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सत्यमेव जयते



भारत सरकार  
ICAR



राष्ट्रीय पशु विज्ञान संस्थान  
NIVEDI



ICAR - NIVEDI's

Agri-Business Incubation Centre



# CEO's Desk

Greetings from ICAR –NIVEDI,

To strengthen entrepreneurs and startups, GoI rolled out ₹ 24K Crore worth Prime Minister Dhan-Dhaanya Krishi Yojana (PMDDKY), a six-year scheme aimed at boosting agricultural productivity and farmers income across 100 aspirational districts, which would likely to benefit around 17 million farmers. The scheme is likely to provide ample entrepreneurship opportunities for rural youth to make innovative approaches in post-harvest value added crop products as well as livestock and fisheries sector. Further incentivizing the sector, GoI has dramatically rationalised the GST (12 /18 % to 5% or nil) in agriculture, making it a farmer-friendly, pro-rural, and pro-sustainability reform lowering costs for farmers, boosting cooperatives and FPOs, and strengthening food security.

Team NaaViC relentlessly promoted its key flagship programs aligned with national goals of 'Self-sufficiency' in agri-allied sector through diversification and resource conservation by promoting natural and organic farming. NaaViC launched 10<sup>th</sup> cohort call for innovative business proposal which received an overwhelming response with 421 applications. In IP, received Copyright registration for NEO logo. On routine, physical and technical progress of previous cohorts (1 to 8) were carried out and released grant-in-aid of Rs. 36 Lakh to 9<sup>th</sup> Cohort 7 startups.

Honorable Shri Shivraj Singh Chouhan, Union Minister of Agriculture and Farmers welfare, made his maiden visit to ICAR-NIVEDI and interacted with key startups of NaaViC on the occasion. He emphasized for 'Swadeshi' manufacturing of goods as well as consumption amid global tariff turbulences.

Going global, NaaViC hosted Brazilian delegates under Maitri 2.0 India-Brazil Cross Border Agri-Tech Incubators program to strengthen collaborative R&D, technology co-development, and cross-border incubation opportunities in agriculture, livestock and fisheries sector. Team NaaViC co-ordinated the effective interactive sessions between the key incubator ecosystem players of Bengaluru with Brazilian delegates under the umbrella of 'Vasudhaiva kutumbakam', meaning 'the world is one family', and so is the 'Technology Incubator is One family', for the Greater Good of Globe.

-Dr. Sathish B. Shivachandra



Chief General Manager,  
NABARD, Karnataka

In the midst of global geopolitical and financial fluctuations, the Indian economy continues to demonstrate resilience and steady growth. This progress is a testament to the visionary leadership and timely policy interventions by both the central and State Governments.

Recent reforms in income tax slabs and Goods and services Tax framework, are expected to significantly boost domestic consumption. These measures not only stimulate production and demand but also create fertile ground for entrepreneurial innovation-enabling emerging business leaders to deliver the right products, services and technologies to the market.

NaaViC Agri-Business Incubation center at ICAR-NIVEDI plays a pivotal role in nurturing this entrepreneurial spirit. By bridging the gap between innovation and implementation, NaaViC empowers the next generation of agri-business leaders with pioneering solutions and advanced technological development.

NABARD extends its best wishes to the NaaViC Incubator and reaffirms its commitment to providing intellectual and institutional support in transforming these promising entrepreneurs into future industry leaders. We also commend the efforts of these budding founders whose innovations are strengthening our value chains through emerging technologies.

Together, we look forward to a future of inclusive growth and sustainable development.

- Dr.Surendra Babu



# Union Agriculture Minister Shri Shivraj Singh Chouhan visits ICAR-NIVEDI



Union Minister of Agriculture and Farmers Welfare, Shri Shivraj Singh Chouhan, visited the ICAR – National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru on 29<sup>th</sup> August 2025. On the occasion he interacted with Startup founders incubated at NaaViC.



Reiterating that “Kisan is Annadata, and serving him is like a Divine Pooja”, Shri Chouhan aligned his message with the Prime Minister’s vision of building a stronger India and achieving the world’s top economy status. He assured farmers of the Government’s commitment to safeguarding their interests at all costs without yielding to external pressures. He further encouraged students and research scholars to dedicate their careers to agriculture and selfless service to farmers.

