Indian Institute of Technology Ropar (iHub - AWaDH)

IIT ROPAR (iHub - AWADH) SPRINT

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

25 Lakhs

Grant / Equity for startups / researchers & innovators

t.ly/AWaDH_SPRINT

LAST DATE: 31-August-2023

"IGNITING THE DEEP TECH REVOLUTION"

Launch of Initiatives

SPRINT (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

Our Honourable Minister **Shri Gajendra Singh Shekhawat,** launched flagship initiatives **SPRINT** and **SAMRIDHI** on 02 June 2023 at **iHub - AWaDH @ IIT Ropa**r 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.

The purpose of the **Krishi Vigyan Vidhi (KVV) 1.0** conclave is to bring together experts, researchers, Startups, and other stakeholders in the field of agriculture to explore and advance the application of agri-tech, smart farming, water management, and advanced irrigation techniques for sustainable agriculture. The conclave aims to facilitate knowledge sharing, collaboration, and innovation in order to address the challenges and maximize the potential of modern agricultural practices. Participants will have the chance to engage with industry leaders, explore innovative technologies, share experiences, and learn about successful case studies. The conclave aims to inspire and empower participants to apply transformative. approaches in their own agricultural practices and contribute to the sustainable development of the agricultural sector.

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

Impacting all **stakeholders**

Day 1

Inaugration session and Keynote addresses by eminent speakers

Track 1: Panel discussions on the role of Smart Farming Practices and Innovative Agricultural Technologies in Agri-tech Transformation for Sustainable Agriculture.

Track 2: Panel discussions on water management and advanced irrigation techniques.

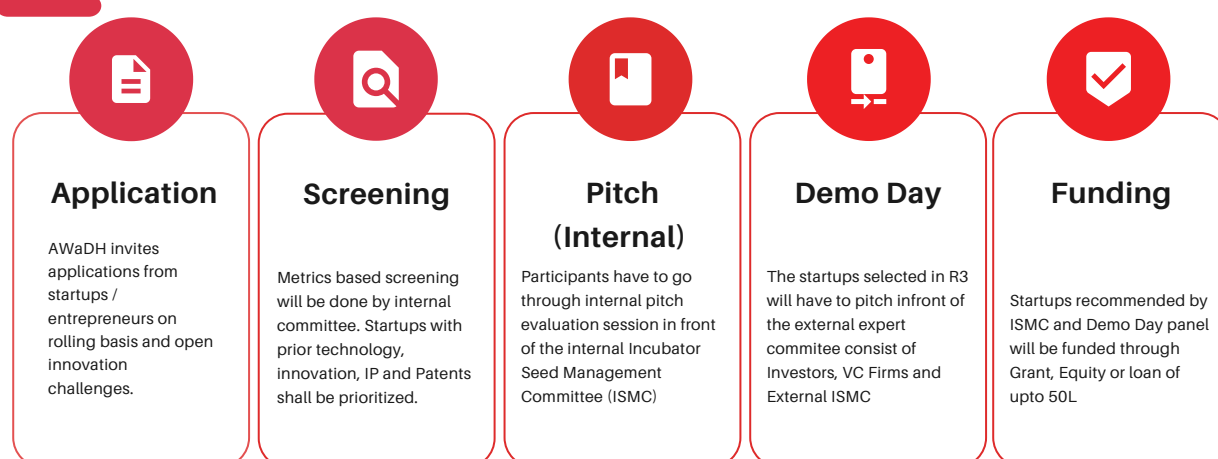**Track 3:** Presentation of shortlisted research ideas.

Day 2

Track 4: Roundtable discussions on policy and regulatory aspects of sustainable agriculture.

Track 5: Networking and industry exhibitions.

Closing session with a summary of key takeaways and next steps.

Award ceremony for outstanding contributions in the field of sustainable agriculture.

Selection Procedure – SPRINT

Application
AWaDH invites applications from startups / entrepreneurs on rolling basis and open innovation challenges.

Screening
Metrics based screening will be done by internal committee. Startups with prior technology, innovation, IP and Patents shall be prioritized.

Pitch (Internal)
Participants have to go through internal pitch evaluation session in front of the internal Incubator Seed Management Committee (ISMC)

Demo Day
The startups selected in R3 will have to pitch infront of the external expert commitee consist of Investors, VC Firms and External ISMC

Funding
Startups recommended by ISMC and Demo Day panel will be funded through Grant, Equity or loan of upto 50L

Timeline

17 Aug — Application Start Date

30 Aug — Registration Closes

05 Sept — Shortlisting Declaration

08 Sept — Event & Demo Day

Join us now — t.ly/AWaDH_SPRINT

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.

