



PUSA KRISHI

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PM KISAN SAMMAN SAMMELAN &
AGRI-STARTUP CONCLAVE 2022

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1. PM Kisan Samman Sammelan and Agri-start up Conclave

From the 17th to the 18th of October, 2022, a remarkable two-day event unfolded – the Agri Startup Conclave & PM Kisan Samman Sammelan. This event marked a significant occasion, setting the stage for a vibrant celebration of India's pioneering agricultural innovations. This momentous colloquium served as a distinguished platform to showcase and pay tribute to the ingenuity and creativity of the agriculture and allied sectors. The event witnessed an impressive turnout, attracting over 15,000 farmers and Farmer Producer Organizations (FPOs), in addition to 500 agricultural startups. Distinguished government officials, lawmakers, esteemed business leaders, eminent scientists, and renowned academicians were also in attendance.



The Agri Startup Conclave & Kisan Sammelan stood as a resounding success, meticulously organized under the auspices of the Ministry of Agriculture & Farmers' Welfare (MoA&FW, GoI) and hosted by PUSA Krishi, ICAR-IARI as Knowledge Partners.



The event was a showcase of technological prowess, with more than 300 startups participating. These startups were thoughtfully distributed across five hangars, each representing a distinct sector: Post Harvest Tech, Precision Agriculture, Farm Mechanization, Waste to Wealth, and Supply Chain. The occasion included four Panel Discussions, each centered around vital topics: "Startups Addressing Hyper Local Challenges in Agricultural Value Chains"; "Establishing an Ecosystem for Farming as a Service"; "Facilitating Digital Public Goods for Farmers"; and "Global Insights and Experiences". This diverse array of discussions enriched the event's intellectual tapestry.

2. Kisan Bhagidari Prathmikta Hamari

The "Kisan Bhagidari Prathmikta Hamari" campaign unfolded in Daha village, Baghpat, Uttar Pradesh on April 26, 2022. Twelve start-ups engaged with 100+ farmers, showcasing technologies including animal repellent machines, rapid milk adulteration cards, yield-enhancing agri-inputs, low-cost mini potato harvesters, sugarcane bud-stalk cutters, miniature turbines for electricity, and mastitis-detecting milk diagnostics. The event also introduced an online platform for immediate expert insights into diverse farm activities.



3. SAMARTH: Empower the Incubators

"SAMARTH" drives our commitment to nurture a network of 29 KPs & RABIs – agri-incubators spanning India – under the RKVY – RAFTAAR scheme. This program uplifts emerging incubation managers and their centres, sharing proven strategies for effective startup management, business development, and impactful incubation programs. This initiative ensures comprehensive growth for all 29 KPs & RABIs, enabling every Indian agricultural startup to access optimal mentorship.

The latest SAMARTH event, held on June 4th-5th, 2022, featured Dr. Neeru Bhooshan, the then CEO of PUSA Krishi, IARI, emphasizing its significance. Dr. A.K. Singh, IARI Director, highlighted the potential for startups to innovate within existing agricultural gaps. Chhavi Jha, Joint Secretary of DAC, Government of India, as Chief Guest, shared insights into the scheme's commendable progress.

The review panel, including Dr. Neeru Bhooshan, Dr. Charanjeet Kaur, Dr. J.P.S. Dabas, Dr. A.K. Saxena, and Dr. Ramesh Mittal, evaluated the

strides of the 29 incubators. The following day (June 5, 2022) witnessed the RKVY-RAFTAAR Division unveiling the MIS portal for online data upload, refining it based on incubator suggestions.