At the exhibition stalls, Several startups incubated under NaaViC Agri-Business Incubator, including Agrihawk Technologies Pvt. Ltd., Magnimous InfoTech Pvt. Ltd., Kempmann Bioorganics LLP, Barve Technologies LLP, Atsuya Technologies Pvt.



Ltd., Nanosentrix Pvt. Ltd., Weather Cast Solutions Pvt. Ltd., AgriBotic Systems Pvt. Ltd., and Neer Shakti Systems Pvt. Ltd., demonstrated their innovations. NaaViC has supported over 75 startups with more than ₹7 crore in grant-in-aid under the RKVY–RAFTAAR scheme of MoAFW.

The programme was attended by Shri. V Somanna, Union Minister of State in the Ministry of Railways and Ministry of Jal Shakti, Government of India, and Shri S. R. Vishwanath, Member of Legislative Assembly (MLA), Dr. Raghavendra Bhatta, Deputy Director General (Animal Sciences), ICAR, The Directors of ICAR institutes in Bengaluru along with scientists, scholars and other stakeholders.

The visit not only highlighted the significant national and international contributions of ICAR–NIVEDI but also gave a fresh impetus to the vision of inclusive agriculture and livestock development through meaningful engagement with farmers, scientists, startups, and entrepreneurs.

## Launched the NaaViC Profile Video



NaaViC, ICAR-NIVEDI’s Agri-Business Incubation Centre for Agriculture & Allied Sectors, Animal husbandry and Veterinary services, launched its Corporate Video on the eve of 25<sup>th</sup> ICAR-NIVEDI Foundation day on 1<sup>st</sup> July, 2025 for promotion of entrepreneurship in Agriculture-allied sector under the Ministry of Agriculture and Farmers Welfare, GOI.

The video comprehends the overview of the center activities along with the initiatives to support the upcoming innovative ventures with the concrete support structures with aligned ecosystem. The Video also highlights overall achievements with the key insights from the successful founders as well as Governing and advisory bodies.



# Maitri 2.0



## India-Brazil Cross Border Agri-Tech Incubators Program



ICAR–NIVEDI, through its NaaViC Agri-Business Incubation Centre, hosted the Brazilian delegates for Phase-II of Maitri : India–Brazil Cross Border Agri-tech Incubators’ Program in Bengaluru on 29<sup>th</sup> September, 2025, marking an important step in strengthening ties between the two leading agricultural economies. The Brazilian delegates Dr. Hamilton Humberto Ramos, Dr. Ana Eugenia De Carvalho Campos, Dr. Priscilla Rocha Silva Fagundes, Dr. Carlos Nabil Ghobril, Dr. Sergio Luiz Dos Santos Tutui, Dr. Luciano Zucuni Pes were present along with the Brazilian Embassy reps Mr. Angelo Mauricio and Mr. Taciano Zimmermann.



Dr. Baldev R. Gulati, Director, ICAR–NIVEDI, highlighted the institute’s role in safeguarding India’s livestock sector through advanced biotechnological and digital solutions. Dr. Sathish B. Shivachandra, PI–CEO of NaaViC, introduced the incubation ecosystem and outlined opportunities in animal husbandry and livestock enterprises, while Dr. M. M. Chanda and Dr. G. B. Manjunath Reddy led discussions on the sector’s economic importance and shared challenges requiring joint efforts by India and Brazil.





On the Indian Side NaaViC Senior Advisor Mr. Satish Chandra Chintamani highlighted the current agricultural technological trends developed by budding entrepreneurs with cutting edge technologies aiming to resolve the ground issues faced by Indian farmers. He also spoke about the future trends of Indian innovation drive where both the nations could be encashed were outlined. Mr. Jagadeesh Sunkad, NaaViC Advisor gave an outline of how both the ecosystem can come together in realising the major differentiator of the landscape in two different countries and map the disruptive technologies for commercialization at the global scale giving an opportunity for both of the ecosystem initiating from the current Maitri Initiatives with a concrete long term objectives.



