy and strengthen India's position as a global technology and innovation leader.

This AgriTech and WaterTech acceleration cohort was launched during the Indian Institute of Technology, Ropar, (iHub - AWaDH @ IIT Ropar) SPRINT North Edition under the 100 Startups 100 Days initiative at IILM Gurugram on 12 September, and was launched by **Smt. Rekha Sharma,** Hon'ble Member of Parliament (Rajya Sabha) and Former Chairperson, National Commission for Women, along with the nasscom team-**Mr. Mayank Kumar** and **Mr. Prashant verma,** marking a key milestone in strengthening India's deep-tech startup ecosystem. The selected startups are at the forefront of developing transformative technologies in agriculture and water conservation. These startups will gain mentorship, ecosystem support, and opportunities to scale their impact in the DeepTech and Climate Tech sectors.

DTC Accelerate 16 Selected Startups

Bariflo Cybernetics Pvt ltd | Circlo | CLUIX | MATOLUTIONS GOOD · NATURED MATERIAL | EARTH FOKUS

Leher लहर ലഹര | JYOM OS | SOILSENS | SF

VISRON | CLEAN WATER | AgriScience | ScaNxt | MITRASENA · मित्रसेना फसल बचाए, कमाई बढ़ाए | FISHYFARMERS

भारतीय प्रौद्योगिकी संस्थान रोपड़
Indian Institute of Technology Ropar

MeitY GENESIS

Supported by **MeitY Startup Hub**

EIR Program	Pilot Program	Investment Program
Funding Upto	**Funding Upto**	**Funding Upto**
10L	**40L**	**50L**

Major objectives of the Scheme:

- Consolidation of startup related schemes and assets of MeitY for greater efficiency, asset utilization and enhanced support for startups.
- Provide Tier-II/ III cities focused funding to critically support Pilot/ Investment, Early-stage and deep-tech startups.
- Strengthening Incubators, building stronger startup ecosystem via capacity building initiatives in Tier II/ III cities.

Entrepreneur in Residence (EiR) Support

to students and entrepreneurs to validate their startup ideas so as to create momentum in Tier II/ III cities for entrepreneurship.

Pilot Funding Support

to startups who have validated their idea and need to pilot their product.

Investment Support

to startups that are raising funds from the market and this will bring domestic rupee capital into the Tier II/ III cities across India.

Deep-Tech Funding Support

to a select number of startups that are developing high impact solutions.

Picraft Technology Private Limited

www.picraft.in

Picraft Technology Pvt. Ltd. designs and manufactures affordable 3D printers, filaments . Our printers feature dual extruders, and AI-based print failure detection. We offer in-house filaments and 3d printers for rapid prototyping. Our goal is to empower Indian startups with reliable, locally made tools and expand into advanced robotics in the future.

Core Technology
Robot process automation

Brand Name
3D printers

Year of Start
2024

Industry / Sector
Deep tech

Invested by AWaDH
Yes

IPs Filed :
Field

Grant
8,00,000

Investment Instrument
Grant

Innect Technologies Private Limited

www.innect.tech

Our flagship product is the Smart Environment Monitoring and Automation System (SEMoAS). It measures various environmental parameters such as temperature, humidity, oxygen and CO2 levels, light exposure, etc., logs the data real-time with graph plotting, notifies when levels are critical while also automating the actuators to bring the ambient environment under prescribed levels.

Core Technology
Agriculture Automation

Brand Name
Artificial Intelligence

Year of Start
2025

Industry / Sector
Agriculture

Invested by AWaDH
Yes

IPs Filed :
No

Grants
6,00,000

Investment Instrument
Grant

MEITY GENESIS STARTUP ONE PAGER

Skyflock Uaviation Pvt. Ltd.

Skyflock Swarm Drone System (SSDS) is an indigenous deep-tech startup developing an AI- and ROS-based swarm drone ecosystem designed for coordinated multi-drone operations and autonomous mission execution. The platform integrates ROS, PX4, and MAVLink for intelligent control and seamless communication across drones, enabling advanced applications such as precision agriculture, crop monitoring, disaster mapping, and surveillance. Leveraging AI and IoT for real-time decision-making and formation flying, SSDS ensures high reliability through a simulation-first approach using Gazebo before hardware deployment. The startup aims to deliver scalable, efficient, and mission-ready autonomous drone solutions for various sectors.

Core Technology
Deep tech

Brand Name
Ed-Tech /AR / VR / Drone

Year of Start
2022

Industry / Sector
2022

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed :
Field

Grants
6,00,000

Investment Instrument
Grant

Envoler Innovation Private Limited

www.envoler.in

Envoler Innovations Private Limited, an Indian drone company, is dedicated to delivering a diverse array of drone-based services. These encompass aerial mapping, surveying, and inspection tailored to various industries such as agriculture, infrastructure, and mining. The company additionally specializes in providing bespoke drone solutions to clients based on their unique needs. Among the rising drone enterprises in India, Envoler Innovations actively champions the integration of drones across diverse sectors through its services and strategic collaborations. Envoler Innovations offers a drone-powered geospatial solution that captures high-resolution aerial data for infrastructure, agriculture, and environmental monitoring. By combining drones, GIS tools, and cloud-based processing, we provide orthomosaics, 3D models, thermal scans, and analytical dashboards. This ensures faster project execution, better resource allocation, reduced manual errors, and improved decision-making for clients across government and private sectors.

Core Technology
GeoDrone

Brand Name
Envoler Innovations

Year of Start
2022

Industry / Sector
SDG Focused Goal

Project Completed
280+

IPs Filed :
Trademark

Grants
10,00,000

Clients

Macrocosmos Creations Private Limited

www.macrocosmoscreations.com

MacroCosmos Creations Private Limited (MCC) is a technology-driven company dedicated to transforming agriculture and rural development through innovative, sustainable solutions. We design integrated ecosystems that bring together advanced technologies such as Geospatial Intelligence, Artificial Intelligence, Blockchain, Digital Twins, Drones, and Precision Farming tools—seamlessly blending them with traditional farming wisdom. Focused on making modern innovations accessible, practical, and impactful for farmers and agri-communities. From early research to extensive field trials across India and beyond, MCC has continuously refined its approach to solving real-world agricultural challenges. Today, through our flagship platform MCC FarmFusion, we empower over 10,000 farmers and multiple agri-organizations with timely insights, advisory services, and decision-making support.

Core Technology
AI + satellite + hyperlocal-weather

Brand Name
Macrocosmos

Year of Start
2022

Industry / Sector
AgriTech | IoT | Precision Farming

Invested by AWaDH
Yes

IPs Filed :
No

Grants
25,00,000

ICPS STARTUP ONE PAGER

Waterfall Automation Private Limited

Waterfall Automation Pvt Ltd is an Agri-Tech startup with a vision to make technology affordable for farmers and thus bringing dignity to the farming community. “More Yield Per Field” is the underlying motto behind their technology. Our product SICCA maximizes yield by optimizing the use of water and fertilizers. It is a wireless sensor based IoT product which automates the Irrigation & Fertigation system using agri-research know-how.

Core Technology
IoT

Brand Name
Waterfall

Year of Start
2024

Industry / Sector
Watertech

Invested by AWaDH
Yes

IPs Filed :
Grant

Grants
10,00,000

Investment Instrument
Grant

ICPE-2025 CONFERENCE

IUPAP - International Conference on Physics Education - 2025

Preparing for the future in the age of virtual labs, AI and quantum technologies

Visit the website to know more

Government Partners

Ecosystem Partners

Organising Partners

Department of Physics
AAYAM Research Club
IIT Ropar

16–20 December 2025

IIT Ropar, India

info.icpe25@iitrpr.ac.in

About the Physics Department, IIT Ropar

The Department of Physics at IIT Ropar was established in 2009 with an ambition to pursue high-level teaching methodologies and top-notch research in advanced areas of experimental and theoretical physics,, and interdisciplinary areas of science and technology. Presently, the department supports the graduate program of the Institute and offers MSc. and Ph.D. programmes in Physics. Our curiosity-driven research programs train young scientists to acquire knowledge and mould them as global leaders in science and technology, as well as to communicate and engage with the broader society.

About IISER Mohali

The Indian Institute of Science Education and Research, Mohali (IISER Mohali), established in 2007, is an autonomous public research institution located in Mohali, Punjab, India. As one of the seven IISERs set up by the Government of India, it is dedicated to advancing scientific research and providing high-quality education at both undergraduate and postgraduate levels. Recognised as an Institute of National Importance, IISER Mohali offers integrated programs such as the five-year BS-MS dual degree, Integrated PhD, and PhD across various scientific disciplines, including Biological, Chemical, Mathematical, Physical, and Earth Sciences. The institute emphasises interdisciplinary research and has state-of-the-art facilities to support cutting-edge scientific inquiry.

ICPE-2025 is held under the patronage of **Prof. Anil Kumar Tripathi**, whose research focuses on genetics, functional genomics, and systems biology, with special interest in plant growth–promoting rhizobacteria for synthetic biology applications.

Prof. Arvind from IISER Mohali Physics Department, who also is the former Vice Chancellor of Punjabi University Patiala, is the co-chair of ICPE-2025.

About IAPT

The Indian Association of Physics Teachers (IAPT), established in 1984 by the visionary physicist Prof. D. P. Khandelwal, is a national organization dedicated to enhancing the quality of physics education and supporting physics educators across India. With a membership exceeding 6,500 individuals, including school, college, and university teachers, as well as researchers and science enthusiasts, IAPT operates through 20 regional councils to effectively implement its initiatives nationwide. The association organizes various academic programs and activities, such as the National Standard Examinations (NSE) in Physics, Chemistry, Biology, Astronomy, and Junior Science, which serve as preliminary stages for international Olympiads. Additionally, IAPT publishes a monthly journal focused on physics education and related areas, contributing significantly to the professional development of physics educators and the promotion of physics as a discipline. **Prof P.K. Ahluwahlia**, a retired professor of Physics from the Himachal Pradesh University, is the National President of IAPT.

