



विज्ञान एवं
प्रौद्योगिकी मंत्रालय
MINISTRY OF
SCIENCE AND
TECHNOLOGY



#startupindia



STARTUP
Innovation, Entrepreneurship, Collaborations

20 G20
भारत 2023 INDIA

IIT Ropar (iHub - AWaDH)

2023

SAMR₂DHI
CONCLAVE 1.0

Igniting the DeepTech Revolution

AWaDH
IIT Ropar-TIF

www.ihub-awadh.in/startups



IIT Ropar - Technology and Innovation Foundation

A DST ICPS Technology Innovation Hub



01881 - 232601



www.ihub-awadh.in



IIT Ropar, Punjab

Message from Hon'ble Prime Minister Shri Narendra Modi Ji



सत्यमेव जयते

प्रधान मंत्री
Prime Minister

MESSAGE

It is heartening to learn about the launch of the 'Strategic Acceleration for Market, Research, Innovation & Development: A holistic initiative for ICPS Start-ups' (SAMRIDHI Conclave 2023), organised by IIT Ropar Technology Innovation Foundation for Agriculture and Water Technology Development Hub (AWaDH).

What is particularly pleasing to note is that the Conclave is being hosted by IIT Ropar on the occasion of the 3rd Foundation Day of IIT Ropar Technology Innovation Foundation. I am positive that the deliberations at the Conclave will help sharpen focus across diverse fields such as agriculture, water, Internet of Things (IoT) and Cyber Physical Space (CPS).

Excellence in the realm of science and technology has been an integral part of our culture. As institutions of excellence, IITs continue to carry forward this rich legacy from the past, drawing inspiration to carve out a splendid future for themselves and the nation. In the process, they have become India's Instruments of Transformation.

Innovation and enterprise are the buzzwords of the 21st century. Be it enhancing agricultural productivity, water conservation, or providing clean energy, we remain steadfast in our efforts to leverage technology and innovation to provide sustainable solutions and bring about a positive transformation in the lives of people.

Today, our start-ups are becoming game-changers, with India becoming a hub for them. These technology-driven start-ups possess immense potential to resolve the day-to-day challenges faced by the common people. It is no coincidence that IIT graduates are driving the growth of start-ups in India.

It is noteworthy that the Conclave will provide a platform to showcase the latest innovations and engage in mutual learnings. The gathering of start-up founders, researchers, innovators, investors and various stakeholders is an opportunity to forge abiding professional and personal relationships.

May the SAMRIDHI Conclave 2023 take the spirit of innovation and enterprise to even higher levels of excellence.

(Narendra Modi)

New Delhi
श्रावण 19, शक संवत् 1945
10th August, 2023



Dr Rajeev Ahuja Director, IIT Ropar

We are delighted to present the highlights of **SAMRIDHI Conclave 2023**, an exceptional event that showcased the power of innovation, entrepreneurship, and deep tech solutions. This event, held at the esteemed Indian Institute of Technology Ropar, brought together visionaries, startups, investors, and partners, creating a vibrant ecosystem of collaboration and innovation.

The SAMRIDHI Conclave was a convergence of ideas, opportunities, and innovation. It commenced with an Exclusive Networking Dinner, setting the stage for meaningful connections and discussions. The main event featured captivating sessions, startup pitches and a dynamic Technology Exhibition. The heart of innovation, the exhibition, showcased the ingenuity of 29 startups, providing a glimpse into the future.

Partnerships and Networking: Over 110+ partners and stakeholders collaborated, fostering opportunities for growth and collaboration.

Investor Engagement: The event was bolstered by the support of 46 investment partners who recognized the potential of these startups.

A Grand Success: SAMRIDHI Conclave 2023 was a resounding success, epitomizing the spirit of innovation and entrepreneurship. It has laid the foundation for future collaborations and innovations, and we express our gratitude to everyone who contributed to its success.

We extend our heartfelt thanks to our partners, sponsors, speakers, startups, and the entire organizing team for their dedication and enthusiasm. Together, we have embarked on a journey of transformation, and we look forward to even greater achievements in the future.



Dr Pushpendra P Singh Project Director

We are thrilled to present the essence of SAMRIDHI Conclave 2023, an event that celebrates innovation, entrepreneurship, and deep tech solutions. Hosted at the prestigious Indian Institute of Technology Ropar, this event brought together innovators, startups, investors, and partners, fostering a dynamic ecosystem of collaboration and progress.

The Conclave featured:

- 05 Product shower to highlight the deep-tech innovation
- 15 MoU inked showing the power of collaboration
- 15 Startups Shortlisted for Pitch Sessions: Handpicked startups had the opportunity to present their groundbreaking ideas.
- 29 Startups Showcased at the Technology Exhibition: Innovative solutions took center stage.
- 30+ Distinguished Speakers: Experts and visionaries shared profound insights and experiences.
- Supported by 46 Investment Partners: Investors played a pivotal role in nurturing growth.
- 50+ Esteemed Jury Members: A panel of eminent judges evaluated and mentored startups during pitch sessions.
- Over 110 Partners Nationwide: A collaborative network driving innovation.
- 329 Applications Received: A testament to the entrepreneurial spirit.

This remarkable success embodies the spirit of innovation and entrepreneurship, setting the stage for future collaborations and innovations. We extend our gratitude to all who contributed to this achievement and look forward to even greater accomplishments in the future.

LAUNCH OF INITIATIVES



SAMRIDHI (02 June 2023) : Launched by **Shri Gajendra Singh Shekhawat** ji, Honourable Minister, Ministry of Jal Shakti, Department of Water Resources, RD & GR, Govt. of India

Strategic Acceleration for Market, Research, Innovation & Development: a Holistic Initiative for ICPS Startups (SAMRIDHI), In line with the objectives of the National Mission on Interdisciplinary Cyber Physical Systems, our Honourable Minister **Shri Gajendra Singh Shekhawat**, launched flagship initiatives **SPRINT** and **SAMRIDHI** on 02 June 2023 at **iHub - AWaDH @ IIT Ropar** with an aim to stimulate research, innovation, and entrepreneurship in our country, with a specific focus on enhancing Cyber Physical Systems within the domains of agriculture and water.