This program equips RABIs' principal investigators and co-PIs with comprehensive perspectives on planning, marketing, and managing Indian agribusiness incubators, fostering a strong knowledge foundation for diverse startup incubation activities within India's agri-startup ecosystem

4. ITMC

The ITMC (Intellectual Property Rights and Technology Management Cell) meetings are held to assess research outcomes, manage intellectual property portfolios, identify inventions that require protection under intellectual property rights (IPR) and establish terms and conditions for the commercialization of new technologies and varieties developed by IARI. In 2022, three ITMC meetings were conducted, covering topics such as IPR management for 12 technologies, setting terms and conditions for 11 technologies, commercialization management for 12 maize technologies and fixing terms and conditions for those technologies. Additionally, on 29th July, another meeting discussed the commercialization management of 22 technologies. A third ITMC meeting was organized on 16th February 2023, to discuss 28 agenda items related to technology commercialization and IP protection.

4.1 IP Management

ZTM & BPD Unit has been playing an active role in Intellectual Property Management of IARI. In FY 2022-23, the following is the status of IP Management:

- a. 6 patents filed
- b. 35 trademarks filed

c. 6 other IPs registered/granted and 4 PPVFR granted

The 6 patents filed during the FY are:

Application No./ Registration No./ Grant No.	Name of Innovation/ Technology/ Product/ Variety	Date of Filing/ Registrati on on/ Grant
202211021108	A compost turner cum mixer device and a method thereof	8/04/2022
202211021109	A constant head soil moisture application system and a method thereof	8/04/2022
202211021110	A paddy straw collector cum chopper with microbial culture applicator and a method thereof	8/04/2022
202111034651	An acid free premix sprayable biopolymeric composition	2/08/2022
202211042351	A process for the production of calcium-enriched pumpkin crisps through the atmospheric deep-frying	25/07/2022
202211039287	Bio pesticidal Multicomponent Oil Dispersions and Process	08/07/2022

The 35 trademarks that have been filed are technical (3); Agri India Hackathon (6), PUSA Krishi (8) and also its various programs like Beej (6), Upja (3), Shitij (6), Arise (3). The granted ones are 3 from Maitri, 1 from arise, 2 from

Jalopchar and 4 PPVFR (with the denominations HD3385 (Wheat) & three from Rice namely PB1847, PB 1885 and PB1886.

4.2 Technology Commercialization

Generating revenue through technology commercialization is a pivotal marker of success for research institutions and universities. Not only does it help offset the



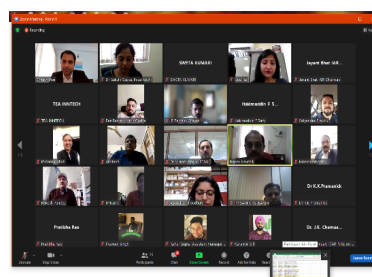
costs of research and development, but it also fuels ongoing innovation and entrepreneurship. ICAR-IARI has cultivated technologies with substantial commercial potential, primed for utilization by businesses. To this end, its 'Lab to Land' Initiative has facilitated the commercialization of 47 technologies, including PB 1847, PB 1885, PB 1886, Direct Paddy Seeder Planter, Power-operated winnower, Pusa Basmati 1509, Seed Production Technology of Pusa nanha, Pusa Mustard 28, Palak-All Green, Onion-Pusa Red, PUSA Electronic Seed Metering Module for cultivators, Pusa Mustard 32, Pusa Mustard 33, among others. These innovations have been embraced by 103 industry partners, yielding a revenue of 163 lakhs through the dedicated efforts of Pusa Krishi, IARI.

In the pursuit of expanding the reach of IARI technologies, Pusa Krishi has diligently gathered industry data from diverse sources. By leveraging channels such as emails, Facebook, Instagram, LinkedIn, and print media, they have effectively communicated information about IARI technologies to a wider audience, fostering a symbiotic relationship between innovation and industry.

4.3 Online IP Workshop on Patent Searching and Drafting

Pusa Krishi organized the practical programme to study "Patent Search & Drafting". The three-day event covered a variety of topics, including how to start using one's patents and why it's crucial for the startups. This workshop also helped build ideas & solutions to learn searching and drafting of patent applications and was conducted from 22nd-24th June 2022 where 39 participants got benefitted. This workshop was beneficial for the startups and inventors, in learning more about patent hunting and drafting.