About The Conference

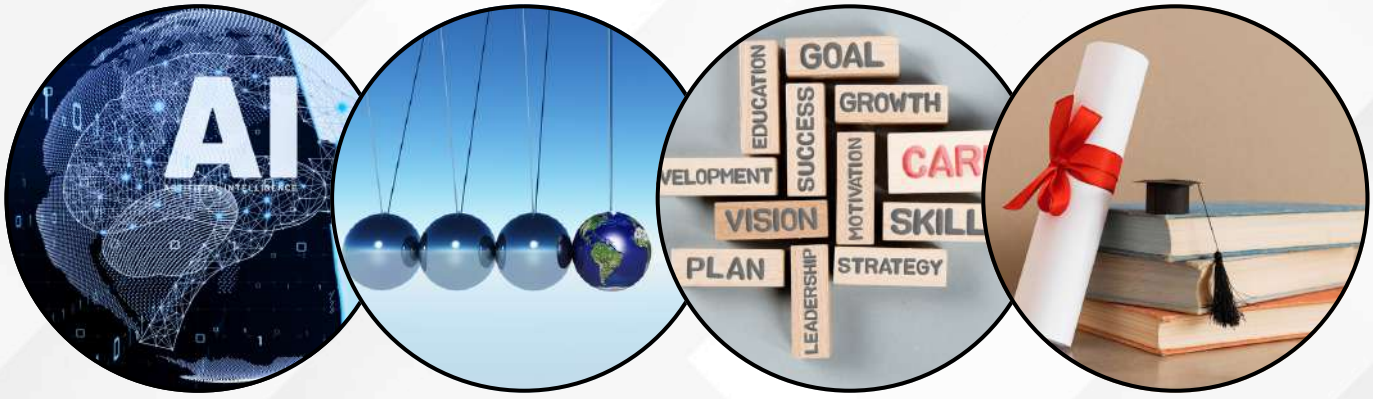
The International Conference on Physics Education (ICPE–2025) marks a momentous return to India after nearly two decades, reaffirming the nation's growing leadership in science education and pedagogical innovation. Co-organised by IIT Ropar, IISER Mohali, and the Indian Association of Physics Teachers (IAPT), the conference revives a distinguished legacy—its last Indian edition having been held in 2005 at Vigyan Bhawan, New Delhi, and inaugurated by the visionary scientist and former President of India, Dr. A. P. J. Abdul Kalam.

Building upon this rich heritage, ICPE–2025 will serve as a global platform for physics educators, researchers, academicians, teachers, policymakers, and students to engage in meaningful dialogue on the evolving landscape of physics education. Set against the transformative backdrop of NEP–2020 reforms and the accelerated adoption of digital and hybrid learning models in the post-pandemic era, the conference will explore forward-looking approaches to teaching and learning physics.

The deliberations will spotlight innovative pedagogies, next-generation curriculum frameworks, technology-enabled instruction, assessment reforms, and evidence-based research practices that are redefining physics education worldwide. By fostering collaboration across institutions and geographies, ICPE–2025 aims to catalyse impactful ideas, strengthen global networks, and shape a future-ready physics education ecosystem aligned with emerging scientific and societal needs.

Inspiring Talks | ***Hands-on Workshops*** | ***AI in Physics and Quantum Tech*** | ***Thought-Provoking Panel Discussions*** | ***Career Counselling***

Highlights



AI & Quantum Technologies | Hands-on Workshops | Career Prospects in Physics | Fee Reduction, Waivers & Certificates

Prof. Arun Kumar Grover
Member of the IUPAP Commission on Physics Education (C14); Honorary Professor of Physics at Punjab Engineering College (PEC), Chandigarh

Prof. Sunil Gupta
President-Designate of IUPAP (2025–27); Senior Professor and Raja Ramanna Fellow at TIFR, Mumbai

Chief Guest

Prof. Ajay Kumar Sood
Principal Scientific Adviser to the Government of India

Prof. Manjula Sharma
Chair of the IUPAP Commission on Physics Education (C14); Professor of Science Education and the Director of the STEM Teacher Enrichment Academy at The University of Sydney

Prof. Chandralekha Singh
Distinguished Professor of Physics and the Founding Director of the Discipline-based Science Education Research Center (dB-SERC), University of Pittsburgh

Prof. Paula Heron
Professor of Physics at the University of Washington

Dr. Sudarshan Iyengar
Founding Director of ANNAM.AI, the Centre of Excellence for AI In Agriculture; Associate Professor, Department of Computer Science and Engineering, IIT Ropar

Dr. Pornrat Wattanakasiwich
Associate Professor and Assistant Dean, Faculty of Science, Chiang Mai University, Thailand

Prof. Dean Zollman
University Distinguished Professor Emeritus of Physics at Kansas State University

Dr. Anish Mokashi
Experimental physicist and science educator at Azim Premji University, Bengaluru

Prof. Marisa Michelini
Member of the IUPAP Commission on Physics Education (C14); Senior Full Professor of Physics Education at the University of Udine, Italy

Prof. H.C. Verma
Professor Emeritus at IIT Kanpur; Author of the physics textbook series "Concepts of Physics"

Prof. Manoj Kumar Harbola
Professor of Physics, IIT Kanpur

Prof. Anwesh Mazumdar
Dean HBCSE-TIFR, Mumbai; National Coordinator, Science Olympiads

Prof. Pratibha Jolly
Former Principal, Miranda House, University of Delhi; PI GATI (Gender Advancement for Transforming Institutions)

Dr. K.K. Mashood
Associate Professor, HBCSE-TIFR Mumbai

Prof. Gurjeet Kaur
Professor, IASE (Faculty of Education), Jamia Millia Islamia, Delhi

Prof. Bhas Bapat
Professor of Physics and Dean (Planning and Communications) at IISER Pune

Prof. David R. Sokoloff
Professor of Physics, Emeritus, University of Oregon; Past President of AAPT

Dr. Kamal Mahendroo
Senior Fellow, Vidya Bhawan Education Resource Centre, Udaipur

Prof. P.K. Ahluwalia
National president of the Indian Association of Physics Teachers (IAPT); Professor of Physics, Himachal Pradesh University, Shimla

Dr. Madip Singh
Associate Professor of Physics, IISER Mohali

Dr. Geraldine L. Cochran
Associate Professor of Physics, The Ohio State University

Dr. Praveen Pathak
Scientific Officer (F), HBCSE-TIFR, Mumbai

Dr. Bindiya Arora
Assistant Professor, Department of Physics, Guru Nanak Dev University, Amritsar

Giulia Polverini
Doctoral Student in Physics Education Research, Department of Physics and Astronomy, Uppsala University, Sweden

Prof. Vandna Luthra
Physics Professor at Gargi College, University of Delhi

Ashish Kumar Srivastava
Assistant Professor of Physics, NCERT, New Delhi

Prof. Prabha Mandayam
Associate Professor, Department of Physics, IIT Madras

Dr. Faletič, Sergej
Assistant Professor, Department of Physics, University of Ljubljana, Slovenia

Prof. O.S.K.S. Sastri
Professor of Physics and Director, Udbhav Kendra (Incubation Center of CUHP), Central University of Himachal Pradesh, Dharamshala

Prof. Y.K. Vijay
Director of the Centre for Innovation in Science Teaching (CIST) at IIS (deemed-to-be University), Jaipur

Dr. Jithin B.P.
Director, CSpark Research, Delhi

Shri. S.D. Shibulal
Co-founder and Former CEO, Infosys; Co-founder, SFPI; Chairman, iinnovations.com

Dr. Manish Jain
Associate Teaching Professor at the Center for Creative Learning, IIT Gandhinagar

Dr. Deepa Chari
Faculty, HBCSE-TIFR, Mumbai

Prof. T.S. Natrajan
Professor of Physics (retd.), IIT Madras

Dr. Sapna Sharma
Head, Department of Physics, St. Bede's College, Shimla

Prof. Vandana Nanal
Professor, Department of Nuclear and Atomic Physics, TIFR, Mumbai

Prof Srubabati Goswami
President, Indian Physics Association (IPA); Senior Professor, Physical Research Laboratory, Ahmedabad

विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF SCIENCE & TECHNOLOGY

AWaDH IIT Ropar-TIF

annam.ai

भारतीय प्रौद्योगिकी संस्थान रोपड़
Indian Institute of Technology Ropar

IIT ROPAR (iHub - AWADH) SPRINT SOUTH EDITION AT TELANGANA

Strategic Program for Research Innovation and Next Gen Tech Commercialisation

Journey of SPRINT

100S100D : Empowering India's Next-Gen Founders

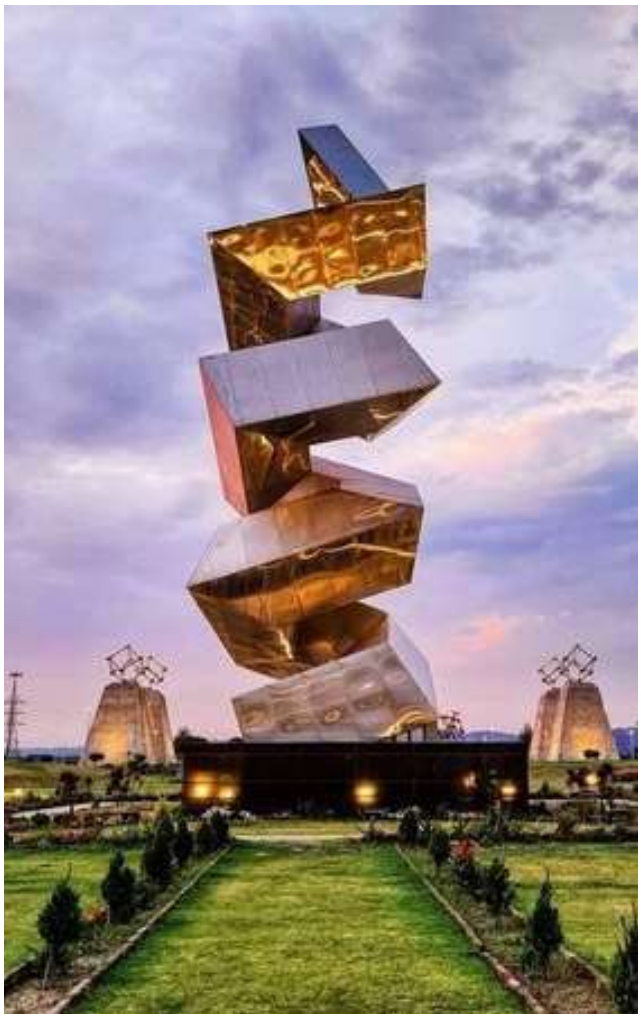
people@ihub-awadh.in

www.ihub-awadh.in

ABOUT SPRINT

To meet out the objectives of DST NM-ICPS, **IIT Ropar TIF AWaDH** launches SPRINT Initiative. SPRINT initiative seeks collaborators and partners on board to facilitate innovation and entrepreneurship in line with the vision of DST NM-ICPS and the Government of India, making India a product nation and upskilling of ICPS manpower. As an initiative, AWaDH encourages a collaborative approach and shall invite International and national partners to hold programs for various stakeholders.