The programme also included a visit to ICAR-IIHR, where Dr.T. K. Behera, Director, presented recent advancements in horticultural science, highlighting innovations in novel fruit varieties, value-added products, and successful technology commercialization initiatives under ABI, BESST-HORT. The delegates engaged in insightful interactions with incubatees and undertook field visits to horticultural farms, gaining a comprehensive understanding of India's research-driven and innovation-oriented horticulture ecosystem.

As part of the programme, Dr. S. N. Sushil, Director, ICAR-NBAIR, addressed the participants on the emerging sector of bio-inputs in India. In a series of interactive sessions, the Indian and Brazilian delegates explored avenues for collaborative R&D, technology co-development, and cross-border incubation opportunities in agriculture and livestock.







The delegation visited the Indian Institute of Science (IISc) to explore ongoing projects and cutting-edge technologies. They received a detailed briefing on the Foundation for Science, Innovation and Development (FSID), where Dr. Tulasi, Head of Innovation, outlined its four divisions CORE (Unfolding Value), STEM (Deep Science Startups), TIME (Unfolding Innovations), and SEED (Science for Humanity). The team also toured the Centre for Product Design and Manufacturing (CPDM) laboratories, observing innovative setups and advanced research facilities.



Subsequently the delegates visited the Karnataka Digital Economy Mission. Mr. Chetan Dixit, the Vice President addressed on thriving Ecosystem of Karnataka. Bengaluru being a Vibrant Global Capacity Centre not just fueled the high stakes in catering the global requirement, but the talent pool across to ensure the Multiple Billion dollar ventures with the promising growth. Mr. Dixit highlighted the horizon of the support structure was not limited to Bengaluru, but the initiatives are kicked off beyond Bengaluru towards inclusion and digitalization across the state of Karnataka. Followed by Dr. Seema Kulakarni, Project Manger explained the crucial role played by Reserve Bank Innovation Hub and their high time involvement in empowering the subjects under digital safety. RBIH initiatives are not just restricted to safeguard the tech involvement in digital payment platform, but also focusing on Lending platform along with Agri Initiatives by reaching its last mile user. Along with them Ms. Amruta Jogalekar from Bangalore BioInnovation Centre spoke about the cutting edge scientific research and technologies being developed in their centre. The institute being at the core of Biotech not only just restricted to the Life Sciences but spread their wings under Agri and Animal Biotech in pioneering deep tech.

The delegation expressed strong interest in forging future partnerships with Indian institutions, particularly in co-incubation, student exchange, technology validation, and joint R&D initiatives, to be further advanced under forthcoming MoUs between the two countries.

## Startups Achievements, Mentoring and Evaluation of Startups

### 1<sup>st</sup> Cohort Entrepreneurs Physical Verification of Startups

Startup Name: **Nutriplus Foods Private Limited**, Bagalkote

Founder Name: Dr. B R Athani

Company incorporated year: 2016

Grant-in-Aid Recommended : 12 Lakh

Focus Area: Animal Husbandry

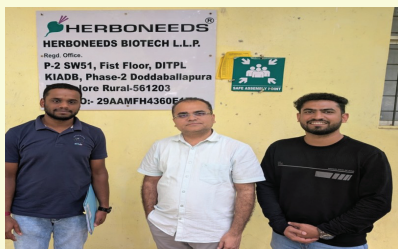
Product: Residue free meat, supply chain





On 10<sup>th</sup> April 2025, Team NaaViC assessed Nutriplus Pvt.Ltd developmental progress and verified the expenditure incurred under the 3<sup>rd</sup> tranche of the grant-in-aid. During the evaluation, the team noted significant strides made by the company in scaling operations and product outreach.

Achievement: The startup has achieved an impressive annual revenue of ₹10 crore, demonstrating effective fund utilization and promising potential for sustained growth in the agri-food sector.



Startup Name: **Herboneeds Biotech LLP**, Bengaluru

Founder Name: Dr. Vasanthkumar S.P

Company incorporated year: 2019



Grant-in-Aid Received: 10 lakh

Focus Area: Animal Husbandry

Product: Areca Leaf based-novel Bedding material for Rodents in Biomedical Research and Equines



On 18<sup>th</sup> July 2025, Team NaaViC visited Herboneeds Biotech LLP to assess the project's progress. The team interacted with the founder, Dr. Vasanth Kumar, and verified the expenditure incurred under the third tranche of the grant-in-aid.