4.4 Online IP Workshop on Patent Drafting & prosecution of AI and ML Invention



A workshop from 27th to 28th September 2022 was organized, to build ideas and solutions related to Artificial

Intelligence and Machine Learning technologies where 15 applicants were facilitated to learn searching and drafting of patent applications related to Artificial Intelligence and Machine Learning technologies.

4.5 Agripreneurship Development Programs (ADPs)

Seven (7) Agripreneurship Development Programs on various agri-sectors themes have been conducted in FY 2022-23. There were participants in these programs from Pan India as shown in the table below:

S. No.	ADP
1.	A 3-day ADP during 4 th -6 th July 2022, on "Spirulina cultivation & value-added product formulations" trained 23 entrepreneurs, farmers and students on

	cultivating, processing and formulating value-added products from spirulina biomass.
2.	A 6-day ADP during 22 nd -27 th Aug 2022, on "Processing techniques of horticultural and arable crops" trained 13 participants and focused on processing techniques for crops.
3.	A 5-day ADP during 21 st -25 th Nov 2022 on "Processing of Millets & Alternate Grain Foods" trained 15 participants and educated them on growing, preparing and creating value-added goods from millets.
4.	An ADP on 17 th Jan 2023, on "Business Opportunities and Farmer's Role in Carbon Farming and Related Ecosystem Services" aimed to strengthen the concept of carbon farming and ecosystem services and had 9 participants.
5.	An ADP on 18 th Jan 2023 "Smart Urban Farming" had 26 participants and highlighted the importance and scope of smart urban farming for income generation and crop diversification.
6.	An ADP during 13 th -17 th March 2023, on "Seed production, testing and storage in the field and vegetable crops" trained 25 participants in high-quality seed production, seed testing techniques, seed certification and post-harvest seed management.
7.	An ADP during 20 th -24 th March 2023 on "Value Addition Technologies for Millets" trained 35 participants on incorporating millets into conventional foods, showcasing value-added products and introducing FSSAI certification standards.

5. Incubation Programs

The unit has undertaken the implementation of a diverse range of programs aimed at fostering and advancing the agribusiness incubation ecosystem. These programs encompass a wide array of initiatives and activities that have been specifically designed to support and promote

the growth, innovation and sustainability of agribusiness start-ups. Through these programs, the unit is actively involved in providing essential resources, mentorship, guidance and networking opportunities to aspiring entrepreneurs and early-stage agribusiness ventures.

5.1 UPJA 2022 - Launchpad for Lab-to-Market

UPJA stands as an incubation program dedicated to bolstering India's agri-startup landscape. Its prime focus lies in magnifying startups equipped with a viable product or a ready prototype. The program undertakes pivotal roles in technology validation, mentorship, pilot opportunities, go-to-market guidance, and industry affiliations. Remarkably, it extends funding of up to 25,00,000 per startup.



Launched on April 1st, 2022, UPJA attracted 334 applications, ultimately selecting 46 startups for a two-month incubation program commencing on July 4th, 2022. This comprehensive endeavor encompassed core mentoring sessions, delving into aspects like product refinement, business model adaptation, financial strategies, and go-to-market tactics. With a total of 28 learning sessions and 408 personalized mentoring sessions orchestrated by industry and business experts, along with insights shared by 22 expert speakers, the program fortified startup acumen.

A significant milestone arrived on September 3rd, 2022, with an online valedictory ceremony. This event offered a platform for startups to share their transformative incubation journeys. Additionally, strategic RIC-II and RIC-III meetings were convened on specific dates, culminating in the selection of 20 and 16 startups, respectively, for further funding.