SPRINT is designed to accelerate the research-driven ideas of innovators, researchers, and aspiring entrepreneurs who aim to transform their innovations into scalable startups. It caters to individuals who have developed a proof of concept or prototype and are seeking comprehensive support through resources, mentoring, lab access, funding, networking, and international collaborations. The program emphasizes research, innovation, development, and technology commercialization, enabling participants to refine their solutions and bring them closer to market readiness. SPRINT acts as a bridge between academia and industry, fostering partnerships with startups, corporates, government bodies, and NGOs. Through its focused approach, it nurtures innovators under the iHub – AWaDH @ IIT Ropar ecosystem and beyond, creating a dynamic platform where research translates into impactful, real-world applications that contribute to India's growing DeepTech and innovation ecosystem.



The SPRINT program, now in its **13th edition,** has established itself as a leading initiative for Research Innovation and Next-Generation Technology Commercialization. The platform has engaged **1500+ participants** and enabled **300+ startup** pitches, creating meaningful avenues for innovators to present high-potential solutions. With **75 startups** incubated through structured mentorship, infrastructure support, and ecosystem linkages, SPRINT continues to strengthen India's deeptech landscape. Backed by cumulative support exceeding **₹3 crore,** the program plays a pivotal role in advancing breakthrough technologies and enabling founders to progress confidently from ideation to successful commercialization.

IIT ROPAR (iHub - AWADH)

SPRINT

Revolutiionising Deep-Tech Ecosystem

12 Sept 2023
West Edition (MH)
22 August 2023
North Edition (J&K)
10,11 Sept 2023
North Edition (Uttarakhand)
11, 12 Sept 2023
East Edition (Odisha, North East)
15 Sept 2023
South Edition (KA)
30 Sept 2023

Southest (Banglore)
5 March 2023
West Edition (Pune)
2 April 2024
North East Edition (Agartala)
05 April 2024
North Edition (Uttar Pradesh)
05 March 2025
South Edition (Hyderabad)
25-26 July 2025
North Edition (Haryana)
12 September 2025

SPRINT (Editions: 14)

Strategic Program for Research Innovation and Next-Gen Tech Commercialization

300+	1500+	93	14	3.5Cr+
Startup Pitch	Participants	Incubated	Editions	

Partners

- ACIC Rise, PU
- SKUAST J&K
- KVV MH
- UPES , Uttarakhand
- AIC Nalanda, Odisha
- Headstart, Karnataka
- NIT Agartala
- CUPB, Bathinda
- Factoryal

Advancing Agriculture: Transforming Agri-tech, Smart Farming, Water Management, and Advanced Irrigation Techniques for Sustainable Agriculture

Strategic Program for Research Innovation and Next-Gen Tech-Commercialisation (SPRINT)

SPRINT accelerates research ideas of innovators, researchers, and aspiring entrepreneurs interested in building startups or seeking support for Tech commercialization. It offers resources, mentoring, lab access, funding, and international collaborations, emphasizing innovation, development, and tech commercialization. SPRINT is a research-preneur incubation program for those entering the startup ecosystem, supporting ICPS research ideas in DeepTech, hardware, and software R&D. Under the SPRINT Initiative, iHub – AWaDH provides support to: a) Research Ideas for Startup at an early stage; and b) Technology Projects for Validation, Upgradation and Commercialisation.

Maharashtra

Bhubaneshwar, Odisha

Punjab

Tripura

Jammu & Kashmir

Uttarakhand

Punjab

Uttar Pradesh

Pantnagar

Agartala

Hyderabad

Haryana

About Sprint South Edition, Hyderabad

25th - **26th** July 2025, Geenovate Foundation, Hyderabad

iHub – AWaDH IIT Ropar successfully hosted the **SPRINT South Edition** in Hyderabad, Telangana, on **25th and 26th July 2025**. This two-day event was designed to amplify Southern India's entrepreneurial energy, providing an enabling platform for innovators, startups, and student founders to showcase ideas, receive mentorship, and connect with potential investors. In collaboration with **Geenovate Foundation,** the SPRINT South Edition became a vibrant hub of innovation blending thought leadership, startup pitching, and hands-on learning through curated sessions and masterclasses.

Dr. Radhika Trikha, CEO of IIT Ropar TIF – iHub AWaDH, shared insights on how iHub AWaDH is catalyzing innovation in the fields of **agriculture and water technology**. She emphasized AWaDH's pivotal role in empowering startups, students, and researchers by transforming their innovative ideas into impactful real-world solutions. As a Technology Innovation Hub under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), AWaDH is actively fostering DeepTech advancements, enabling critical infrastructure, and promoting collaborative opportunities to address key challenges faced by rural and farming communities. Through strategic partnerships, structured mentoring, and targeted funding programs, AWaDH continues to nurture a dynamic innovation ecosystem that translates cutting-edge research from **lab to land,** reinforcing its mission to build a sustainable and technology-driven future for India's agricultural landscape.

The edition also featured insightful discussions with experts from **partner incubators, industry mentors,** and **investors,** who shared strategies on building scalable business models, validating innovative ideas, and navigating early-stage entrepreneurial challenges. Sessions focused on practical frameworks for product development, market validation, and access to pilot opportunities within the AWaDH network.
With the participation of over **50** innovators, researchers, and ecosystem leaders, the event served as a platform for learning and collaboration.

Highlights of activites at SPRINT South Edition

Mr. Kamal K. Malhotra moderated an engaging fireside chat focused on the common mistakes founders should avoid while building their startups. The session brought together experienced industry leaders, including Mr. Ravinder Yadav, Mrs. Annie Vijaya, and two other distinguished panelists, who shared valuable real-world insights from their entrepreneurial journeys. The discussion delved into crucial aspects such as strategic decision-making, effective team building, avoiding fundraising pitfalls, and maintaining product-market fit, offering participants a holistic view of early-stage challenges. Panelists highlighted the importance of clarity in vision, strong execution strategies, and customer-centric innovation as key drivers of startup success. The conversation also underscored the need for adaptability, resilience, and continuous learning in a founder's journey, inspiring participants to embrace challenges as opportunities for growth. Overall, the session served as an insightful and practical guide for emerging entrepreneurs seeking to build sustainable and scalable ventures.

Dr. M.K. Kaushik delivered an insightful session at Geenovate Foundation on the art and importance of perfect pitching in securing funding for startups. During the session, participants including students and aspiring entrepreneurs gained valuable knowledge on how to craft compelling pitch decks, communicate their value propositions effectively, and tailor their messages to meet investor expectations. Dr. Kaushik emphasized the role of storytelling, clarity, and structured delivery in creating impactful pitches. The session also covered key components of a successful pitch, common mistakes to avoid, and real-world examples, offering participants a well-rounded understanding of how to confidently present their ideas to potential stakeholders and investors.

SPRINT SOUTH EDITION FUNDED STARTUPS

CropSync Private Limited

Startup Name: CropSync **State:** Telangana
TRL 7 **Revenue:** 20,000

Arthimend Herbals LLP Pvt. Ltd.

Startup Name: Arthimend Herbals LLP **State:** Andhra Pradesh
TRL 5 **Revenue:** Not Generated Yet

Khetbox Pvt. Ltd.

Startup Name: Khetbox **State:** Telangana
TRL 3 **Revenue:** Not Generated Yet

Sarvadhara Tech Innovations Pvt Ltd

Startup Name: Sarvadhara Tech Innovations **State:** Andhra Pradesh
TRL 6 **Revenue:** 1,30,000

Smartfeed+ Pvt. Ltd.

Startup Name: Smartfeed+ **State:** Telangana
TRL 3 **Revenue:** Not Generated Yet

Veenero Sustainable Solutions

Startup Name: Veenero Sustainable Solution **State:** Telangana
TRL 5 **Revenue:** Not Generated Yet

SPRINT SOUTH EDITION FUNDED STARTUPS

Surakshavata Innovations Pvt Ltd

Startup Name: Surakshavata Innovations **State:** Telangana
TRL No **Revenue:** Not Generated Yet

Agsync Pvt. Ltd

Startup Name: Agsync **State:** Karnataka
TRL 8 **Revenue:** 2 - 5 Lakh

Aeroforge Labs Pvt Ltd

Startup Name: Aeroforge Labs **State:** Telangana
TRL 5 **Revenue:** > 10 Lakhs

Speakers & Mentors

Mr. M. Naveen Kumar
Assistant Director
MSME - Govt. of India, Hyderabad

Dr. Radhika Trikha
Chief Executive Officer
IIT Ropar (iHub - AWaDH)

Dr. Mukesh kestwal
Chief Innovation Officer
IIT Ropar (iHub - AWaDH)

Dr. M.K Kaushik
Director
Innovation & Entrepreneurship (SVES)

Mr. Kamal Kishore Malhotra
Chief Executive Officer
GIC - RISE

Mrs. Annie Vijaya
Director, WE-Enable
WE Hub

Mr. Ravindra Yadav
Chief Executive Officer
ACIC GIETU

Dr. Shruti Bhargava
Chief Executive Officer
Ascend - SNIST

Ms. Anupam Pandey
Early stage Investments and
Scaling Anthill Ventures

Mr. Vijender Mogili
Manager - Social Entrepreneurship
Balavikasa - CSRB

Mr. M. Saikiran
Manager
VIBA

Mrs. Swathi Anandam
Sr. Manager - Incubation
JNTUH Innovation Foundation

EVENT GALLERY

SPRINT SOUTH EDITION STARTUP ONE PAGER

CropSync Pvt. Ltd

www.cropsync.in

CropSync Pvt Ltd is an AgriTech startup building a smart, kiosk-driven crop advisory platform that delivers personalized, data-backed recommendations to farmers in their local language. Founded in 2024, CropSync integrates AI-based crop advisory, field profiling, and real-time decision support to help farmers improve productivity and reduce crop losses. Through its digital kiosks and mobile interface, the platform ensures last-mile accessibility, especially for rural and underserved farming communities. With successful pilot trials and growing farmer adoption, CropSync is emerging as a scalable, technology-driven solution for climate-smart agriculture in India.