Achievement: Despite certain setbacks in infrastructure development, the startup demonstrated resilience by bouncing back successfully. It has commenced mass production of bedding material and is currently generating a monthly revenue of approximately ₹1 lakh.

## 2<sup>nd</sup> Cohort Entrepreneurs

The Startups supported under NEO categories have graduated namely M/s Peptomer therapeutics Pvt Ltd, Aspatika Biotech Pvt Ltd and Aloha Global Consulting Pvt Ltd. Peptomer therapeutics Pvt Ltd have entered the market at the early stages of trails and entered into a MoU with ICAR-NIVEDI for further evolvement under therapeutic protein treatment to diseases. Aspatika Biotech found the early traction under Gaur Gum based poultry feeds and been supplying around the poultry in southern Karnataka with early traction. Aloha Global a community app for pet care and cloud kitchen has been playing a pivotal role in outreach of their service at the core of urban population.

## 3<sup>rd</sup> Cohort Entrepreneurs

### Physical Verification of Startups

Startup Name: **Kempmann Bioorganic LLP**, Bengaluru

Founder Name: Mr. Vijeth Arya

Company incorporated year: 2016



On 8<sup>th</sup> April 2025, Team NaaViC evaluated the progress of the startup and verified the expenditure of the 3<sup>rd</sup> tranche of grant-in-aid.

Achievement: The startup has achieved revenue of ₹60 lakh. The startup has designed the male cartridge mold for field durability and controlled pheromone release, with a universal fit for compatibility across various trap models available in the market.

Grant-in-Aid Recommended : 13 Lakh

Focus Area: Agri Inputs

Product: A novel trapping system uses lures to attract and capture female fruit flies for effective control.

Farmers supported: 200+



## 4<sup>th</sup> Cohort Entrepreneurs

The active startups under 4<sup>th</sup> Cohort such as Bhojpatta Agripreneur Pvt Ltd under NEST category along with Vishwakarma Agriculture Pvt Ltd Under NEO category are utilizing 2<sup>nd</sup> Tranche and their progress are being monitored by NaaViC. Bhojpatta Agripreneur Pvt Ltd, an ideation from Grassroot innovator is being praised across nation for his sustainability and bio degradable approach in reusable plates from pseudo stem of banana with a huge traction in northern part of Nation. The startup has also taken a leap in filling their patent application to ensure the safeguard of their technology. Vishwakarma Agriculture Pvt Ltd, a smart electric thresher embedded to a tractor has completed its initial phase of trial successfully and ready for the early market deployment.

## 5<sup>th</sup> Cohort Entrepreneurs Physical Verification of Startups



Startup Name: **Green Square Technologies Private Limited**, Bengaluru  
Founder Name: Dr. Narendra Ram MS  
Company incorporated year: 2017

On June 23, 2025, Team NaaViC evaluated the progress made under the 2<sup>nd</sup> tranche of funding. The startup focuses on the commercial cultivation of Phalaenopsis orchids using innovative, technology-driven methods. During the visit, the Founder presented a comprehensive update covering financial performance, prototype development, and milestone achievements. Achievement: The startup has achieved an annual revenue in the range of ₹30 to ₹40 lakh, reflecting its steady market growth. The startup produce the finest quality, contaminate free elite tissue cultured plants for domestic and international markets. They grow up to 3 million plants per year in environmentally controlled laboratory and gardening houses.

Grant-in-Aid Recommended : 20 lakh  
Focus Area: Horticulture  
Farmers supported: 25

## 6<sup>th</sup> Cohort Entrepreneurs Physical Verification of Startups



Startup Name: **Kodo Premium Private Limited**, Dharwad  
Founder Name: Mr. Mahaveer Dhareppanavar  
Company incorporated year: 2022

On 11<sup>th</sup> April 2025, Team NaaViC evaluated the company's progress and verified the expenditure made using the 2<sup>nd</sup> tranche of grant-in-aid.