5.1.1 Program Activities

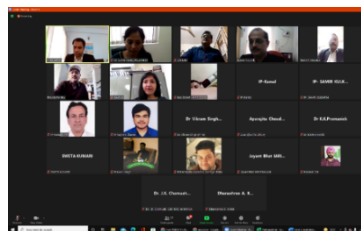
During the 2-month residency program, incubates attended lectures by IARI faculty and industry experts. These sessions covered agribusiness operations, including business management, technology refinement, market assessment and IP management. They also received personalized mentoring sessions tailored to their specific needs. Additional activities included visits to IARI facilities, participation in the Pusa Krishi Unnati Mela to showcase innovations/technologies, a visit to the Startup India team at Vigyan Bhawan to discuss concerns and leverage Startup India's activities and a one-day workshop on "Startup to Corporate" focusing on consumer behavior, developing markets and operation management in agriculture.

5.1.2 Funding & Acceleration

Pusa Krishi provides funding and acceleration programs to support the growth of startups with prototypes, products, or services that generate revenue. Accelerators offer intensive programs that include mentorship, workshops and networking events to help startups scale and achieve profitability.

5.2 ARISE 2022 – Launchpad for Agri-Startups

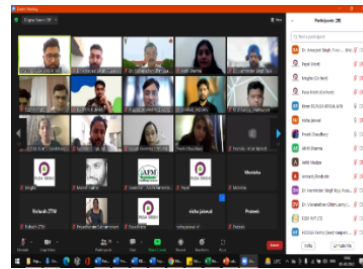
ARISE 2022 is a 2-month in-residency cum incubation program for early-stage agri-startups. It aims to provide budding entrepreneurs with the necessary entrepreneurial skills,



mentoring and industry exposure to nurture and scale their ideas into sustainable businesses. The program offers business and technology validation, mentoring, market linkages and grant funding of up to 5,00,000 per startup. After

receiving 232 applications, 30 startups were shortlisted for the RIC meeting. Following the 2-month incubation program, 20 startups were selected for pre-seed stage funding in the RIC-II meeting and 11 startups were shortlisted in the RIC-III meeting. The valedictory session took place on September 3rd 2022.

5.2.1 Program Activities

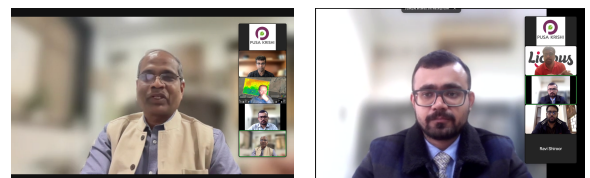


The two-month residency program provided insights into the current agricultural scenario, financial planning, business

understanding and IP issues for selected startups. Incubatees participated in mentoring sessions by industry, technical, IP and financial experts. Each startup received personalized sessions to address their specific needs and build networks. Additional activities included Startup Farmers Dialogue to gather feedback from farmers, Vaad Samvaad – Arise Telecast on DD Kisan to raise awareness about agricultural technologies and a panel discussion on the agri-startup ecosystem in India under the program Pusa Momentum Startup, among others.

6. Agri Startups Strengthening Events

6.1 Agri – India Meet 2.0



Pusa Krishi conducted the first Agri India Meet in 2021, attracting participants from all corners of the industry in its ongoing effort to grow the

ever-evolving agri-startup ecosystem. Advancing the course established by the first edition and our other recent projects. AIM 2.0, the second series of the Agri India Meet, was held from November 21st to December 3rd 2022. Around 40 speakers participated in the 9 editions of Agri India Meet that we hosted. About 500 people registered for the event and each episode attracted over 200 attendees.

Topic: Evolving Landscape of Precision Agriculture & Role of Start Ups
(315 Partiipants)

Speakers:

- Dr. R. N. Sahoo, Principal Scientist, Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute.
- Mr. Tim Neale, Founder & Managing Director, DataFarming (Australia).
- Dr. Sat Kumar Tomer, Founder & CEO, Satyukt Analytics Private Limited.
- Mr. Venky Ramachandran, Agritech Analyst and Consultant at Agribusiness Matters (Moderator).