Core Technology
RFID Kiosk

Brand Name
CropSync

Year of Start
2024

Industry / Sector
AgriTech

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
2,00,000

Instrument
Grant

Sarvadhara tech innovations Pvt. Ltd

Sarvadhara Tech Innovations Pvt. Ltd., An Aquatech venture Focussed AI-powered shrimp quality assessment and grading system to replace manual, inaccurate, labour-heavy grading. Trained with a custom model and built through deep domain research (8+ years in aquaculture), This product delivers fast, accurate multi-class detection, orientation analysis, and automated reporting. Available in three hardware variants (E, E++, S) and a ₹699/month SaaS model, it targets 1,20,000 farmers and 350 processing units, representing a market potential of ₹800–1,000 crores. Backed by incubations, awards, and strong mentorship, the product's affordability, accuracy, and scalability make it a transformative solution for aqua farmers, graders, and processing units aiming to reduce losses and improve operational efficiency.

Core Technology
A Deep tech vision based mechanical product

Brand Name
Sarvadhara(Product "SAAMRAS")

Year of Start
2024

Invested by AWaDH
2,00,000

Industry / Sector
Sea Food processing/ Aquaculture

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
2,00,00

Instrument
Grant

SPRINT SOUTH EDITION STARTUP ONE PAGER

Smartfeed+ Pvt. Ltd

SMARTFEED+, developed by PRAGNYA SMART TECHNOLOGIES LLP, is an innovative, RFID-controlled precision feeding system designed to maximize profitability and reduce the environmental impact of dairy farming. The product is made by integrating a high-accuracy, load cell-based dosing mechanism with a secure animal identification system, creating a platform for tailored nutritional delivery. SMARTFEED+ works through individual identification, gram-level feed measurement, and data logging. It offers a sustainable, efficiency-driven approach to dairy management, making precision feeding technology accessible for small and medium farms.

SmartFeed+
Har chara smart, har saans saaf

Core Technology
Precision Dosing

Brand Name
SMARTFEED+

Year of Start
2025

Industry / Sector
Agri-Tech

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Not Filed

Grants
2,00,000

Instrument
No

Arthimend Herbals LLP Pvt. Ltd

Renergie H2O, developed by Arthimend Herbals LLP, is an innovative biochar-based probiotic water purification media designed to naturally remove pollutants and restore water quality .
The product is made by converting the invasive aquatic plant water hyacinth (Eichhornia crassipes) into high-porosity biochar through controlled pyrolysis. This eco-friendly biochar is then enriched with Effective Microorganisms (EM)—a consortium of beneficial bacteria and yeasts—creating a living, biologically active filtration medium.
Renergie H2O works through adsorption, microbial bioremediation, and ecological rebalancing.
It offers a sustainable, circular-economy-driven approach to water purification, making clean water management accessible for all.

ARTHIMEND HERBALS

Core Technology
Waste Water Management

Brand Name
Renergie_H20

Year of Start
2025

Invested by AWaDH
2,00,000

Industry / Sector
Waste Water Management

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
2,00,000

Instrument
No

Khetbox Pvt. Ltd

KhetBox Pvt. Ltd is an Agri-Tech startup developing innovative HybridStorage technology to improve efficiency in agricultural workflows. The company focuses on enhancing farm-level storage and management through smart, technology-driven solutions designed to support farmers' operational needs. Although KhetBox has not yet filed IPs or raised additional external funding, it continues to strengthen its technological foundation and progress toward scalable deployment within the agriculture sector.

Core Technology
HybridStorage

Brand Name
KhetBox

Year of Start
2025

Industry / Sector
Agri-Tech

Woman Founder
Yes

Invested by AWaDH
2,00,000

IPs Filed / Granted:
No

TRL
3

Funds Raised
No

Instrument
No

Veenero Sustainable Solutions Pvt. Ltd

www.veenerosolutions.com

Veenero Sustainable Solutions Pvt. Ltd. is a climate-tech and water conservation startup dedicated to building smarter, sustainable water infrastructure for communities and institutions. Inspired by real challenges observed in rural and urban water systems, Veenero develops technologies that address leakage, poor tracking, and inefficient water usage.

Our core innovation, Aqua Saver, is an IoT-enabled leak detection and water management device that monitors flow, water quality, and consumption patterns in real time. Supported by an advanced analytics platform, Aqua Saver identifies leakage points, automates motor/pump operations, provides usage insights, and rewards conservation through a water credit system

Core Technology
IoT Hardware + Smart Sensors

Brand Name
Aqua Saver

Year of Start
2023

Invested by AWaDH
250,000

Industry / Sector
Water Management & Conservation

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Not filed

Grants
250,000

Instrument
No

Agsync Pvt. Ltd

We work at the intersection of space technology and agriculture, delivering time-based, actionable solutions to farmers. By leveraging remote sensing and satellite data, we provide accurate insights on crop health, soil conditions, and resource management. Our approach helps farmers make informed decisions, improve productivity, and reduce risks. Through advanced space-based applications, we aim to transform agriculture with timely, data-driven support tailored to farmers' real needs.

Core Technology
Agri tech

Brand Name
Agsync

Year of Start
2024

Industry / Sector
Agri-Tech

Woman Founder
Yes

Invested by AWaDH
3,00,000

IPs Filed / Granted:
No

TRL
8

Funds Raised
No

Instrument
No

Aeroforge Labs Pvt Ltd

www.aeroforge.in

Aeroforge Labs is developing autonomous drones equipped with advanced vision intelligence systems. Our drones are designed to deliver real-time data-driven insights across diverse sectors. In precision agriculture, we enable optimized crop monitoring and resource management. For civil Structural Health Monitoring (SHM), our systems provide detailed inspection and analysis of infrastructure for preventive maintenance. In defence surveillance, our AI-powered drones offer enhanced situational awareness and operational efficiency in complex terrains. With a focus on scalability, adaptability, and innovation, Aeroforge Labs is redefining aerial intelligence for mission-critical applications across agriculture, infrastructure, and national security.

Core Technology
Ai Enabled UAVs for Precision Agriculture

Brand Name
KrishiMetric

Year of Start
2024

Invested by AWaDH
3,00,000

Industry / Sector
Aerospace / Avionics

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
No

Grants
3,00,000

Instrument
No

SPRINT SOUTH EDITION STARTUP ONE PAGER

Surakshavata Innovations Pvt Ltd

We have developed a sensor-based IoT safety device that detects LPG gas leaks and automatically shuts off the gas supply using a solenoid valve. To ensure maximum protection, the system instantly activates a light indicator, buzzer, and exhaust fan to alert the surroundings. Complementing the device, our mobile application enables real-time gas monitoring and sends immediate notifications during any leakage event, offering users a reliable, automated, and smart safety solution for homes and industries.

Core Technology
IoT-Based Gas

Brand Name
GazSentinel

Year of Start
2024

Industry / Sector
IoT / Deep-Tech / Hardware Tech / Tech

Woman Founder
No

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
3,00,000

Instrument
No

Sustainable Future

AgriJoy Private Limited

A Startup from IIT Ropar, into Hydro-phonics

शिक्षा मंत्रालय MINISTRY OF EDUCATION | विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY | इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY | IIT ROPAR (iHub - AWADH) SPRINT NORTH EDITION HARYANA

भारतीय प्रौद्योगिकी संस्थान रोपड़
Indian Institute of Technology Ropar

SPRINT NORTH EDITION

Empowering startups to innovate, collaborate, and lead the future

12 September 2025, IILM University Gurugram, Haryana

Partners

people@ihub-awadh.in

www.ihub-awadh.in

About SPRINT North Edition – Haryana

The **SPRINT North Edition 2025** was proudly hosted by the **IIT Ropar Technology and Innovation FOundation (iHub - AWaDH)** at **IILM University, Gurugram,** serving as a grand celebration of India's DeepTech excellence and a launchpad for the next wave of innovation. Organized under the flagship initiative "100 Startups 100 Days" of IIT Ropar, the program brought together visionary innovators, entrepreneurs, investors, policymakers, and industry leaders on a common platform to accelerate India's leadership in DeepTech innovation. The SPRINT North Edition 2025 was graced by a **Smt. Rekha Sharma,** Hon'ble Member of Parliament, Rajya Sabha & Former Chairperson, National Commission for Women, as the **Chief Guest**.

The event featured powerful keynotes, dynamic panel discussions, startup showcases, and high-impact networking sessions, sparking collaborations and knowledge exchange across emerging sectors. Discussions focused on the transformative role of **AI, AgriTech, and ClimateTech** in shaping India's innovation landscape. By convening thought leaders, innovators, and investors under one roof, the SPRINT North Edition 2025 further strengthened the vision of 100 Startups 100 Days—to empower founders, scale DeepTech ventures, and drive sustainable innovation across India.