Launch of **SAMRIDHI Conclave** on 07 July 2023, a transformative initiative aimed at nurturing and propelling #ICPS #Startups to new heights in presence of **Dr Akhilesh Gupta** (Secretary, SERB, Department of Science and Technology, Government of India) & **Dr. Ekta Kapoor** (Mission Director, National Mission on Interdisciplinary Cyber-Physical System, Government of India)

AT A GLANCE

Startup SAMRIDHI (11-12 August 2k21)

550+
Stakeholders

320+
Registrations

110+
Partners

50+
Investment
Partners

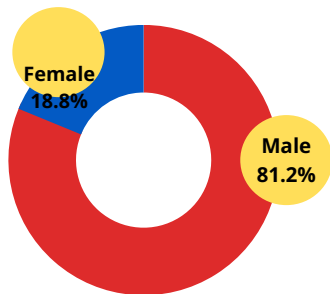
30+
Speakers

15
Pitches

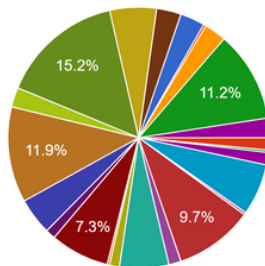
29
Exhiition

15
MoU Linked

05
Product
Showers



Participation (Gender)



Punjab (15.2%) | Maharashtra (11.9%) | Uttar Pradesh (11.2%) | Delhi (9.7%) | Chandigarh (6.4%)

SAMRIDHI 2023 received 320+ atnoshing responses from a diverse backgrounds of 29 States and UT across the country, the speakers and experts from all over the nation making it a national program where experts from across the Bharat, interacted with the startup community and shared their experiences and learning.

With highest number of the applicant from Punjab accounting for 15.2% of the share, followed by 11.9% and 11.2% from Maharastra and UP respectively. Some of the other states and UTs from which we observed a good number of participation form Delhi (9.7%), Karnataka (7.3%), Chandigarh (6.4%), and Haryana (6.1%) and so on so forth, registered for the program. 69% of the registered participants were interested in pitching and 26% were interested in attending the event.

88% of the participants has pvt ltd registered company. Out of the registered candidate more than 55% were directly linked to our mandate area Agriculture / Water / ICPS We also got 48% startups having women founder or co founder in there team showing the upliftment of the women in the tech ecosystem .

Other data pointers are highlighetted in the next page to understand the impact.

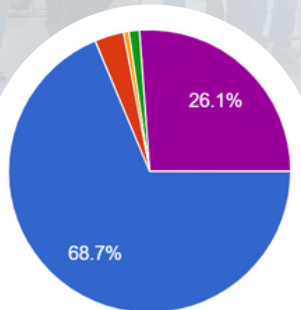


AT A GLANCE

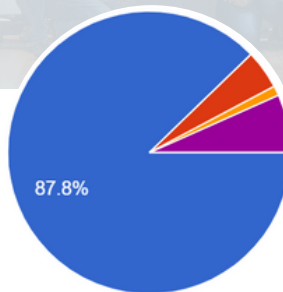
Startup SAMRIDHI (11-12 August 2k21)

SAMRIDHI CONCLAVE 1.0

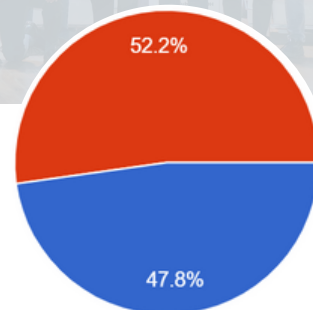
Igniting the DeepTech Revolution



Startup for Pitching (68.7%) | For Attendee (26.1%)

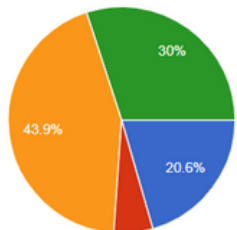


Private Limited (87.8%)



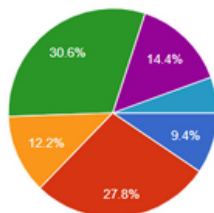
Woman in Founding/Co Founding Team

Patents (244)



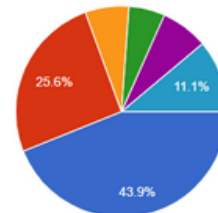
Patent is Filed: 20.6%
Patent Granted: 5.6%
Potential to File: 43.9%
Other: 30%

Stage of Startups



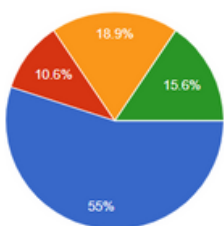
● Ideation Stage / Individual Stage
● POC / Evaluation underway (not paid)
● Customer Pilots underway (Paid POCs)
● Early Revenue (First few customers onboard, paid and...)
● Early Scale (GTM & Target sector validated, now looking...)
● Scaling (Proven GTM with sc...)

Revenue Generated



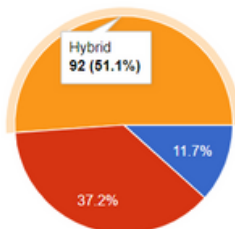
● Not yet Generated
● < 2 Lakh - 10 Lakh
● 10 Lakh - 25 Lakh
● 25 Lakh - 50 Lakh
● 50 Lakh - 1 Cr
● > 1 Cr

Funding Stage



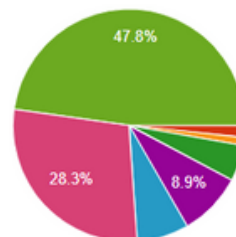
● Bootstrapped (Funded)
● < 10 Lakh
● 10-50 Lakh
● > 50 Lakh

Mode of Support Needed



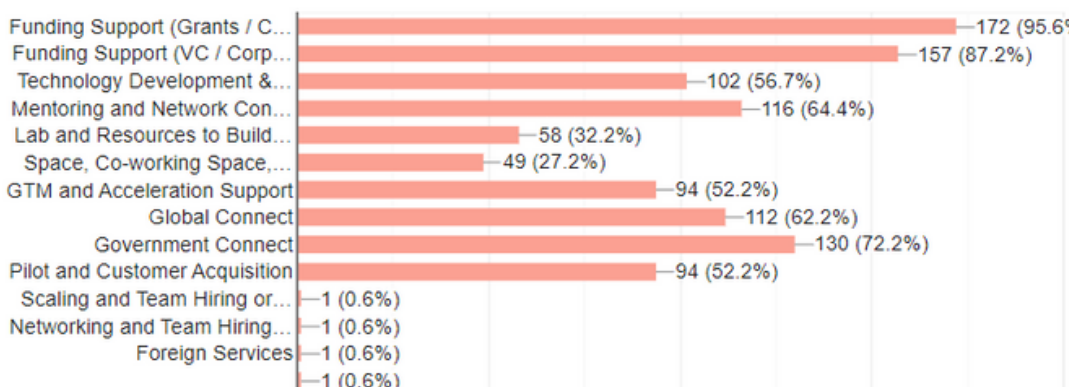
● Physical
● Virtual
● Hybrid

Quantum of Fund Required



● < 2 Lakh
● 2 - 5 Lakh
● 5 - 10 Lakh
● 10 - 20 Lakh
● 20 - 30 Lakh
● 30 - 40 Lakh
● 40 - 50 Lakh
● > 50 Lakh

Type of Support Needed



47.8 %

Women Founders

62.8 %

Revenue Making Startups

26.1 %

Regular Attendees

EXCLUSIVE TALK ON NATIONAL RESEARCH FOUNDATION

By Dr Akhilesh Gupta

#SAMR[🚀]DHI CONCLAVE

The establishment of the National Research Foundation (NRF), a recent milestone approved by the Union Cabinet, stands as a testament to the visionary leadership of Prime Minister Narendra Modi. The inception of NRF was initially championed by Prime Minister Modi during his address at the Indian Science Congress in January 2019 and subsequently integrated into the Union Budget. This strategic move underscores his commitment to advancing India's research and innovation ecosystem.