Topic: Role of Agri Startups in Solving Fresh Produce Marketing
(281 Participants)

Speakers:

- Dr. Omveer Singh, Dy. Managing Director, Mother Dairy Fruits & Vegetables
- Mr. Sanjay Vidyarthi, Rural & Small & Marginal Farmers Development Evangelist
- Ms. Shweta Thakre, Co-Founder & CPO, Gramheet
- Dr. Jagdish Sunkad, Director, Kanakadhara Agricultural Innovations Private Limited (Moderator)

Topic: Mechanizing the Farm and Creating Viable Businesses
(205 Partiipants)

Speakers:

- T.R. Kesavan, Group President, TAFE
- Ramesh Ramachandran, SVP, Mahindra & Mahindra
- Nijagun Hiremath (Moderator), Founder, Jivanah Agri
- Sergio Soares, Innovation Head, CNH

Topic: Carbon Credits Enabling Sustainable Agriculture
(229 Partiipants)

Speakers:

- Dr. Bhupinder Singh, Head, Environmental Science, IARI
- Rohan Parikh, Head of Sustainability, Nurture.Farm
- Usha Zehr, Executive Director, Grow Indigo
- Meagan Fallone, Chief Impact Officer, Innoterra
- Sukhmeet Singh, A2P Energy

Topic: Building Hyperlocal Value Chains for Indian Agriculture
(215 Partiipants)

Speakers:

- Mr. Ajay Kakra, Managing Partner, JU Agri Sciences
- Mr. Alok Duggal, Co-Founder & COO, FAARMS
- Mr. Shashank Singh, Co-Founder, POSHN
- Mr. Gaurav Poddar, VP – Farmer's Services, DeHaat

Topic: Food Processing Novelty & Innovation
(219 Partiipants)

<p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Sanjeev Kumar Sharma, Senior Group Leader in AMEA Chocolate Productivity • Mr. Sameer Gupta, Director & Founder - Haldivita • Shashank Gaur VP Innovation, Elmhurst Milked LLC. • Moderator – Dr. Akriti Sharma
<p>Topic: Delivering Digital Public Goods To Farmers (210 Partiipants)</p>
<p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Shireesh Joshi, Chief Business Officer & President, Network Expansion ONDC
<p>Topic: Agri Allied Sector – Opportunities & Challenges for Startups (216 Partiipants)</p>
<p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Rajesh K., Chief Quality & Sustainability Officer, Licious. • Mr. Ravi Shrioor, Co-founder & COO, StellApps. • Mr. Danish Kakar, Director of Technology, FreshR. • Moderator – Dr. A.K. Singh, Joint Director – Academics, ICAR – National Dairy Research Institute (NDRI).
<p>Topic: Evolving Agri-Fintech Landscape in</p>

<p>India (210 Participants)</p>
<p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Hemendra Mathur, Co-Founder, ThinkAg & Venture Partner, Bharat Innovation Fund. • Mr. Suresh Venkatesan, Group Head Information Technology, Samunnati. • Mr. Neetesh Thakur, Founder, Grey Matter. • Moderator – Mr. Ashu Agrawal, India Lead & Global Founding Team Member, Asia Tech Journal.

6.2 Visits to Startups Facilities by PUSA Krishi Team

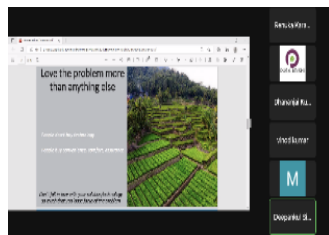
Pusa Krishi team conducted comprehensive site visits to assess and verify the facilities of the incubated startups during the FY 2022–23. These visits included inspections of the registered office, corporate offices and research and operations areas, to evaluate the current status of the startups' products & services on the ground. It aimed to ensure accountability, transparency and effective utilization of resources in support of the incubated startups' growth and success.