For Startups under SAMRIDHI (Demo Day)

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

Support for Startups

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	

Support in exploring Global Market	Customized Training & Mentoring
Investment and financial support for Startups	Support in Tech commercialization
Technology enhancement for pre launched Products	

t.ly/AWaDH_SPRINT

Mentors

Somveer Anand
Mission Director
IM Punjab

Vijetha Shastry
VP
Dexter Capital

Hanisha Vaswani
Founder & Managing Partner
Majority Fund

Shashank Randev
Founder VC
100X.VC

Sweta Tiwari
VP - Venture Building
Alteria Capital

Zaran Bhagwagar
AVP-Startup Ventures
Xelpmoc

Kiran Joseph
Digital Sustainability PM
Syngenta

Amit Mishra
Co-founder & Partner
3to1 Capital

Anubhav Tiwari
Lead East & North East
India, Headstart

Kiran Vuppala
Head - Mazumdar Shaw
Medical Foundation - TBI

Saurabh Trivedi
Founder, IP Samadhan
Partner, Venturebolt

Neera Inamdar
Co-Founder, GREX & RealX
Director, GAIN Accelerator

Prof Rupinder Tewari
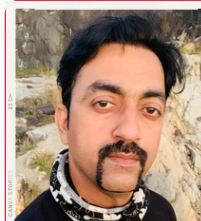Mentor, TEC,
Panjab University, Chd.

Dr Hemang Shah
India Engineering Lead
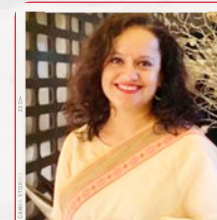(Director), Qualcomm

Dr Ritesh Kumar
Pr. Scientist
CSIR - CSIO

Gautham S
VC Platforms
Blume Venture

Varun Gaur
CTO
Zappian

Balaji Ayyangar
Lead Architect
Trikon

Mamta Bhardwaj
Sr. Scientist C
DST-Centre for Policy Research

Vaniya Dangwal
Head - Partnership
Headstart Network

Tushar Vadera
Lead, Headstart Investor
Circle; Co-Founder, SetMyCart

Nikhil Muppavarapu
AVP (Incubation)
Tamil Nadu Technology Hub

Dr J.K Pandey
Member- NASI, IWRA
Professor, UPES

Mili Kataria
Founder
Pandora's Box

Dr Jayant Pawar
Assistant Director-IIE
Krishna Vishwa Vidyapeeth

Eashita
Business Growth Strategist

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

Harsh Pangi
Founder
IP - FY

Mukesh Kestwal
Chief Innovation Officer
IIT Ropar TIF

Dr. Radhika Trikha
Chief Operating Officer
IIT Ropar TIF

And Many More to come...

SPRINT Conclave - Brief Introduction

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

About us: IIT Ropar – Technology and Innovation Foundation (TIF) is a Section – 8 company established to support the initiatives of the Agriculture and Water Technology Development Hub (AWaDH) at the Indian Institute of Technology Ropar. AWaDH is a pioneering hub under the National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS) by the Department of Science and Technology, Government of India. TIF focuses on empowering deep tech research-driven startups and members of the research community. Our primary domain areas include Agriculture and Water, leveraging cutting-edge technologies like IoT, AI, and ICPS to drive innovation and sustainability.

About the Event: The SPRINT initiative is a cornerstone of our commitment to fostering innovation and research-driven startups. This program aims to accelerate the growth of deep tech-based ideas and products, transforming them into successful startups. SPRINT invites aspiring innovators, researchers, and early-stage entrepreneurs to collaborate and receive vital support, resources, mentoring, and funding. With a strong emphasis on research, innovation, and technology commercialization, SPRINT serves as a vital stepping stone for startups in their journey towards market impact.

Investment Opportunity: We extend an invitation for your support in identifying potential investment opportunities among our SPRINT participants. By becoming part of our esteemed panel of jurors, you can help select promising startups and contribute insights into investment decisions. The startups will pitch for funding support of up to 10 Lakh INR (grant/loan/equity fund) to fuel their growth and commercialization.

Support and Opportunity:
- **Jury Member / Panel Member:** We would like your support as a jury member to finalise the startups, and help us to decide on the quantum of funds that may be invested in them.
- **Potential Investment Opportunities**: We are open to exploring joint investment prospects in startups that align with your vision, investment thesis and show promising potential. Investment models can be discussed together if you identify any startups during the pitching sessions that capture your interest.
- **Collaborative Opportunities:** Discussion / MoU / SoI to support and enable deep-tech-focused startups and to launch initiatives at SAMRIDHI.
- **Support in Outreach / Networking:** To share in your wide network, communities, social media and recommendations for startups to Pitch / Exhibit.
- **Startup Showcase:** Participate in the Tech Storm Exhibition, where startups demonstrate their innovations and technologies.

Let's collaborate to amplify the success of these startups and catalyze innovation in the industry. To support deep tech R&D startups, we've established a fund of 3 Cr INR to back up to 15 shortlisted startups, with a maximum allocation of 10 Lakh INR based on various criteria such as stage, innovation, potential, and more during the SPRINT program.

Exhibition: Additionally, we're excited to present the 'Innovation Showcase' exhibition, offering startups a platform to display their technologies and products. Engage directly with startups, experience their innovations, and explore collaboration opportunities firsthand.

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

धियो यो नः प्रचोदयात् |

"*DhiyoyonahPrachodayāt*" -May the Sun illumine our intellects in the same way he sheds his effulgence.

See you at:
IIT Ropar Technology & Innovation Foundation
AWaDH (iHub - AWaDH)
214 / M. Visvesvaraya Block,
Indian Institute of Technology Ropar,
Rupnagar - 140001,
Punjab

🌐 ihub-awadh.in
✉ contact.awadh@iitrpr.ac.in
✉ people@ihub-awadh.in
in @ ihub-awadh

Register Now t.ly/AWaDH_SPRINT

08 - 09 September 2023

#SPRINT