The NRF model, meticulously tailored for India, draws inspiration from renowned global science research institutions, aligning with the nation's unique needs and challenges. Its overarching mission is to democratize research endeavors, ensuring that research funding opportunities are accessible to regions that have traditionally been underserved, including peripheral, rural, and semi-urban areas. This initiative holds the promise of bridging the gap in fundamental research within India, despite the nation's abundance of tech-savvy youth.

The necessity for the NRF was compelling, given that India's current research and development (R&D) expenditure, both from public and private sectors, remains below 0.7% of the GDP. In stark contrast, countries like China allocate over 2.5% of their GDP towards research and innovation. India's R&D funding, at approximately \$15 billion, pales in comparison to the substantial budgets of countries like the United States and China, which invest \$640 billion and \$580 billion, respectively, into their research endeavors. This glaring disparity underscores the pressing urgency of NRF in revitalizing and rejuvenating India's research landscape.

At present, a significant proportion of research funding is concentrated in premier institutions such as the Indian Institutes of Technology (IITs) and the Indian Institutes of Science Education and Research (IISERs), often leaving state-run universities with limited resources. NRF endeavors to correct this imbalance by decentralizing research funding and promoting scientific progress across the nation. This holistic approach not only promises to create a more equitable research environment but also positions India to harness its full potential as a global leader in innovation and knowledge creation.



SESSION 2: BEYOND BOUNDARIES: DRIVING INNOVATIONS IN DEEP TECH THROUGH INVESTMENTS & DEEP TECH UNLEASHED: BUILDING TOMORROW THROUGH INVESTMENTS IN INNOVATIONS

#SAMR DHI
CONCLAVE



In a thought-provoking session hosted by IIT Ropar AWaDH, industry veterans Vinod Keni, Mayuresh, and Anil Joshi, alongside Sivesh Kumar, Swarandeeep & Amit, engaged in a spirited dialogue on **"Driving Innovations in Deep Tech through Investments."** Expertly moderated by Sanjana and Ankit, the discussion transcended the prevailing narratives around e-commerce, edutech, health tech, fintech, and the distinctive D2C distribution model.

The discourse uncovered crucial insights often overshadowed in the fervor of the startup landscape. A stark reality emerged—India's startup ecosystem, adorned with unicorns and valuations, confronts challenges stemming from a recent 'funding winter' and an imbalanced fixation on valuations, resulting in unsustainable capital burn.

While acknowledging the successes of industry giants like Ola, Flipkart, Zomato, and Swiggy, the discussion pivoted to a sobering truth. Many of these triumphs, though impressive, were adaptations of existing models lacking genuine innovation.

Shifting gears from commerce to societal needs, the spotlight turned to deeptech—the unsung hero. Numerous deeptech 'projects' and innovations were highlighted, awaiting the nourishment of resources and time to scale and address the challenges faced by a developing nation.

The essence of the discussion lies in a threefold approach to nurture deeptech innovation. A plea for a shift—from a rush for exits and returns to embracing patient capital, especially crucial for deeptech ventures with extended development periods. The vital importance of cultivating a culture of R&D, emphasizing collaboration between academia and industry as a catalyst. Lastly, a clarion call for a regulatory framework supportive of deeptech innovation, urging policies that safeguard intellectual property, ease regulatory navigation, and provide access to government grants.

This exclusive session not only enriched the program hosted by IIT Ropar AWaDH but also brought invaluable insights to the audience. With the wisdom of industry veterans, the foresight of visionary investors, and collaborative efforts, the discourse sets the stage for unlocking the untapped potential of true deeptech innovation in India.



SESSION 3: IGNITING INNOVATION: THE CXO ROUND TABLE & BRAINSTORMING SUMMIT FOR INCUBATORS AND ACCELERATORS

#SAMR^{RDHI} CONCLAVE

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The vibrant discussions unfolded during Session 2 of the Samridhi Conclave, titled "Igniting Innovation: The CXO Round Table & Brainstorming Summit for Incubators and Accelerators." This strategic panel discussion was convened under the auspices of the National Deep Tech Startup Policy (NDTSP), spearheaded by the Office of the Principal Scientific Advisor (PSA), Government of India, at iHub-AwaDH, IIT Ropar. The session brought together visionary CXOs, incubator leaders, and accelerators to deliberate on fostering innovation within the deep tech startup ecosystem.

Distinguished participants included Dr. Rajeev Yadav, an Indian Administrative Service officer with extensive experience in various key government roles; Deepindar Dhillon, Joint Director at the Department of Information Technology, Govt of Punjab; Dr. Pushvinder Jit Singh, a first-generation entrepreneur and MD of Tynor Orthotics; Mr. Somveer Singh Anand, a versatile professional with a rich background in finance and entrepreneurship; Satish Kumar Arora, Co-Founder of AppSmartz™ & GameSee Pvt. Ltd., specializing in the voice, video, gaming, and live streaming domains; and Neetu Mohanka, the Founder of We Rise and a mind management trainer. The discussion covered diverse aspects, including the upcoming startup policy, the draft National Deep Tech Startup Policy (NDTSP) 2023, the imperative need for a national deep tech policy to foster economic growth, and the role of infrastructure in deep tech innovation. Participants emphasized the significance of multidisciplinary advancements, encompassing computer engineering, electrical engineering, and civil engineering, to drive the deep tech revolution.



Session 4: Inclusion and Growth: Women's Impact on the Tech Investment Sphere

In India, a country with a population of approximately 1.4 billion people, nearly 48% of the population is comprised of women.

It is not surprising, given these numbers, that India is home to approximately 13 million enterprises led by women. In the year 2020, these women-led enterprises accounted for a substantial 20% of all enterprises in the country. This impressive statistic translates to the creation of 22-27 million employment opportunities, making a significant contribution to India's startup and entrepreneurship ecosystem.

Empowering women in entrepreneurship is a critical endeavor. Accelerating the quantity and quality of women-led enterprises can have a profound impact. It has the potential to usher in a new era with over 30 million women-owned businesses, with 40% of them exceeding self-employment. This, in turn, could generate a remarkable 150-170 million jobs in India, accounting for more than 25% of the new jobs required for the entire working-age population, all the way up to 2030.

The Samridhi Conclave, focused on women, aims to continue this empowering journey, providing women with the tools and opportunities they need to thrive in the world of entrepreneurship.