6.3 BEEJ 2022

Under NIDHI – TBI Pusa Krishi, three programs are running: BEEJ – Masterclass Series, SHITIJ – Nurturing Agri Innovations and Her Harvest – Pre-Incubation Program for Women

Entrepreneurs. BEEJ 2022, the pre-incubation program for early-stage startups, took place from



September 12th to 23rd, 2022. Joining BEEJ offers the benefits of ICAR-IARI's strong network and PUSA Krishi's incubator support. The program includes a 2-week Masterclass series where experts discuss agriculture trends and strategies. Additionally, startups gain valuable networking opportunities with like-minded entrepreneurs and agri-enthusiasts. For this year, the application deadline was September 11th 2022 and a total of 54 applications were received. The program aimed to support innovative young minds aspiring to become entrepreneurs in the agriculture sector.

Sessions: An informative session on agriculture innovation, ecosystem and opportunities was led by Dr. Bhooshan and Dr. Akriti Sharma from Pusa Krishi IARI. Dr. Renuka shared her story and emphasized the problem-solving attitude for startup founders/CEOs. Mr. Chintamani covered startup finances and common mistakes, highlighting the importance of pitching to the right investors. Design thinking and its implementation were discussed by Mr. Nitin to help startups place their products effectively. Ms. Chaudhary provided a comprehensive guide on finding customers, expanding market reach and growing sales. Mr. Nigam talked about targeting the right audience for sales success. Dr. Sakshi shared key knowledge on intellectual property for startup founders. Mr. Goyal covered essential legal basics for launching a startup. Ms. Sharma discussed startup case studies, while Mr. Alam focused on building a stable, growing business.

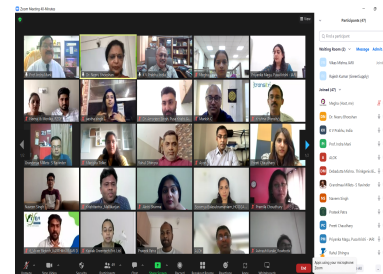
6.4 SHITIJ 2022

SHITIJ 2022-23' is an innovative program introduced by Pusa Krishi to revolutionize the agriculture innovation landscape and encourage greater startup engagement. It aims to bridge the gap between traditional

agricultural practices and technological advancements. This initiative aligns with ICAR-IARI's legacy and involves collaborative research, communication through various platforms and outreach efforts. Over 500,000 emails were sent to relevant stakeholders, including State Agricultural Universities, ICAR Institutes, Industry Partners, Corporate Members, Alumni and Ecosystem Partners. The program aims to empower the sector, improve household income and support startups in becoming strong and sustainable businesses for the benefit of stakeholders and the nation. Pusa Krishi received 113 applications this year. Each application was evaluated by three evaluators (Technical, Business/ Finance and Incubator) and shortlisted applications for the preliminary round where the startups pitched in front of the Jury members over a period of 2 days – 21st & 22nd Dec 2022. On 23rd of December the result was announced and 20 startups were selected for the cohort. A letter of support was also given by Pusa Krishi to these selected startups.

6.4.1 Inauguration & Sessions

The program was inaugurated online on 16th January 2023 by Dr. Akriti Sharma, Sr Scientist & Co-PI, PUSA Krishi with all selected startups. The first session on the Landscape of Indian Agriculture was taken by Dr. KV Prabhu Chairman of PPVFR Authority Govt of India.



Business mentors from industries and startup ecosystems shared their experiences with incubatees, guiding them in business planning and strategy. The sessions included lectures, storytelling and peer-to-peer interactions. Topics covered legal compliances, design thinking, team building, organizational structure and competition analysis. One-on-one business and technical mentoring sessions were conducted during the program, addressing

startups' operational challenges. Startups received separate one-on-one technical, business, finance and IP sessions. Mentors, including IARI Scientists & Industry Experts provided guidance on technical queries and glitches. Applications were received from across the country, with a focus on key areas such as post-harvest, supply chain, precision agriculture and waste to wealth. One to one Technical, Business, Finance and IP sessions were taken separately with all the start-ups from time to time. Pusa Krishi incubator helped start-ups.