Chief Guest – Smt. Rekha Sharma

Hon'ble Member of Parliament (Rajya Sabha) and Former Chairperson of the National Commission for Women

The Indian Institute of Technology Ropar successfully hosted the **SPRINT North Edition 2025** at **IILM University, Gurugram**, marking a vibrant celebration of India's entrepreneurial energy, deep-tech innovation, and startup excellence.

The event was graced by **Smt. Rekha Sharma,** Hon'ble Member of Parliament (Rajya Sabha) and Former Chairperson, National Commission for Women (NCW), who attended as the Chief Guest. She was warmly welcomed by Dr. Radhika Trikha, CEO, iHub - AWaDH @ IIT Ropar, and delivered an inspiring keynote address that resonated with entrepreneurs, innovators, and changemakers alike.

In her address, Smt. Rekha Sharma highlighted IIT Ropar's leadership in advancing science, research, technology, and entrepreneurship. She emphasized the transformative role of AgriTech, R&D, cooperative farming, soil and weather intelligence, and farmer-centric innovations in driving India's sustainable growth. She further underscored the importance of empowering farmers through innovation, research, and technology adoption to strengthen India's agricultural backbone for the future.

Mr. Kishan Goenka

Chairperson of WHEELS Global Foundation

Mr. Kishan Goenka, Chairperson, WHEELS Global Foundation – North India & Water Council, emphasized the transformative role of the Indian Institute of Technology, Ropar's alumni network and the Pan IIT vision in advancing India's innovation and startup landscape. He highlighted how IIT Ropar's strong alumni connect and institutional partnerships are instrumental in nurturing entrepreneurial ventures and translating research into real-world impact.Mr. Kishan Goenka further noted that through the Pan IIT collaborative framework, IIT Ropar and the WHEELS Global Foundation are jointly building ecosystems that integrate technology, innovation, and societal development.

Inaugural Panel

Inauguration Session

The **SPRINT North Edition 2025** was inaugurated in the presence of an esteemed panel of dignitaries and leaders who set the tone for an engaging and impactful program. The inaugural ceremony was graced by **Dr. Ravi Kumar Jain,** Director, School of Management, IILM University, Gurugram, and **Dr. Padmakali Banerjee,** FRSA (London), Vice Chancellor, IILM University, Gurugram, who welcomed the gathering and emphasized the importance of fostering academia–industry partnerships to strengthen India's innovation landscape.

Ms. Tanushri Sharma, Scientist 'C', Department of Science & Technology (DST), Government of India – NM-ICPS, highlighted the Government of India's continued efforts to promote research, technology commercialization, and entrepreneurship through the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).

Dr. Radhika Trikha, CEO, iHub - AWaDH @ IIT Ropar, set the context for the program and underscored the significance of the SPRINT North Edition as a national platform connecting innovators, investors, startups, and industry leaders to accelerate India's journey toward global startup leadership.

Dr. Mukesh Kestwal, Ph.D., Chief Innovation Officer, iHub - AWaDH @ IIT Ropar, also addressed the gathering, emphasizing the role of collaborative innovation and deep-tech ecosystems in empowering early-stage startups and driving sustainable technological advancement.

The session laid a strong foundation for the day, celebrating the spirit of innovation, entrepreneurship, and collaboration that defines the 100 Startups 100 Days initiative.

Panel Discussions

Beyond Borders: Unlocking the Future of DeepTech Investment

Panel Discussion: Investment and DeepTech – Shaping India's Innovation Future

A distinguished panel discussion on **"Investment and DeepTech"**, moderated by **Mr. Santosh Sharma**, Founder & CEO, BookMyJet, explored the evolving landscape of innovation, investment, and collaboration in India's emerging deep-tech ecosystem. The session brought together a diverse group of global and national experts who shared valuable perspectives on enabling sustainable growth through technology and strategic partnerships.

- **Ms. Maya Sherman,** Innovation Attaché, Embassy of Israel in India, highlighted the importance of cross-border collaborations and shared insights into Israel's thriving startup ecosystem and emerging innovation domains.
- **Ms. Nemesisa Ujjain,** Vice President & Head, The Circle: Founders Club, spoke about building global innovation hubs and strategies for scaling Indian deep-tech ventures to international markets.
- **Ms. Neha Malhotra,** Founder & Managing Partner, MeritX Ventures, discussed investment mechanisms that drive sustainable innovation and support startups in accessing global opportunities.
- **Mr. Mayank Kumar,** Lead – DeepTech & Investor Partnerships, NASSCOM, provided insights into India's expanding deep-tech landscape, investor engagement models, and pathways for scaling high-potential ventures.
- **Mr. Himanshu Joshi,** Program Lead, Atal Innovation Mission (AIM), NITI Aayog, emphasized the critical role of government initiatives and advanced lab infrastructure in nurturing deep-tech entrepreneurship and fostering innovation-led development.

The discussion underscored the collective efforts required from investors, policymakers, academia, and industry leaders to strengthen India's position as a global hub for deep-tech innovation.

Founder's Talk

Inspiring the Next Generation of Innovators

Founders' Talks: Inspiring the Next Generation of Innovators

The **SPRINT North Edition 2025** featured a series of inspiring **Founder Talk,** offering valuable insights from visionary leaders who have redefined innovation and entrepreneurship in India.

Dr. Preet Sandhu, Founder & Managing Director, AVPL International, delivered an engaging address highlighting the role of entrepreneurship and innovation as the cornerstones of India's growth journey. She emphasized that startups are not only engines of economic development but also catalysts for social transformation, particularly in empowering farmers and advancing India's global innovation narrative.

In another Founder Talk, **Mr. Khalid Wani,** Founder & CEO, KWCG, shared his perspective on entrepreneurship as the driving force behind transformation. He urged young innovators to dream ambitiously, take calculated risks, and build ventures that generate both economic and social impact.

"Entrepreneurship is about sparking change—every startup can shape industries and empower communities," — Mr. Khalid Wani

The day unfolded with insightful keynotes, engaging panel discussions, dynamic startup pitches, and extensive networking opportunities, all contributing to the event's mission of igniting bold ideas, fostering collaborations, and driving innovation across AI, AgriTech, CleanTech, and emerging technology domains.

Launches

Special Launch DTC Accelerate

At the SPRINT North Edition 2025, several strategic initiatives were launched to strengthen India's innovation ecosystem and accelerate the nation's deep-tech transformation. These impactful launches marked a new chapter in advancing sustainable technology and entrepreneurship.

DTC Accelerate – ClimateTech (Agri & Water Tech): A collaborative cohort launched in partnership with NASSCOM, focused on developing and scaling cutting-edge solutions in agriculture and water technology. This initiative aims to address some of India's most pressing climate challenges through innovation, deep-tech applications, and cross-sector collaboration.

AWaDH Progress Report Launch

The AWaDH Progress Report was officially unveiled during the SPRINT North Edition 2025, marking a significant milestone in IIT Ropar's journey toward strengthening India's innovation and startup ecosystem. The report highlights the remarkable growth, key achievements, and measurable impact of iHub - AWaDH, IIT Ropar in advancing deep-tech research, fostering entrepreneurship, and enabling technology-driven societal transformation. The Progress Report captures this evolution from incubation support and mentorship to prototype development, pilot deployments, and commercialization.

Newsletter Launch and Innovation Highlights

The Newsletter of IILM Innovation Lab was officially unveiled. Conceived as a knowledge-sharing platform, the newsletter aims to capture insights, success stories, and thought leadership from innovators, startups, ecosystem partners, and academic collaborators. This initiative represents a step forward in strengthening collaboration, communication, and visibility within India's growing innovation network.

SPRINT NORTH EDITION FUNDED STARTUPS

Nehkhilesh Technologies Pvt. Ltd.

Startup Name: Nehkhilesh Technologies **State:** Delhi
TRL 4 **Revenue:** Not Generated Yet

Power Research Consulting Pvt. Ltd

Startup Name: Power Research Consulting **State:** Himachal Pradesh
TRL 6 **Revenue:** Not Generated Yet

Gatisheel Agritech Pvt. Ltd.

Startup Name: Gatisheel Agritech **State:** Haryana
TRL No **Revenue:** Not Generated Yet

Climagro Analytics Pvt. Ltd

Startup Name: Climagro Analytics **State:** Uttar Pradesh
TRL 6 **Revenue:** Not Generated Yet

Chematico Technologies Pvt. Ltd

Startup Name: Chematico **State:** Punjab
TRL 6 **Revenue:** 5 - 10 Lakhs

Speedybyte Private Limited

Startup Name: Speedybyte **State:** Punjab
TRL 5 **Revenue:** Not Generated Yet

Palanam Technology Pvt. Ltd.

Startup Name: Palanam **State:** Delhi
TRL 4 **Revenue:** Not Generated Yet

Clim Ma Tech Pvt. Ltd.

Startup Name: Clim Ma Tech **State:** Himachal Pradesh
TRL 7 **Revenue:** Not Generated Yet

SPRINT NORTH EDITION FUNDED STARTUPS

Jiyaxo G Techno Pvt. Ltd.

Startup Name:	Jiyaxo G Techno	**State:**	Delhi
TRL	4	**Revenue:**	Not Generated Yet

Kibbutz Agrifood Pvt. Ltd

Startup Name:	Kibbutz Agrifood	**State:**	Maharashtra
TRL	5-6	**Revenue:**	2 - 5 Lakhs

SHIVAPRIYA FARMS Pvt. Ltd.

Startup Name:	Shivapriya Farms	**State:**	Haryana
TRL	5	**Revenue:**	Not Generated Yet

KrishiGRO (a unit of Uvera Mobility Pvt. Ltd.)