Achievement: The startups has achieved revenue of ₹50 lakh. It has effectively utilized the funds to scale its operations and enhance its product offerings in the premium animal feed sector, demonstrating strong potential for continued expansion and success in the market.

Grant-in-Aid Recommended : 3 Lakh  
Focus Area: Waste to Wealth / Value Addition  
Product: Commercial poultry feed by using silkworm pupae





Startup Name: **Sharon Agritech Pvt Ltd**,  
Kerala  
Founder Name: Mrs. Neethu Paramel  
Company incorporated year: 2017

Grant-in-Aid Recommended: 25 Lakh

Focus Area: Agri Mechanization

Product: Low-cost manual milking machine

Achievement: The startup has sold 40 products and achieved revenue of ₹10 lakh.

## 7<sup>th</sup> Cohort Entrepreneurs

The startups under NEO & NEST category utilizing the 2<sup>nd</sup> tranche and their progress is monitored by NaaViC.

One such startup is Atsuya Technologies Pvt. Ltd., which has raised an impressive ₹25 crore to advance its breakthrough technology a clear sign that this innovative venture is on the right track toward impactful growth.



## 8<sup>th</sup> Cohort Entrepreneurs

The NEST 8<sup>th</sup> Cohort incubatees, including Fysi Technologies Pvt. Ltd. and Krishjeev Agri Product Pvt. Ltd., are nearing market expansion, with Fysi enabling early business linkages between farmers and cattle traders through a digital cattle-trading platform across Karnataka, while Krishjeev Agri supports local farmers by establishing decentralized pulse milling units in Jharkhand and Chhattisgarh under a lease-based SHG model. Meanwhile, NEO technologies such as Amboos Software Pvt. Ltd., Herbeeday Beverages Pvt. Ltd., Pixel (Partnership), and Feroma Technologies Pvt. Ltd. are progressing toward prototype development with NaaViC support, focusing respectively on smart fish preservation solutions, herbal-based natural soft drinks, multipurpose agricultural vehicles, and AI-driven onion grading automation.

## 9<sup>th</sup> Cohort Entrepreneurs

### Physical Verification of Startups



Startup Name: **Alimentra Private Limited**,  
Bengaluru  
Founder Name: Dr. Soumitra Banerjee  
Company incorporated year: 2025

On July 17, 2025, Team NaaViC reviewed the progress of the startup Alimentra Pvt Ltd is currently in the process of developing a legume based instant soup powder, specifically formulated to cater to the nutritional and dietary requirements of diabetic individuals. The product is designed to be a convenient, health-focused food solution rich in plant-based protein and low in glycemic index, making it suitable for managing blood sugar levels. The visit was a critical milestone in the pre-disbursement evaluation of the startups eligibility for receiving the first instalment of the grant-in-aid under the scheme.

Grant-in-Aid Recommended: 3 Lakh

Focus Area: Food Processing

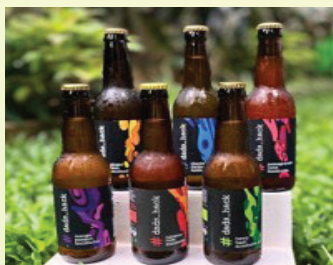
Product: Legume based instant soup powder for diabetic population



Startup Name: **Shankara Water and Energy Solutions Private Limited**, Bengaluru  
 Founder Name: Dr. H B Muralidhara  
 Company incorporated year: 2022

On July 17, 2025, Team NaaViC reviewed the startups progress prior to the release of the first instalment of the grant-in-aid. Shankara Water and Energy Solutions Pvt. Ltd. is engaged in the development of cost-effective and user-friendly water quality testing kits aimed at enabling timely detection of contaminants in drinking and agricultural water sources. These kits are designed to be portable, affordable, and simple to use, even in rural and resource-limited settings. Their application spans across agricultural, domestic, and industrial sectors, addressing the critical need for real-time water quality monitoring, especially in areas with limited access to laboratory infrastructure.