SESSION 05: EMPOWERING NATIONAL SECURITY: BUILDING RESILIENCE FOR BLOCKCHAIN AND DEF-TECH

#SAMR[🚀]DHI CONCLAVE

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In a transformative session hosted by IIT Ropar AWaDH, a diverse panel unfolded critical insights on fortifying national security through the amalgamation of blockchain and defense technology. The panel, featuring Air Marshal GS Bedi (Retd), Ajay Rajawat from BHASHINI (MeiTY, a flagship initiative of the Government of India), Karan Bhai, Pravash Dey representing Blockchain, and Farheen providing an investment perspective, left an indelible mark on the audience.

Air Marshal GS Bedi (Retd) shared strategic insights, Ajay Rajawat brought a unique governmental perspective, Karan Bhai highlighted the latest developments in defense technology, Pravash Dey delved into the technological aspects of blockchain, and Farheen enriched the dialogue with investment insights.

The session emphasized the strategic integration of blockchain and defense technology, providing a roadmap for fortifying national security. Insights from the panel illuminated an innovation nexus where blockchain and defense technology converged, creating adaptive and resilient frameworks. Collaboration emerged as a recurring theme, underscoring the importance of cross-sector partnerships.

IIT Ropar AWaDH's commitment to knowledge dissemination was evident as the panel not only enriched the program but also empowered the audience with a profound vision for a resilient future in national security.



FOUNDER TALKS

By Amrit

#SAMRIDHI CONCLAVE

The founder talk featuring Mr. Amrit Om Nayak, Co-founder & CEO of INDRA Waters, was a pivotal event during the SAMRIDHI Conclave, shedding light on the critical importance of such discussions within the Agri and Water-based startup ecosystem in India. This engaging conversation not only showcased the journey and insights of a successful entrepreneur but also underscored the vital need for founder talks to motivate and inspire budding entrepreneurs working in these domains.

In the context of India, where agriculture and water management are pivotal sectors with far-reaching implications, the role of Agri and Water-based startups cannot be overstated. These startups are often at the forefront of addressing pressing challenges related to food security, sustainable agriculture practices, and efficient water resource management. The founder talk with Mr. Amrit Om Nayak served as an inspiring narrative, highlighting the immense potential within these sectors and the opportunities that await those willing to innovate.

Founder talks like these serve as a beacon of motivation for aspiring entrepreneurs by providing them with real-world examples of individuals who have successfully navigated the challenges and complexities of Agri and Water-based startups. Mr. Nayak's journey, experiences, and insights into INDRA Waters not only showcased the possibilities within this domain but also emphasized the resilience, determination, and vision required to thrive in these sectors. It illuminated the path forward for entrepreneurs, encouraging them to tackle the unique challenges of Agri and Water-based startups with confidence and ingenuity.

Furthermore, such discussions foster a sense of community and collaboration among startups, investors, and industry experts. They offer a platform for knowledge sharing, idea exchange, and networking, ultimately strengthening the Agri and Water-based startup ecosystem in India. As the founder talk concluded, it left a lasting impact by reinforcing the belief that innovation and entrepreneurship in these domains are not only desirable but also essential for the sustainable growth and development of our nation. The SAMRIDHI Conclave's commitment to hosting such informative and inspirational sessions underscores its dedication to nurturing and advancing the startup ecosystem in India.



CONSULTATION SESSION: THE NATIONAL DEEP TECH STARTUP POLICY (NDTSP) BY OFFICE OF PSA, GOI

#SAMRIDHI CONCLAVE



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MoUs and Collaboration

During the SAMRIDHI Conclave, we celebrated a significant milestone by signing Memorandums of Understanding (MoUs) with 15 distinguished stakeholders from the diverse spectrum of the startup ecosystem. These MoUs represent a tangible commitment to collaboration, innovation, and growth. Our partners range from corporate entities and investors to incubators and vibrant startup communities. Through these strategic alliances, we aim to forge a dynamic network that fosters entrepreneurship, empowers startups, and catalyzes innovation.

The signing of these MoUs marks a pivotal moment in our mission to create a thriving ecosystem where startups can flourish and achieve their full potential. These partnerships signify our dedication to providing startups with unparalleled opportunities for mentorship, investment, and market access. Together with our valued stakeholders, we are determined to propel the entrepreneurial landscape forward, paving the way for groundbreaking ideas to become successful ventures and contributing to the overall prosperity of our startup community.

1. Dassault Systèmes, represented by Tanuj Mittal and Mr. Rajiv ARAMADAKA,
2. Ministry of Electronics and Information Technology BHASHINI, under the leadership of Amitabh Nag and Ajay Singh Rajawat
3. Innovation Mission Punjab, led by Somveer Anand,
4. Wadhvani Foundation, with Dr. Deepak Motwani and Ankit Machhar
5. Headstart Network Foundation, signed by the dynamic duo Sanjana Uthappa and Vaniya Dangwal Eternal,
6. IvyCap Ventures Advisors Private Limited, championed by Rupali Chowdhary,
7. IVY League Ventures Pvt Ltd. , proudly endorsed by Farheen Rangwala,
8. Youngovator, inked by the visionary Mudit Thakkar,
9. Runway Incubator, under the strategic guidance of Mohit Nagpal,
10. Venture Catalysts++ | India's 1st Multi-Stage VC, solidified by the commitment of Kumar Saurabh,
11. AIC NITF, with the support and leadership of Durga Prasad Gouda (ଦୁର୍ଗା ପ୍ରସାଦ),
12. Announcement of #ATMAN, an Initiative with four of TIH, represented by Aanchal
13. Announcement of collaboration with Institut national de la recherche agronomique (INRAE) France,
14. Announcement of IMPACT Conclave 3.0 at Krishna Vishwa Vidyapeeth (Deemed to be University), Dr. Jayant Pawar
15. Announcement of #collaboration with Inoberry LLC, co-founded by Pooja Bhatia Vasaikar, CLP, RTTP, Patent Agent



MoU signing with
Dassault Systèmes



MoU signing with
MeitY BHASHINI



MoU signing with
Innovation Mission Punjab



MoU signing with
Wadhvani Foundation



MoU signing with
Headstart Network Foundation



MoU signing with
IvyCap Ventures Advisors



MoU signing with
Ivy League Ventures



MoU signing with
Youngovator



MoU signing with
UCIE Runway



MoU signing with
Venture Catalysts



MoU signing with
AIC NITF

LAUNCH OF IMPACT CONCLAVE 3.0

#SAMRIDHI CONCLAVE

The launch of IMPACT Conclave 3.0 at the SAMRIDHI Conclave marked a significant milestone in our ongoing commitment to fostering innovation and collaboration in the field of healthcare and technology. Building upon the remarkable success of IMPACT Conclave 2.0, this initiative represents a partnership between the esteemed Krishna Institute of Medical Sciences "Deemed to be University" (KIMSDU) in Karad, Maharashtra, and the SPPU-Research Park Foundation.

IMPACT Conclave has consistently played a pivotal role in providing a dynamic and inclusive platform. It offers researchers, startups, educators, and students a unique opportunity to showcase their pioneering innovations and engage in substantive discussions aimed at addressing pressing challenges within the healthcare sector. As an initiative rooted in the collaboration between KIMSDU, SPPU, and Headstart, IMPACT Conclave underscores our shared commitment to supporting inventors, empowering startups, and nurturing academic endeavors.