Startup Name:	KrishiGRO	**State:**	Delhi
TRL	6	**Revenue:**	Not Generated Yet

Palanam Technology Pvt. Ltd

www.palanam.com

Palanam Technology Private Limited, a start-up Company in Delhi developing state-of-the-art technology solutions. It is an online content monitoring solutions that help mask out / blur or skip instances of violent content , child sexual abuse materials (CSAM) in online multimedia content.
The software can also be offered directly to the client on a subscription basis

Core Technology
AI, Deep learning, video Analytics

Brand Name
Censhield, Rakshak

Year of Start
2022

Industry / Sector
Deep Tech

Invested by AWaDH
Yes

TRL
4

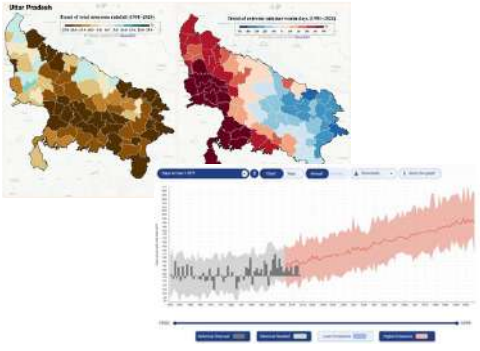
IPs Filed / Granted:
Granted

Grants
80,000

Investment Instrument
Grant

Climagro Analytics Pvt. Ltd

www.climagroanalytics.com



ClimAgro Analytics is a research-driven AI startup specializing in climate risk intelligence. We transform vast climate, agriculture, and socio-demographic datasets into crop- and location-specific projections and ready-to-use climate datasets.
Our platforms – AgRI.ai and Climatics – help farmers, insurers, agribusinesses, ESG companies, and governments anticipate risks, reduce losses, and plan resilient strategies across agriculture, water, and urban systems.
Vision: To strengthen climate adaptation and resilience across agriculture and other climate-sensitive sectors.

Core Technology
AI-Powered Climate Risk Modeling

Brand Name
AgRI.ai

Year of Start
2023

Industry / Sector
Climate-Tech

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
3,00,000

Investment Instrument
Grant

Chematico Technologies Pvt. Ltd

www.krishigro.in

KrishiGRO is at the forefront of AgriEV machinery research and development, driving innovation in clean, efficient, and affordable farming solutions. We are committed to building a new era where technology meets tradition. Our vision is to empower 1 crore+ marginal and small-scale farmers by 2035 with eco-friendly, affordable, and high-performance agricultural machinery, starting with our battery-powered and solar charging compatible Bheem 1.0 Agri eMUV. We aim to build an across-the-globe ecosystem for sustainable farm mechanization that significantly reduces operational costs, diesel dependence, and carbon emissions in agriculture.

Core Technology
Electric Multi-Utility Vehicle

Brand Name
KrishiGRO

Year of Start
2024

Industry / Sector
AgriTech

Woman Founder
Yes

Grants
2,00,000

IPs Filed / Granted:
Filed

TRL
6

Invested by AWaDH
2,00,000

Nehkhilesh Technologies Pvt. Ltd.

nehkhileshtechnologies.com

We are building next generation of electric propulsion systems for watercrafts and autonomous watercrafts for transportation, surveys, surveillance and security of inland waterways and territorial waters.

We are visualizing a future where Indian rivers and coasts are bustling with autonomous electric boats, transporting both passengers and goods, and autonomous naval crafts are protecting territorial waters while saving lives with minimal human intervention. And to realize this vision we are building a complete technology stack to transform any watercraft into an electric and/or autonomous watercraft.

Core Technology

- Proprietary autonomous guidance, navigation and control system
- Proprietary axial flux BLDC motor powered propulsion systems

Brand Name
Nehkhilesh

Year of Start
2024

Industry / Sector
Marine Engineering Innovation

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
3,00,000

Investment Instrument
Grant

Jiyaxo G Techno Pvt. Ltd

jiyaxo.co.in

Jiyaxo G Techno Pvt. Ltd. is an agri-tech startup developing Li-ion battery-powered portable water pumps and the JGT Air Sprayer (500L capacity) to make farming more efficient, affordable, and eco-friendly. Our solutions reduce diesel dependency, cut operational costs by 40%, save time, and lower chemical usage. With plans to integrate IoT-enabled precision features, we aim to empower small and marginal farmers with sustainable technology that boosts productivity while reducing carbon emissions.

Core Technology
Technical block

Brand Name
Li-on powered water pump set (mukti)

Year of Start
2023

Industry / Sector
Agriculture / manufacturing

Grants
5,00,000

Invested by AWaDH
80,000

IPs Filed / Granted:
Filed

TRL
4

Funds Raised
4,00,000

Power Research Consulting Pvt. Ltd

Power Research Consulting is developing Project Varuna, a cutting-edge aquatic drone that revolutionizes water quality monitoring through autonomous operation, advanced sensors, and AI-powered analytics. It provides governments, industries, and researchers with an affordable and adaptable Autonomous Underwater Vehicle (AUV) platform for environmental monitoring, wastewater management, and aquaculture.

Core Technology
Autonomous Underwater & Surface Vehicle

Brand Name
PVARUNA

Year of Start
2023

Industry / Sector
Energy | Environment

Invested by AWaDH
Yes

TRL
6

IPs Filed / Granted:
Filed

Grants
8,60,000

Investment Instrument
Grant

GATISHEEL
Manage Remotely

Gatisheel Agritech Pvt. Ltd.

www.gatisheel.com

Gatisheel is innovative technology led startup. Our expertise lies in the automation of water management assets using IoT, Data and Cloud via our propreitory desktop platform and mobile app.
Our key differentiators include real-time fault alerts and resolution, role-based asset access, multiple devices automation in one platform (SCADA), and real-time water & energy consumption and analytics.
Our major customers include industrial houses, Municipal corporations and Jal Vibhag department. We have successfully completed division level water supply and irrigation projects and received the performance certificate for efficient, productive and cost effective operations.

Core Technology
IoT, Cloud, Data Analytics

Brand Name
Gatisheel

Year of Start
2023

Industry / Sector
Automation / IoT & Data

Woman Founder
Yes

Invested by AWaDH
Yes

IPs Filed / Granted:
Filed

Grants
250,000

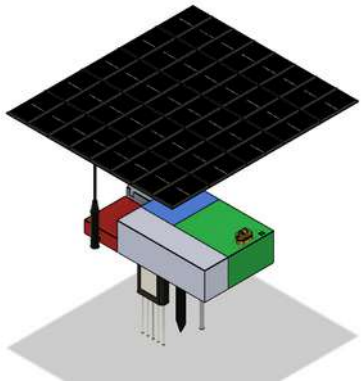
Investment Instrument
Grant

Kibbutz
Aasman se Khet tak

Kibbutz Agrifood Pvt. Ltd.

www.kibbutzsat.com

Kibbutz Agrifood Pvt Ltd is an agritech & agri-space startup developing IoT-enabled soil sensor devices and UAV/Drone platforms for precision agriculture. By combining satellite, drone and ground-sensor data, we deliver real-time soil health, crop monitoring, and actionable insights to farmers, agri-enterprises and governments, enabling higher yields, efficient water use and reduced input costs.



Core Technology
IoT+ UAV/Drone + Satellite Analytics

Brand Name
Kibbutz – Aasman se Khet Tak

Year of Start
2024

Industry / Sector
Agritech/Agrispace

Invested by AWaDH
2,00,000

TRL
6

IPs Filed / Granted:
Granted

Grants
2,00,000

Investment Instrument
Grant

SPEEDYBYTE

Speedybyte Services Pvt. Ltd.

www.speedybyte.co.in

SpeedyByte Services Pvt. Ltd. is building a next-generation AI-powered navigation stack designed to make autonomous robots affordable, efficient, and adaptable across industries. By combining advanced perception, intelligent mapping, and cost-effective hardware integration, our stack reduces reliance on expensive sensors and enables robots to operate reliably in dynamic environments.

Core Technology
Computer Vision,Low latency Comms

Brand Name
Speedybyte

Year of Start
2023

Industry / Sector
Robotics & Automation

Grants
1,00,000

Invested by AWaDH
Yes

IPs Filed :
Filed

TRL
5

Funds Raised
14,00,000

ClimaMaTech Pvt. Ltd.

www.climmatech.com

A climate-tech startup building AI and IoT-powered solutions for disaster management and risk mitigation. Our platform combines real-time river monitoring, water flow models, and machine learning predictions into one digital system to provide early warnings, risk maps, and decision tools for floods and severe weather, helping to improve readiness, enhance emergency responses, and safeguard at-risk people and infrastructure. By combining climate intelligence with actionable disaster response tools, we help governments and communities reduce risks, protect lives, and strengthen climate resilience.

Core Technology
IoT, AI/ML, Digital Twin

Brand Name
VisiFlow Tech

Year of Start
2025

Industry / Sector
Climate-tech; Disaster

Invested by AWaDH
Yes

TRL
7

IPs Filed :
Filed

Grants
3,50,000

Investment Instrument
Grant

KrishiGRO (a unit of Uvera Mobility Pvt. Ltd.)

www.krishigro.in

KrishiGRO is at the forefront of AgriEV machinery research and development, driving innovation in clean, efficient, and affordable farming solutions. With a strong focus on green energy, power efficiency, and waste management, we are committed to building a new era where technology meets tradition. Our vision is to empower 1 crore+ marginal and small-scale farmers by 2035 with eco-friendly, affordable, and high-performance agricultural machinery.

Core Technology
Agri Electric Multi-Utility Vehicle (eMUV)

Brand Name
KrishiGRO

Year of Start
2023

Industry / Sector
AgriTech

Grants
2,00,000

Invested by AWaDH
2,00,000

IPs Filed :
Filed

TRL
6

Investment Instrument
Grant

SHIVAPRIYA FARMS Pvt. Ltd.

Parvati Farm is building India's first women-led, IoT-enabled, fully traceable micro-dairy network designed to empower rural women with modern agri-tech capabilities. The model integrates IoT-based monitoring to track livestock health, milk yield, and cold-chain quality in real time, ensuring consistent and high-grade dairy output. Each unit is supported by biogas-powered cold storage and transport, reducing post-harvest losses while promoting clean and affordable energy use. Consumers receive direct-to-home delivery with QR-code traceability, allowing them to view the complete journey of their milk—from farm to household—enhancing trust and transparency. Through structured training, ownership opportunities, and handholding support, Parvati Farm enables rural women to operate profitable, sustainable, and tech-driven micro-dairy enterprises, transforming them into agri-entrepreneurs and strengthening local rural economies.