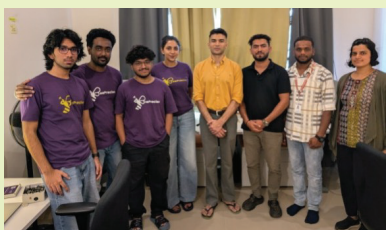
Grant-in-Aid Recommended : 2.5 Lakh  
 Focus Area: Farm mechanization  
 Product: Cost Effective Water Quality Test Kits



Startup Name: **Kombucherie Private Limited**, Bengaluru  
 Founder Name: Mr. Zeshan Rahaman  
 Company incorporated year: 2021

On July 18, 2025, Team NaaViC conducted a comprehensive evaluation of the startup's progress and overall readiness ahead of the disbursement of the first instalment of the approved grant-in-aid. The startup has developed fermented probiotic tea-based beverage, aimed at promoting gut health and overall well-being. The assessment focused on key aspects such as product development, market readiness, regulatory compliance, and the startups capability to utilize the funding effectively to scale operations.

Grant-in-Aid Recommended : 5 Lakh  
 Focus Area: Food Processing  
 Product: Fermented probiotic tea-based drink.



Startup Name: **Ecosight Technologies Private Limited**, Bengaluru  
 Founder Name: Ms. Rishina Kuruvilla  
 Company incorporated year: 2023

On July 18, 2025, Team NaaViC evaluated the startup's progress and readiness prior to the disbursement of the first instalment of the approved grant-in-aid.

Ecosight Technologies is an agritech startup innovatively applying Artificial Intelligence (AI) and the Internet of Things (IoT) to modernize and optimize beekeeping practices. The company aims to address key challenges faced by beekeepers such as hive health monitoring, climate impact, disease management, and productivity enhancement through its smart beekeeping solutions. Their integrated platform combines IoT-enabled hive sensors with real-time data analytics and AI-driven insights to support informed decision-making for beekeepers.

Grant-in-Aid Recommended : 5 Lakh  
 Focus Area: IT & IoT in Agriculture  
 Product: Usage of AI & IoT to revolutionize bee keeping.



# MoU Signing with Grant-in-aid winners



On August 8, 2025, NaaViC, ICAR-NIVEDI, successfully executed a Memorandum of Understanding (MoU) with the winners of the 9<sup>th</sup> cohort of the grant-in-aid program. This significant milestone marked the formal onboarding of seven promising startups selected for support under two categories: NEST and NEO. These 7 startups have received the Grant-in-aid of Rs.36 Lakhs as 1<sup>st</sup> instalment from MoA & FW, Govt. of India.

► **Under the NEST category**, the startup Weather Cast Solutions Pvt. Ltd. was selected. The company focuses on innovative weather forecasting solutions tailored for the agricultural sector, aiming to enhance climate resilience and informed decision-making for farmers.



► **Under the NEO category**, six startups were chosen for their novel, technology-driven solutions in agri and allied sectors:

► BeePrecise Ecosight Technologies Pvt. Ltd.

Specializing in precision beekeeping and pollination management solutions using IoT and data analytics.



► Dad's Hack by Kombucherie Pvt. Ltd.

Focused on developing fermented probiotic tea-based health beverages to promote gut health and immunity.

► Alimentra Pvt. Ltd.

Working on functional foods and nutraceuticals targeting nutrition and wellness, particularly in rural populations.



► NeoElixir Tech Pvt. Ltd.

Developing bio-based agricultural inputs and plant health enhancers for sustainable farming practices.

► Shankara Water and Energy Solutions Pvt. Ltd.

Offering innovative water purification and renewable energy solutions for rural and agri-based communities.






► BNAC Tech Solutions Pvt. Ltd.

Creating AI and sensor-based technologies for livestock health monitoring and precision dairy farming.