With the launch of IMPACT Conclave 3.0, we are poised to embark on an exciting new chapter in our collective journey. This endeavor promises to be a catalyst for groundbreaking solutions that will reshape the landscape of healthcare technology. We are eager to witness the transformative impact that emerging innovations will have on our ecosystem and are dedicated to fostering an environment that encourages growth, collaboration, and progress. Together, we look forward to shaping the future of healthcare through technology and innovation.

As we reflect on the accomplishments of IMPACT Conclave 2.0, it's evident that this initiative has been instrumental in bringing together a diverse community of thought leaders, researchers, and entrepreneurs. It has sparked countless discussions, facilitated knowledge sharing, and paved the way for novel solutions to address the pressing issues faced by the healthcare industry. The success stories that have emerged from IMPACT Conclave 2.0 serve as a testament to the power of collaboration and innovation in driving positive change.

IMPACT Conclave 3.0 carries forward the legacy of its predecessor and aspires to amplify its impact even further. We envision a future where healthcare technologies not only address current challenges but also lead to transformative advancements. The launch of this new phase represents our unwavering commitment to nurturing the spirit of innovation and entrepreneurship, ultimately contributing to the betterment of healthcare and society at large.

Networking Dinner

#SAMR^{ROCKET}DHI
CONCLAVE

The networking dinner held during our event proved to be a delightful and invaluable occasion for startups, guests, and partners alike. This evening of camaraderie and connection allowed attendees to break the ice, fostering meaningful interactions that are fundamental in the world of entrepreneurship. Against the backdrop of a warm and inviting atmosphere, conversations flowed freely, ideas were exchanged, and valuable connections were forged.

As participants savored delectable cuisine and engaged in stimulating discussions, the dinner not only offered a pleasant respite from the event's activities but also served as a catalyst for collaboration. It was heartening to witness the synergy that emerged among our diverse community of startups, distinguished guests, and supportive partners. This networking dinner embodied the spirit of innovation, bringing together like-minded individuals with a shared passion for entrepreneurship, and setting the stage for fruitful collaborations and partnerships in the days to come.



Distinguished Speakers

#SAMR^{ROCKET}DHI
CONCLAVE



Dr Akhilesh Gupta
Secretary, SERB, Sr. Adviser
DST



Prof. Rajeev Ahuja
Director,
IIT Ropar



Tarun Dua
CEO
E2E Networks Limited



Deepindar Dhillon
Joint Director
Department of Information
Technology, Govt of Punjab



Anil Joshi
Managing Partner
Unicorn India Ventures



Amitabh Nag
Chief Executive Officer ,
BHASHINI, MeitY



Somveer Anand
CEO & Mission Director
IM Punjab



Sivesh Kumar
Founder and CEO,
Startup Monk



Swarandeeep Singh
Sr. Director, Recur Club;
Founder, Lykke Capital



Vinod Keni
Co-Founder & Managing
Partner, Qi Ventures



Mahendra Pratap
CEO
Asti Infotech



Amit Gupta
Director - Practice Growth
Factoryal



Preeti Chaudhary
Founder & MD
MadhyaBharatAngels



Mayuresh Raut
Co-Founder & Managing
Partner, Seafund



Karan Bhai
Product Head
Antier Solution



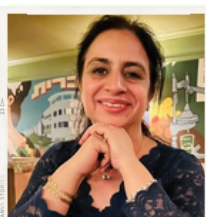
Balaji Ayyangar
Lead Architect,
Trikon



Pawan Kakkar
Managing Director,
Jugapro India



Air Marshal GS Bedi (Retd)
Former DG Airforce
(Inspection and Safety)



Dr Dapinder Bakshi,
Joint Director, Punjab
State Council



Nitika Khurana
Head Ops at Chandigarh
Angels Network



Bhawna Bhatnagar
Co-Founder We Founder
Circle & EvolveX



Neiharika Rajiv
Partner
GI Venture



Nitu Mohanka
Founder
WERise



Komal Talwar
Founder
TT Consultants



Satish Arora
Vice President, TiE
Chandigarh;



Pravash Dey
Disruptor-in-Chief US
India Blockchain Council



Sanjana Uthappa
Founder at Evora;
Headstart Investor Circle



Durga Prasad
COO
AIC Nalanda



Ajay Rajawat
BHASHINI Division
MeitY



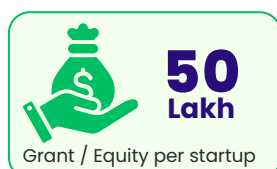
Vaniya Dangwal
Head - Partnership
Headstart

Distinguished JURY Members

#SAMR^{AI}DHI
CONCLAVE



320+ Applications | 15 Finalist | 50+ Jury | 30+ Speakers



Funding
Commitment of

4 upto
Cr

Inauguration – SAMRIDHI: Igniting the Deep Tech–Revolution



Dr Akhilesh Gupta
Secretary, SERB, Sr. Adviser
DST



Dr. N. S. Kalsi, IAS
Chairperson, National
Council for Voc. Edu & Trg.
GOI



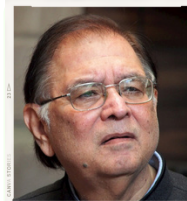
Prof. Rajeev Ahuja
Director,
IIT Ropar



Amitabh Nag
Chief Executive Officer,
BHASHINI, MeitY



Tarun Dua
CEO
E2E Networks Limited



Mr. S. K Rai
MD
Hero Cycle Group



Dr. Pushendra P. Singh
Project Director,
AWaDH IIT Ropar TIF

Exclusive Session on "National Research Foundation – A way forward to achieving India's Global R&D Leadership" by Dr Akhilesh Gupta, Secretary SERB & Sr. Adviser, DST GoI

Beyond Boundaries: Driving Innovations in Deep Tech through Investments



Rajiv Aramadaka
Global Affairs
Dassault Systemes India



Anil Joshi
Managing Partner
Unicorn India Ventures



Sivesh Kumar
Founder and CEO,
Startup Monk



Vinod Keni
Co-Founder & Managing
Partner Qi Ventures



Sanjana Uthappa
Founder, Evora;
Headstart Investor Circle

Deep Tech Unleashed: Building Tomorrow through Investments in Innovations



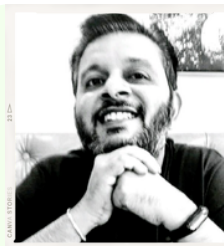
Swarndeep Singh
Sr. Director & Head of
Partnership RECUR Club



Mayuresh Raut
Co-Founder & Managing
Partner, Seafund



Mahendra Pratap
CEO
Asti Infotech



Amit Gupta
Director – Practice Growth
Factoryal



Ankit Khandelwal
Head Investor Relation,
Lead Angels

Igniting Innovation: The CXO Round Table & Brainstorming Summit for Incubators and Accelerators