Core Technology
Agritech

Brand Name
Parvati Farm

Year of Start
2023

Industry / Sector
Agritech

Invested by AWaDH
Yes

TRL
5

IPs Filed :
Filed

Grants
2,00,000

Investment Instrument
Grant


SPRINT
GENESIS
IILM UNIVERSITY


भारतीय प्रौद्योगिकी संस्थान रोपड़
Indian Institute of Technology Ropar
and
University, Gurugram


PRINT


Startup
Days

India and Israel: united by vision, strengthened by innovation, and driven by friendship










MEDIA COVERAGE

ਆਈਆਈਟੀ ਰੋਪੜ ਦੇ 100 ਸਟਾਰਟ ਅਪਸ 100 ਦਿਨ ਮੁਹਿੰਮ ਦੀ ਸ਼ੁਰੂਆਤ

The News Mill

IIT Ropar empowers startups: SPRINT North Edition under '100 Startups 100 Days' initiative inaugurated at IILM University, Gurugram

ANI

IIT Ropar empowers startups: SPRINT North Edition under '100 Startups 100 Days' initiative inaugurated at IILM University, Gurugram

The Tribune

ugram Hosts North Edition of IIT Ropar's SPRINT, Driving Dialogue on India's DeepTech Futur

IIT Ropar Empowers Startups: SPRINT North Edition Under '100 Startups 100 Days' Initiative Inaugurated at IILM University, Gurugram

IIT Ropar empowers startups: SPRINT North Edition under '100 Startups 100 Days' initiative inaugurated at IILM University, Gurugram

In India's startup journey was marked on Friday with the inauguration of the SPRINT North Edition under the "100 Startups 100 Days" initiative of IIT Ropar, powered by IIT Ropar TIF (iHub - AWaDH, a DST Technology Innovation Hub under NM-ICPS), ANNAM.AI (CoE For AI in Agriculture by Ministry of Education) and TBIF.

MEDIA COVERAGE

#100startups100days #sprint #ai #agritech #cleantech #healthtech #watertech #deeptech...

#100Startups100Days | #SPRINT North Edition 2025 – Igniting the Future of Innovation in India This flagship...

linkedin

#100startups100days #sprint #startups #investors #policymakers #ecosystem #entrepreneur #innovat...

#100Startups100Days | Smt. Rekha Sharma at #SPRINT North Edition 2025 – Farmers, Innovation & India's...

linkedin

#100startups100days #sprint #sprint #deeptech #ai #agritech #cleantech #sprint #100startups100days...

#100Startups100Days | #SPRINT North Edition 2025: Igniting India's Deep-Tech Future Indian Institute of...

linkedin

#100startups100days #sprint #deeptech #innovation #innovators #entrepreneurs #investors #panel #al...

#100Startups100Days | Mr. Kishan Goenka at #SPRINT North Edition 2025: Catalyzing Innovation with Indian...

linkedin

#100startups100days #sprint #entrepreneurship #innovation #deeptech #innovators #entrepreneurs...

#100Startups100Days | Dr. Preet Sandhu at #SPRINT North Edition 2025: Championing #Entrepreneurship &...

linkedin

#100startups100days #sprint #deeptech #deeptech #innovators #entrepreneurs #investors #ai #agritec...

#100Startups100Days | Dr. Ravi Kumar Jain at #SPRINT North Edition 2025: Forging India's #DeepTech Future...

linkedin

#sprint #100startups100days #deeptech #innovators #entrepreneurs #investors #policymakers...

Dr. Mukesh Kestwal, PhD Kestwal at #SPRINT North Edition 2025: Supporting Startups, Skilling Minds, Building...

linkedin

#100startups100days #sprint #deeptech #innovation #innovators #entrepreneurs #investors #ai #agritec...

#100Startups100Days | Dr Padmakali Banerjee at #SPRINT North Edition 2025: Shaping India's...

linkedin

#sprint #100startups100days #deeptech #innovators #entrepreneurs #investors #policymakers...

Dr. Radhika Trikha, CEO, iHub - AWaDH @ IIT Ropar at #SPRINT North Edition 2025: "Strengthening India's Start...

linkedin

#100startups100days #sprint #innovation #deeptech #innovation #innovators #entrepreneurs #investors...

#100Startups100Days | Ms. Tanushri Sharma at #SPRINT North Edition 2025: Shaping the Future of #Innovation wit...

linkedin

#100startups100days #sprint #deeptech #innovators #entrepreneurs #investors #ecosystem #deeptech...

#100Startups100Days | Panel Discussion: Beyond Borders – Unlocking the Future of DeepTech Investment Indian...

linkedin

#100startups100days #sprint #deeptech #innovators #entrepreneurs #investors #startupecosystem...

#100Startups100Days | Mr. Khalid Wani at #SPRINT North Edition 2025: Inspiring Founders, Fueling India's Startup...

linkedin

#100startups100days #sprint #deeptech #ai #agritech #cleantech #ecosystems #entrepreneurs...

#100Startups100Days | Special Launches at #SPRINT North Edition 2025: Accelerating Innovation for India's...

linkedin

भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

100 Startups Days
Powered by
AWaDH IIT Ropar-TIF | annam.ai | TECHNOLOGY BUSINESS INCUBATOR FOUNDATION IIT ROPAR

Inaugural & Keynote Speakers

Dr. Rajeev Ahuja
Director
Indian Institute of Technology Ropar

Chief Guest
Smt. Rekha Sharma
Member of Parliament,
Rajya Sabha & Former Chairperson,
National Commission for Women

Dr. Padmakali Banerjee
Vice Chancellor,
IILM University

Panel Discussion- Investment and Deeptech

Beyond Borders: Unlocking the Future of DeepTech Investment

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MEDIA COVERAGE

वीर सवेरा

आईआईटी रोपड़ ने IUPAP - ICPE सम्मेलन के साथ आयोजित 100 स्टार्टअप्स 100 डेज़ प्री-इम्पैक्ट समिट में भारत की डीप-टेक गति को प्रदर्शित किया

रूपनगर, 20 दिसम्बर (विजय): भारतीय प्रौद्योगिकी संस्थान (आईआईटी) रोपड़ ने भारत की स्टार्टअप क्रांति में एक नया अध्याय जोड़ते हुए '100 एस, 100 डी, इंडिया ए.आई. प्री इम्पैक्ट समिट' का भव्य आयोजन किया। यह आयोजन 16 से 20 दिसम्बर 2025 तक चलेगा। आई.यू.पी.ए.पी. अंतर्राष्ट्रीय भौतिकी शिक्षा सम्मेलन (आई.सी.पी.ई.-2025)' के एक महत्वपूर्ण हिस्से के रूप में सम्पन्न हुआ।

इस समिट ने न केवल शिक्षा और अनुसंधान की एक साझा मंच प्रदान किया, बल्कि 'डीप-टेक उद्यमिता के क्षेत्र में भारत की बढ़ती शक्ति का प्रदर्शन भी किया।

वैश्विक सहयोग और '100 स्टार्टअप्स 100 डेज' पहल आई.आई.टी. रोपड़ की '100 स्टार्टअप्स 100 डेज' पहल का मुख्य उद्देश्य होनहार स्टार्टअप्स को समय पर फंडिंग, संरचनात्मक मार्गदर्शन और निरंतर सहायता प्रदान करना है।

इस अभियान के माध्यम से भारत सरकार के 'आत्मनिर्भर भारत' और 'डिजिटल इंडिया इंफ्रास्ट्रक्चर' के सपने को जमीनी स्तर पर उतारने का प्रयास किया जा रहा है। इस पहल ने विचार के सत्यापन से लेकर बाजार में तैनाती तक का एक फास्ट-ट्रैक मार्ग तैयार किया है।

आई.आई.टी. रूपनगर में आयोजित 100 स्टार्टअप्स 100 डेज़ प्री इम्पैक्ट समिट के दौरान उपस्थित गणमान्य व्यक्ति और स्टार्टअप प्रतिनिधि। (विजय)

प्रमुख अतिथियों की उपस्थिति और पुस्तक का विमोचन समिट के दौरान भारत सरकार के प्रधान वैज्ञानिक सलाहकार के कार्यालय द्वारा प्रो. अजय सूद की उपस्थिति में एक विशेष पुस्तक रिपोर्ट 'भारत के ए.आई. और डीप-टेक इकोसिस्टम को सशक्त बनाना आई.आई.टी. रोपड़ द्वारा 100 स्टार्टअप्स 100 डेज की अंतर्दृष्टि और परिणाम' लॉन्च की गई। इस पुस्तक का सह-लेखन आई.आई.टी. रोपड़ के डॉ. पुष्पेंद्र सिंह और इंजीनियरों द्वारा किया गया है, जो इस क्षेत्र में मजबूत वैश्विक साझेदारी को दर्शाता है।

कार्यक्रम में दक्षिण कोरिया की 'कोरिया एस.एम.ई.एस. एंड स्टार्टअप्स एजेंसी' के निदेशक डॉ. कैमयोंग ली और भारत में इजराइल के राजदूत रूवेन अज़ार ने वर्चुअली जुड़कर भारत के बढ़ते स्टार्टअप पारिस्थितिकी तंत्र की सराहना की।

आर्थिक निवेश और तकनीकी प्रभाव आई.आई.टी. रोपड़ के 'डीप-टेक इनोवेशन इकोसिस्टम के तहत देश भर के 106 नवाचारकों को समर्थन दिया गया। संस्थान ने 'आई.हब-अवध' और अन्य भागीदारों के माध्यम से 83 स्टार्टअप्स में लगभग 3.71 करोड़ रुपए का निवेश किया है। यह फंडिंग मुख्य रूप से ए.आई., एग्रीटेक, वॉटरटेक, इंटरनेट ऑफ थिंग्स और साइबर-फिजिकल सिस्टम्स जैसे क्षेत्रों में काम कर रहे स्टार्टअप्स को दी गई है ताकि वे अपने प्रोटोटाइप विकसित कर सकें और आई.पी. निर्माण कर सकें।