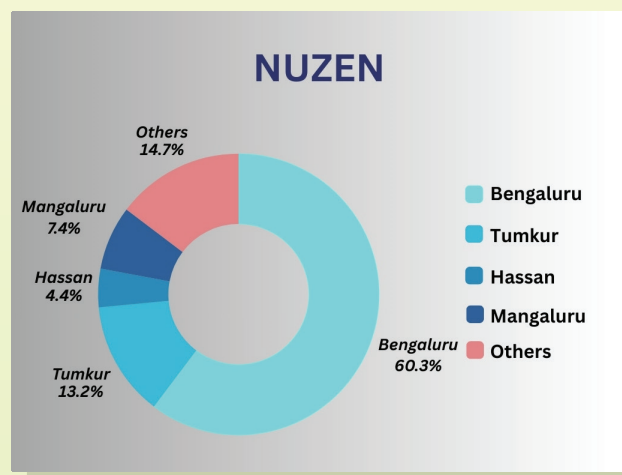
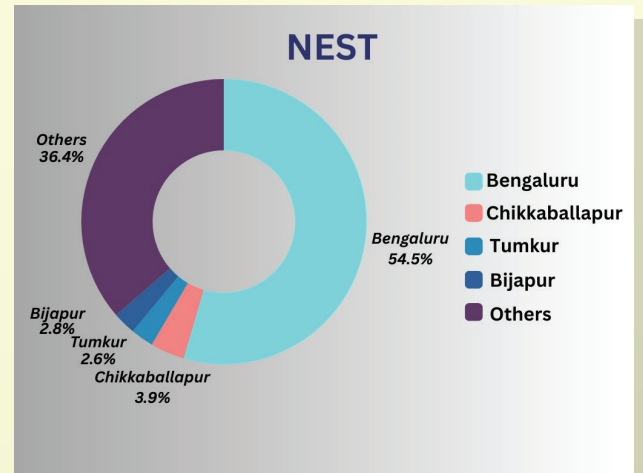
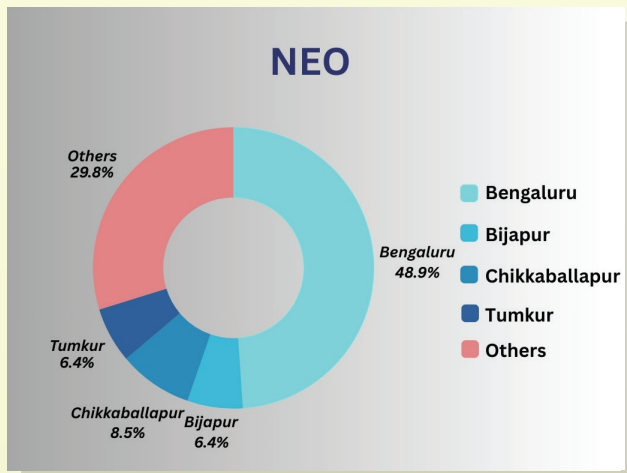
The MoU formalization signifies the beginning of a structured engagement, providing the startups with financial support, technical mentorship, infrastructure access, and networking opportunities to accelerate their growth and impact in the agri-tech ecosystem.

## 10<sup>th</sup> Cohort Entrepreneurs

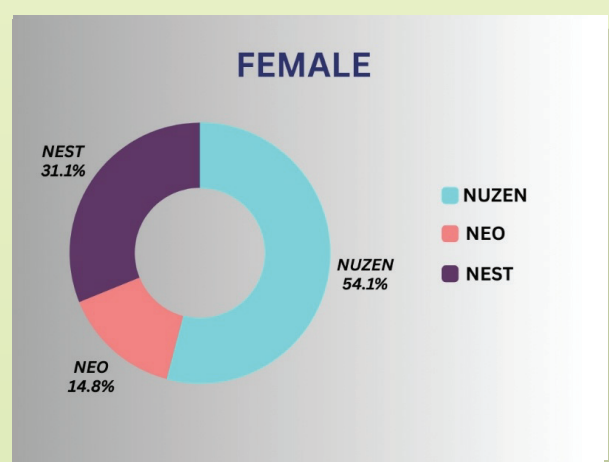
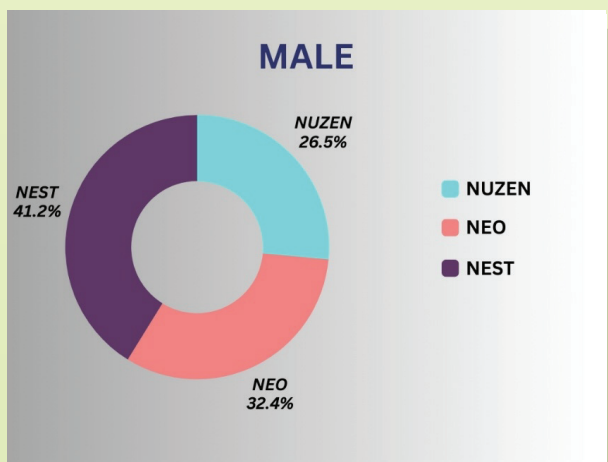
Programs	Applications Received	Total no. of Start ups Shortlisted	Total no. of Start ups trained
	93	19	17
	123	19	19
	205	31	30
<b>Total</b>	<b>421</b>	<b>69</b>	<b>66</b>