Deepindar Dhillon
Joint Director
Department of Information Technology,
Govt of Punjab



Somveer Anand
CEO and Mission Director
IM Punjab



Rajiv Yadav
Former Chairman,
Bhramaputra Road, Gol



Nitu Mohanka
Founder,
Werise



P J Singh
MD Tynor; Chairman CII
NR–Chandigarh



Satish Arora
Vice President
TIE Chandigarh



Durga Prasad
COO
AIC Nalanda

Special Sessions

Inclusion and Growth: Women's Impact on the Tech Investment Sphere



Dr Dapinder Bakshi,
Joint Director, Punjab
State Council



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Head Ops at Chandigarh
Angels Network



Bhawna Bhatnagar
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Founder & MD
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Komal Talwar
Founder
TT Consultants



Vaniya Dangwal
Head - Partnership
Headstart

Empowering National Security: Building Resilience for Blockchain and Def-Tech



Air Marshal GS Bedi (Retd)
Former DG Airforce
(Inspection and Safety)



Ajay Rajawat
BHASHINI Division
MeiTY



Karan Bhai
Product Head
Antier Solution



Pravash Dey
Disruptor-in-Chief US
India Blockchain Council

MoU and Partnership announcement:

- **Dassault Systems** India Private Limited
- National Research Institute for Agriculture, Food and Environment (**INRAE France**)
- **Innovation Mission Punjab**
- MoU **BHASHINI MeiTY**
- **Wadhwani** Foundation
- **Headstart** Network Foundation, Bangalore
- **IvyCap Ventures Advisors Pvt Ltd**, Bangalore
- **IVy League Ventures**, Indore
- **Youngovator** Education Pvt. Ltd.
- MoU with **AIC Nalanda** Odisha
- MoU with **WE Founder Circle**
- Launch of SPRINT with **RunWay UPES** Dehradun, Uttarakhand & **JKSCST**
- Launch of **IMPACT Conclave** at Krishna Vishwavidhyapith, Maharashtra

Pitch Event (15 Startups) & Exhibition (50 Startups)

100+ Partners | 30+ Speakers | 50+ Jury Members | 150+ Stakeholders



11 - 12 August 2023

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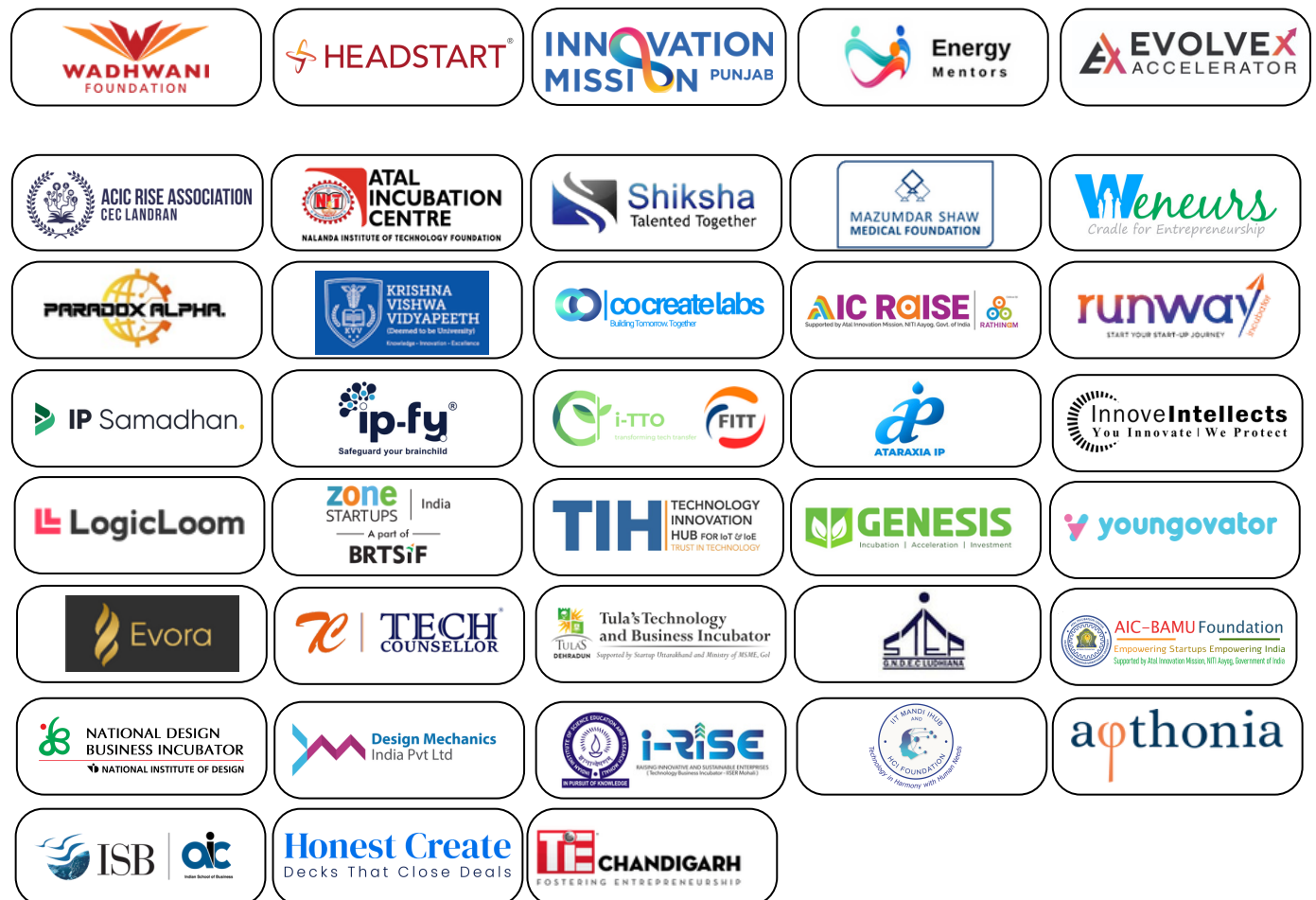
IIT Ropar, Punjab