संस्थान के दृष्टिकोण पर प्रकाश आई.आई.टी रोपड़ के निदेशक प्रो. राजीव आहूजा ने इस पहल की सफलता पर खुशी जताते हुए कहा कि यह मिशन एक समावेशी और वैश्विक रूप से जुड़े डीप-टेक स्टार्टअप इकोसिस्टम के निर्माण की दिशा में हमारी प्रतिबद्धता का प्रतीक है।

वहीं, आई.हब-अवध के परिवेशन निदेशक डॉ. पुष्पेंद्र पी. सिंह ने कहा कि हमारा उद्देश्य कैडेट इनक्यूबेशन और त्वरण के माध्यम से उद्यमियों को सशक्त बनाना है ताकि भारत वैश्विक नवाचार के नक्शे पर अपनी जगह बना सके।

IIT Ropar Showcases India's Deep-Tech Momentum at 100 Startups 100 Days Pre-Impact Summit hosted along with IUPAP – ICPE Conference

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BAHADURJEET SINGH RUPNAGAR: The Indian Institute of Technology (IIT) Ropar marked a major milestone in India's startup journey with the 100S100D India AI Pre-Impact Summit, held as part of the IUPAP International Conference on Physics Education (ICPE-2025), taking place at IIT Ropar from December 16–20, 2025. ICPE-2025 brings together global educators, researchers, and physicists to advance physics education, foster collaboration, and inspire the next generation of scientists. Integrating deep-tech entrepreneurship into this global academic forum, IIT Ropar positioned innovation, education, and startups on a common platform.

आईआईटी रोपड़ ने IUPAP - ICPE सम्मेलन के साथ आयोजित 100 स्टार्टअप्स 100 डेज़ प्री-इम्पैक्ट समिट में भारत की डीप-टेक गति को प्रदर्शित किया

सिटीज़न ऑफ बहादुरगढ़ न्यूज़ : रूपनगर।

भारतीय प्रौद्योगिकी संस्थान आईआईटी) रोपड़ ने 100S100D इंडिया AI प्री-इम्पैक्ट समिट के साथ भारत की स्टार्टअप यात्रा में एक प्रमुख मील का पत्थर हासिल किया, जो IUPAP अंतर्राष्ट्रीय भौतिकी शिक्षा सम्मेलन (ICPE-2025) के हिस्से के रूप में आयोजित किया गया था। यह सम्मेलन 16-20 दिसंबर 2025 तक आईआईटी रोपड़ में आयोजित हो रहा है।

CPE-2025 वैश्विक शिक्षकों, शोधकर्ताओं और भौतिकविदों को भौतिकी शिक्षा को आगे बढ़ाने, सहयोग को बढ़ावा देने और वैज्ञानिकों की अगली पीढ़ी को प्रेरित करने के लिए एक साथ लाता है। इस वैश्विक शैक्षणिक मंच में डीप-टेक उद्यमिता को एकीकृत करते हुए, आईआईटी रोपड़ ने नवाचार, शिक्षा और स्टार्टअप्स को एक सामान्य मंच पर स्थापित किया।

100 स्टार्टअप्स 100 डेज़ पहल को इसी पर फंडिंग, संरचित मार्गदर्शन और निरंतर सहायता के माध्यम से व्यावहारिक स्टार्टअप्स का समर्थन करने के लिए शुरू किया गया था। इसकी कार्यशालाएं, शिक्षा जगत, उद्योग और निवेशक नेटवर्क को एक साथ लाकर, आईआईटी रोपड़ ने विचार सत्यापन से वास्तविक दुनिया की तैनाती तक एक फास्ट-ट्रैक मार्ग प्रदान किया। भारत सरकार के आत्मनिर्भर भारत, डिजिटल पब्लिक इंफ्रास्ट्रक्चर और सपनोंवेली नवाचार के दृष्टिकोण के साथ संरेखित, यह पहल प्रौद्योगिकी को जमीनी स्तर तक ले जाने और प्रमुख राष्ट्रीय चुनौतियों का समाधान करने पर केंद्रित है।

समिट का सह-आयोजन iHub-AWaDH, Annam.ai और IIT Ropar TBIF द्वारा किया गया था, जिसमें भारत में इजराइल दूतावास, MeitY GENESIS, स्टार्टअप इंडिया, रैपमैन विश्वविद्यालय, BHASHINI, स्पार्क इनक्यूबेटर, ACIC GIET यूनिवर्सिटी फाउंडेशन, CCCT सिमेंटिक्स और कृष्णा सिंघ विद्यापीठ सहित एक व्यापक राष्ट्रीय और अंतर्राष्ट्रीय साझेदार पारिस्थितिकी तंत्र का समर्थन था; और कोरिया SMEs एंड स्टार्टअप्स एजेंसी (KOSME), SucSEED वेंचर्स, सिंक इनोवेशंस, 247VC, O2 एंजेल्स, IISER मोहाली TBI, इनोवेशन मिशन पंजाब के वक्ता शामिल थे।

"भारत के AI और डीप-टेक इकोसिस्टम को सशक्त बनाना: आईआईटी रोपड़ द्वारा 100 स्टार्टअप्स 100 डेज़ की अंतर्दृष्टि और परिणाम" शीर्षक वाली एक विस्तृत पुस्तक रिपोर्ट को प्रो. अजय सूद, भारत सरकार के प्रधान वैज्ञानिक सलाहकार के कार्यालय द्वारा IUPAP - ICPE-2025 उद्घाटन सत्र के दौरान लॉन्च किया गया, जो 100 स्टार्टअप्स 100 डेज़ के प्रभाव और यात्रा को दर्शाता है। पुस्तक का सह-लेखन डॉ. पुष्पेंद्र (आईआईटी रोपड़), डॉ. सचिका और डॉ. मुकेश (i H u b - AWaDH), सुश्री माया (भारत में इजराइल दूतावास) और डॉ. जेंजिंजर (रैपमैन विश्वविद्यालय, इजराइल) द्वारा किया गया है, जो मजबूत वैश्विक साझेदारात्मक दृष्टिकोण को प्रदर्शित करता है।

कार्यक्रम में मुख्य अतिथि के रूप में डॉ. कैमयोंग ली, निदेशक, कोरिया SMEs एंड स्टार्टअप्स एजेंसी (KOSME) और श्री कवेल अज़ार, भारत में इजराइल के राजदूत, भूटान और श्रीलंका के गैर-निवासी राजदूत (वस्तुतः शामिल हुए) उपस्थित रहे।

आईआईटी रोपड़ के डीप-टेक इकोसिस्टम इकोसिस्टम के तहत, 106 नवाचारकों और प्रारंभिक भारत के उद्यमियों को राष्ट्रव्यापी समर्थन दिया गया, जिससे भारत की डीप-टेक पाइपलाइन मजबूत हुई। इस ने अनुदान और बीज फंडिंग के माध्यम से 83 स्टार्टअप्स में ₹3.71 करोड़ का निवेश किया, जिससे प्रोटोटाइप विकास, IP निर्माण और बाजार तैयारी सक्षम हुई। DST NM-ICPS, MeitY GENESIS, ऑपरेशन ट्रोजनगिरि, HDFC बैंक परिवर्तन और स्टार्टअप इंडिया-संलिंक्ड पहलों सहित राष्ट्रीय कार्यक्रमों द्वारा समर्थित, स्टार्टअप्स AI, एग्रीटेक, वॉटरटेक, IoT, साइबर-फिजिकल सिस्टम्स और विनिर्माण में फैले हुए हैं, जो विभिन्न क्षेत्रों से भारत तैयारी तक उनकी यात्रा का समर्थन करते हैं।

प्रो. राजीव आहूजा, निदेशक, आईआईटी रोपड़ ने 100 स्टार्टअप्स 100 डेज़ प्री-इम्पैक्ट समिट के सफल समापन के लिए पूरे इकोसिस्टम को बधाई दी, यह देखते हुए कि यह पहल एक मजबूत, समावेशी और वैश्विक रूप से जुड़े डीप-टेक स्टार्टअप इकोसिस्टम के निर्माण के लिए आईआईटी रोपड़ की प्रतिबद्धता को दर्शाती है।

डॉ. पुष्पेंद्र पी. सिंह, परिवेशन निदेशक, iHub-AWaDH और Annam.ai ने 100 स्टार्टअप्स 100 डेज़ पहल की सफलता के लिए स्टार्टअप्स और भागीदारों को बधाई दी, यह देखते हुए कि आईआईटी रोपड़ का इकोसिस्टम केडिट, मार्गदर्शन, इनक्यूबेशन और त्वरण के माध्यम से नवाचारकों को सशक्त बनाना जारी रखता है, जो भारत की आत्मनिर्भर और प्रभाव-संचालित डीप-टेक विकास की दृष्टि में योगदान देता है।

स्टार्टअप्स त्वरण को एक वैश्विक तकनीकी सम्मेलन के साथ एकीकृत करके, आईआईटी रोपड़ ने प्रदर्शित किया कि कैसे शिक्षा, अनुसंधान और उद्यमिता मिलकर सकेलिका नवाचार को आगे बढ़ा सकते हैं। 100 स्टार्टअप्स 100 डेज़ पहल सार्वजनिक-निजी साझेदार, वैश्विक साझेदारी और मिशन-संचालित फंडिंग के बढ़ते मॉडल को दर्शाती है —जो राष्ट्रीय प्रभाव और वैश्विक प्रासंगिकता के लिए भारत के डीप-टेक स्टार्टअप्स को स्थापित करता है।


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iHub - AWaDH TEAM

IIT Ropar - Technology and Innovation Foundation

SAMRIDHI 2.0, held on 2-3 December, 2023, at IIT Ropar

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> *"The future of farming lies in integrating technology with traditional practices to create more efficient and sustainable agricultural systems."*
>
> *Shri Narendra Modi*
> *Hon'ble Prime Minister*

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