6.5 HER HARVEST

Her Harvest 2023, a 5-day online pre-incubation workshop program under the DST-NIDHI TBI project, aimed to enhance the skills of young women entrepreneurs in agribusiness and allied sectors. The program included immersive workshops with experts to address modern-day business skills. It was launched on February 6th 2023. The workshop sessions were conducted online from March 13th to 17th 2023, with active participation from 64 attendees. Participants gained hands-on experience with business tools and received benefits such as workshop-based sessions, upskilling, learning from mentors, access to knowledge resources, networking opportunities and an e-certificate upon completion. During the event, Ms. Minakshi discussed the importance of new ideas and accelerating them through mini tasks, focusing on startup finances, business structures and creating budgets. Ms. Pranita emphasised the use of social media platforms to increase sales with minimal effort. Ms. Vijayvergiya shared her success story using digital platforms and the

HER HARVEST	
The Incubation Program for Women Entrepreneurs	
Session 1	Getting Started with Startup Finances Minakshi Todi 13 February 2023
Session 2	Leveraging Social Media for Business Growth Pranita Bajoria 14 February 2023
Session 3	Go Digital, Make Your Brand Big Vidushi Vijayvergiya 15 February 2023
Session 4	Building A Women Entrepreneur Community Neeja Palisetty 16 February 2023
Session 5	Exploring Innovative Business Models Renata Millett & Shreya Kothari 17 February 2023

impact of creative AV content on brand recall. Mrs. Palisetty highlighted the role of work differentiation in a competitive environment. Ms. Millett and Ms. Kothari discussed different business models and the importance of adapting them based on regular evaluation.

6.6 Market Platform at PUSA KRISHI VIGYAN MELA for Startups

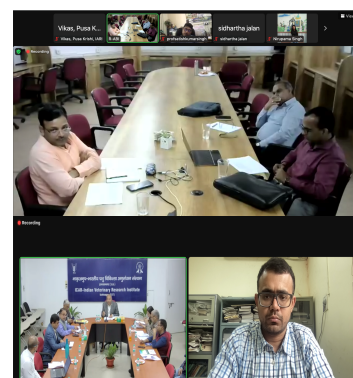
Pusa Krishi Vigyan Mela 2023, organized by ICAR- Indian Agricultural Research Institute, took place from March 2nd to 4th 2023. The event was inaugurated by Narendra Singh Tomar, Union Minister of State for Agriculture



& Farmers' Welfare. Startups had the opportunity to showcase their technologies/ innovations and interact with farmers, customers, industry experts and investors. Some startups made sales on the spot and established customer pipelines. Out of the 43 participating startups, 7 were millet-based startups that set up stalls in the thematic area. This provided them with valuable marketing and networking opportunities.

6.7 Centre of Excellence (CoE) Incubation Evaluation Meeting

Pusa Krishi, IARI conducted the Centre of Excellence (CoE) Incubation Evaluation Meeting for Raftaar Agribusiness Incubator (RABIs) under the



RKVY-RAFTAAR scheme. Startups were evaluated and recommended for funding in two incubation programs: AOP (pre-seed funding for startups at the ideation stage) and Seed Funding (funding for startups in the pre-commercialization stage). Various RABIs participated in the evaluation, selection and recommendation process.

7. Corporate Membership

ZTM & BPD Unit offers 'Corporate Membership' to foster strong relationships with industry and commercial enterprises for the dissemination of IARI's varieties and technologies. Corporate members gain access to exclusive benefits, including access to breeder seeds, interaction with scientists and information on seed programs and innovations.