TECH PARTNERS



ECOSYSTEM PARTNERS



Interested to join as Mentor / Partner

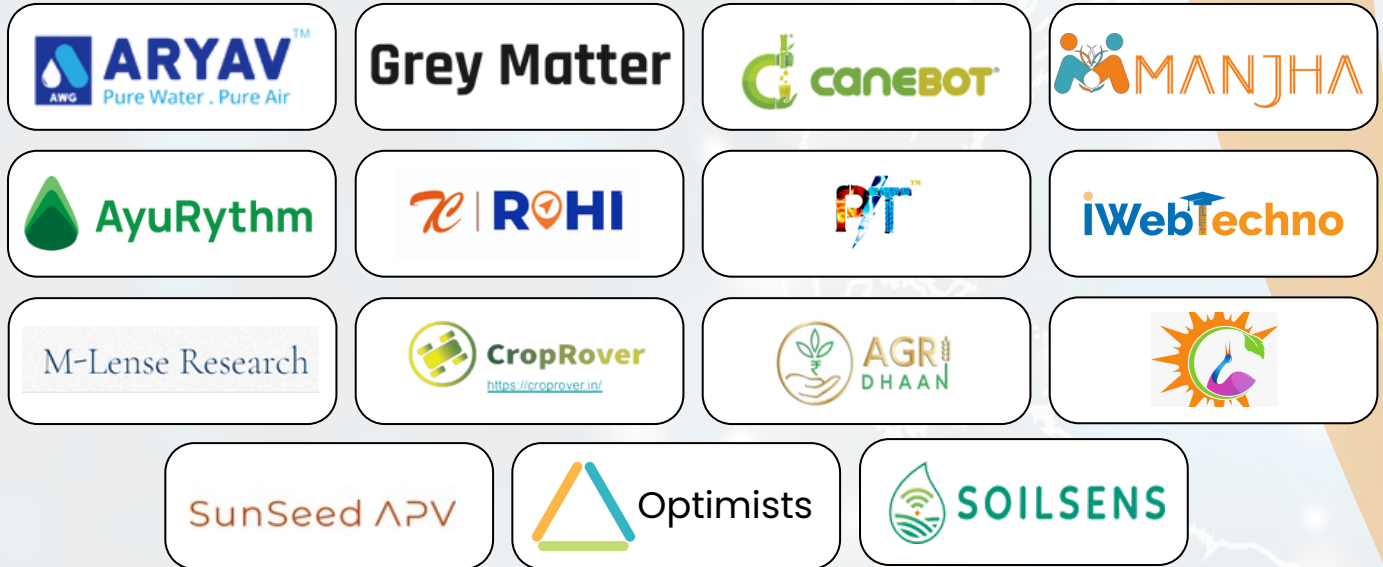
bit.ly/AWadh_Partner

			
			 India's 1 st Integrated Incubator
			
			
			
			
			
			
			
		 Nurturing Passion, Mentoring Success	 Funding Business Community
	 Piper Serica		 Nurturing human excellence through entrepreneurship
 Assisting Early Stage Investments		 TOGETHER. WE CAN.	

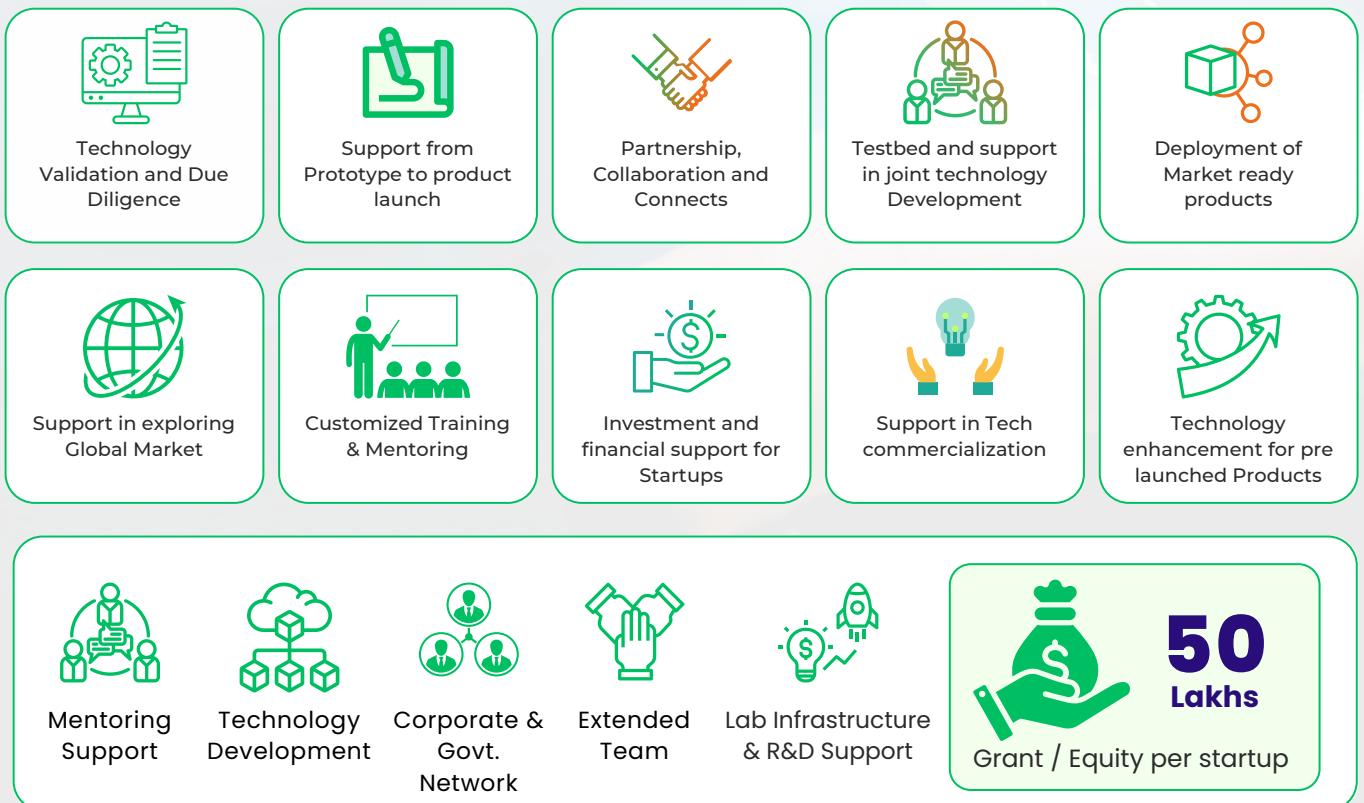
Interested to join as Mentor / Partner

bit.ly/AWaDH_Partner

Top Shortlisted Startups for Pitches (15)



Support for Startups



SPRINT

Upcoming Program

P1 - Prototype

P2 - Pilot

P3 - Product



SPRINT North Edition

Punjab: 05 Sept

J&K: 10-11 Sept

Uttarakhand: 11-12 Sept

SPRINT West Edition

Maharashtra: 08-09 Sept

SPRINT East Edition

Odisha: 15 Sept

SPRINT South Edition

Karnataka: 30 Sept

Eligibility



- Recognised startups
- Have raised past investments
- Granted Patents
- Deep tech innovations
- ICPS focused area
- Women Founders are encouraged to apply
- Revenue making

These terms are just for the overview, if you meet any of the criteria, do apply for the program.