In the year 2022-23, 121 new corporate members were enrolled and 125 existing memberships were renewed, totaling 246 corporate members. The revenue generated from corporate memberships was Rs. 10,07,500/-, with 4 new industry partners enrolled and 2 membership renewals in the current quarter, generating revenue of Rs. 30,000.

8. Awards Recognition & External Funding to PUSA Krishi Startups

Gram Shree Kisan received a seed funding of Rs. 10 lakhs under the Bihar Startup Policy on November 18th 2022, from the Department of



Industries, Bihar. The funding recognizes the organization's efforts in creating livelihood and self-employment opportunities in Bihar through animal husbandry and fishery. Founder and CEO of Gramshree Kisan, Mrs. Aastha Singh, was honored with the title "StreeOne India Woman of the Soil" at the SIWAA-2022 (Stree One India Women Achievement Award) held on October 23rd 2022, in Ranchi, Jharkhand. The award recognized her remarkable contribution to the field of agriculture. Gramshree Kisan was also awarded as the Best Social and Impact Enterprise by Sanmarg Business Awards and empaneled as a consultant/consulting firm with NFDB for technical and managerial support services in fisheries and aquaculture. Verdant Impact Pvt Ltd received the Best Emerging Agriculture Startup award by the India Global Business Forum and the Pashudhan Samriddhi Award for animal.ICU. They also received the Gau Seva Samvardhan Puraskar for free lumpy treatment of over 1 crore cows, the Best DairyTech Startup Award by Thar Dairy Sangh for Muzzle Linked RFID Tag Based Animal. Mark Certification and the Goat Entrepreneur award by ICAR-CIGR Makhdoom.



From the Editor's Desk

Greetings! It is with great pleasure that I share the remarkable accomplishments of Pusa Krishi during the fiscal year 2022-23. This year has proven to be a period of immense achievement, characterized by significant milestones in incubation and technology commercialization. As a distinguished knowledge partner, our unwavering commitment to fortifying the capabilities of agri-incubators under the RKVY-RAFTAAR scheme is clearly evident through the inauguration of our flagship program, 'SAMARTH.' This national-level incubation and induction training initiative empowered 29 RABI partners across India with unparalleled knowledge in agri-startup incubation and entrepreneurship development. Over the course of the year, the program, divided into four phases, provided rigorous training to more than one hundred professionals.

Pusa Krishi has made noteworthy strides in agribusiness incubation through our two-month in-residence programs, namely UPJA (seed-stage) and ARISE (idea stage). These initiatives have offered comprehensive incubation to 51 nascent agri-startups, encompassing holistic mentoring, training, and financial support to 36 of these startups. Furthermore, our 'Lab to Land' Initiative has successfully commercialized 47 IARI technologies, fostering revenue generation of 163 lakhs through collaborations with 103 industry partners.

Additionally, the Agri Startup Conclave & PM Kisan Samman Sammelan provided a pivotal platform for networking and cultivating partnerships among farmers, researchers, and policymakers. This forum has been instrumental in promoting agricultural progress, addressing challenges, and exploring new avenues for the advancement of the agricultural sector. Our commitment to knowledge dissemination was further exemplified through seven successful ADPs, encompassing topics such as spirulina cultivation, horticultural and arable crop processing techniques, millet processing, carbon farming, smart urban farming, seed production and testing, and value addition technologies for millets. These ADPs have made significant contributions to sustainable agriculture, crop diversification, and the blossoming of agribusiness ventures.

With the presentation of this edition of Taksay, we extend our heartfelt best wishes to the entire Indian agribusiness community. This publication spotlights our consistent success in inspiring, mentoring, and supporting agri-startups and incubators under the RKVY-RAFTAAR scheme. At Pusa Krishi, our dedication to fostering entrepreneurial opportunities through industry leadership and collaborative partnerships remains unwavering. We extend our best wishes to the entire Indian agribusiness fraternity.

From the House of :

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