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DEPARTMENT OF
SCIENCE & TECHNOLOGY

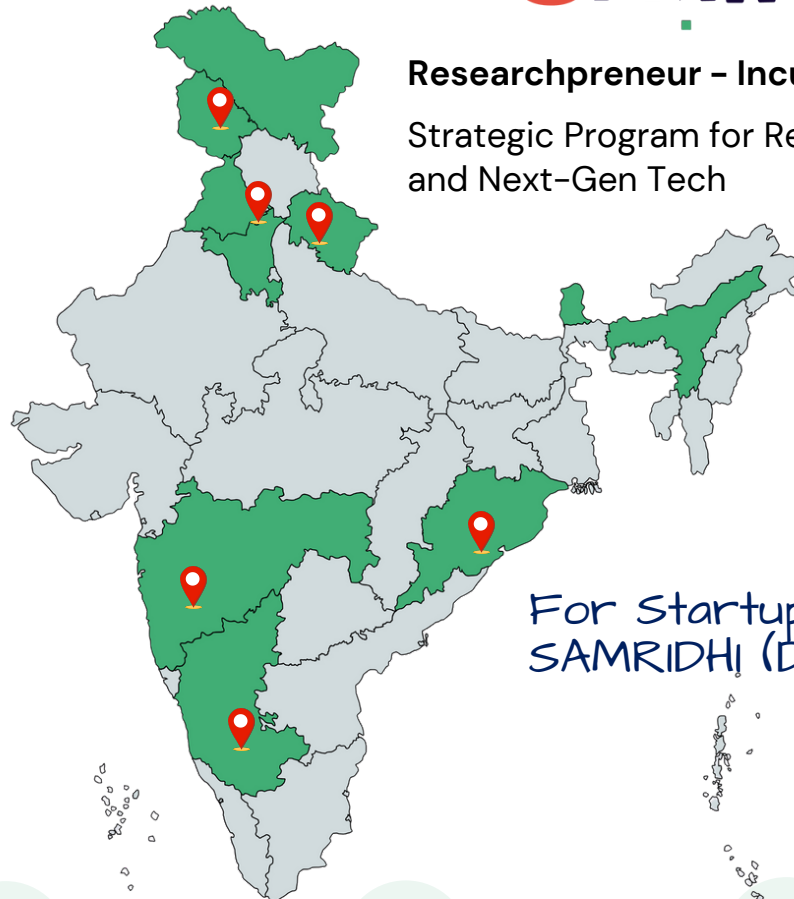


STARTUP 20
Innovation, Entrepreneurship, Collaborations



Researchpreneur - Incubation Program

Strategic Program for Research Innovation and Next-Gen Tech



For Startups under
SAMRIDHI (Demo Day)



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Entity Type

Registered and recognized Startups as defined by the Startup India



Past Investment

Have raised any funds or grant or private equity round in the past



IP and Patent

The startup having Granted Patent or published patents shall be given preference.



Stage of Technology

Have already made the prototype / MVP or is in the final stage of making it or having deep-tech products.



Matching Funds

Where investors are ready to invest or if Startups have already raised the funds



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SAMRIDHI Conclave – Brief Introduction

SAMRIDHI Conclave – Completion Report

Strategic Acceleration for Market, Research, Innovation & Development: a Holistic Initiative for ICPS Startups (SAMRIDHI)

About us: The IIT Ropar – Technology and Innovation Foundation (TIF), a Section – 8 company, was established to support initiatives under the Technology Innovation Hub – AWaDH (Agriculture and Water Technology Development Hub) at the Indian Institute of Technology Ropar, as part of the National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS) by the Department of Science and Technology, Government of India. The TIF played a vital role in nurturing deep tech R&D-driven startups and research community members in the domains of Agriculture and Water, providing incubation and acceleration support for technology and innovation-based ideas and products aimed at sustainable agriculture and environmental solutions, utilizing IoT, AI, and ICPS technologies.

About the Event: The SAMRIDHI Conclave successfully showcased 15 pitches from shortlisted deep-tech ICPS startups that were actively implementing CPS technologies in the agricultural, water, logistics, defense, and other sectors with significant societal impact, aligned with the TIF focus areas. These selected startups pitched for investment support of up to 50 Lakh INR (grant/loan/equity fund) to accelerate their growth and receive mentorship to drive their market impact.

Investment Opportunity: We also extended invitations to potential investors to explore investment opportunities in the showcased startups. We are delighted to report that we initiated discussions on joint investment prospects with startups that aligned with the vision and investment thesis of the organization and its partners, demonstrating promising potential.

Support and Opportunity:

- **Jury Members / Panel Members:** We greatly appreciate the invaluable support of our esteemed jury members in finalizing the startups and determining the quantum of funds that could be invested in them.
- **Potential Investment Opportunities:** We remain open to exploring joint investment prospects in startups that align with your vision, investment thesis, and exhibit promising potential. Investment models can be tailored to suit your preferences if you identify startups during the pitching sessions that pique your interest.
- **Collaborative Opportunities:** Discussions, Memoranda of Understanding (MoUs), and Statements of Intent (Sols) were explored to support and enable deep-tech-focused startups and to launch initiatives under the SAMRIDHI umbrella.
- **Support in Outreach / Networking:** We are thankful for your support in sharing information within your extensive network, communities, social media, and recommendations for startups to Pitch / Exhibit at the Conclave.
- **Exhibition:** Additionally, we are pleased to highlight the 'Tech Storm' exhibition, where a total of 50 startups had the opportunity to showcase their technologies and products. This exhibition provided an excellent platform for direct engagement with startups, allowing firsthand exploration of their innovations.

As a result of our collective efforts, we have successfully established a corpus of 4 Crore INR to support 15 shortlisted startups. Each startup received support of up to 50 Lakh INR, tailored to their specific needs, stage, patent status, product readiness, revenue model, market potential, and team capabilities, among other factors, during the Conclave.

The 'Tech Storm' exhibition, featuring 50 innovative startups, allowed for meaningful interactions and the exploration of groundbreaking technologies and products.

We extend our gratitude for your contributions and collaboration, which have contributed to the success of the SAMRIDHI Conclave and the growth of deep-tech R&D-focused startups in the ecosystem. Together, we have fostered innovation and driven the industry towards new horizons.

For any queries, please write to

- **Mukesh Kestwal**, Chief Innovation Officer, cio@ihub-awadh.in
- **Dr Radhika Trikha**, Chief Operating Officer, coo@ihub-awadh.in
- **AWaDH Team:** people@ihub-awadh.in



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MINISTRY OF
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IIT Ropar-TIF



Editorial Team

Chief Editors

Dr Rajeev Ahuja, Director, IIT Ropar

Dr Pushpendra P. Singh, Project Director, iHub - AWaDH

Dr Radhika Trikha, Chief Operating Officer, iHub - AWaDH

Mukesh Chandra Kestwal, Chief Innovation Officer, iHub - AWaDH

Associate Editors

Saurabh Arora, Incubation Manager, iHub - AWaDH

Divyanshu Gupta, Program Manager, iHub - AWaDH

Contributor

IIT Ropar Technology and Innovation Foundation

(iHub - AWaDH Team).



01881 - 232601



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(iHub - AWaDH)

214 / M. Visvesvaraya Block,
Indian Institute of Technology Ropar,
Rupnagar - 140001, Punjab