# Distribution of Applications received under 10<sup>th</sup> cohort

## Category-Wise Distribution

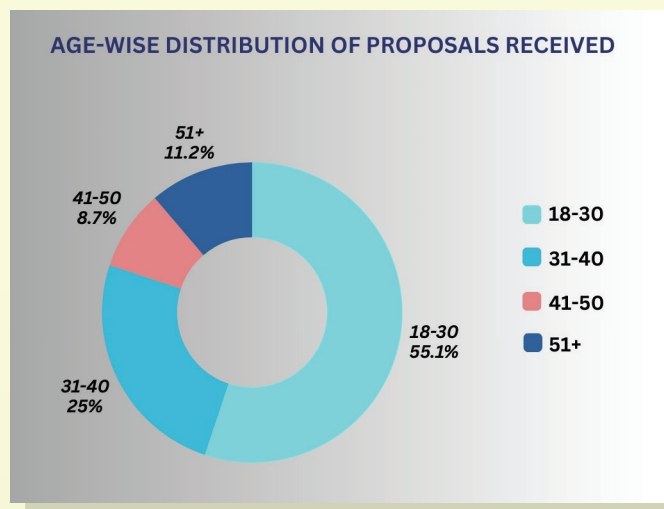


## Gender-Wise Distribution





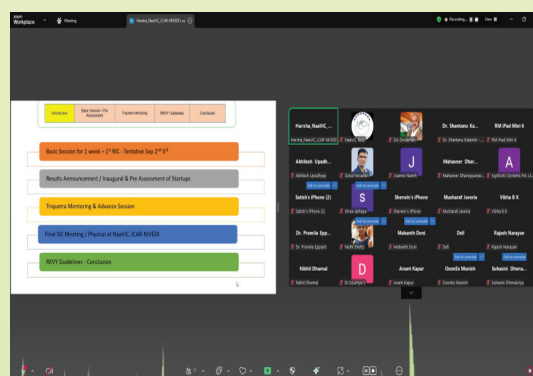
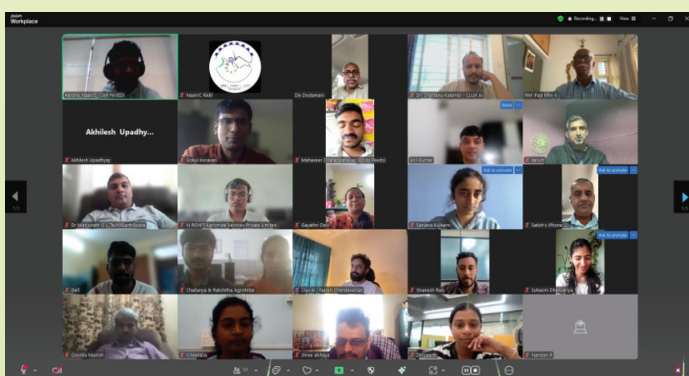
## Age-Wise Distribution



## Agripreneurship Orientation Training Program

(06.10.2025 to 31.10.2025)

- ▶ The Agripreneurship Orientation Training Program for the 10<sup>th</sup> cohort of applicants was successfully conducted under the RKVY-RAFTAAR initiative. The program aimed to empower early-stage agri-startups and aspiring agripreneurs by providing them with essential knowledge, practical insights, and tools to build sustainable and scalable agricultural ventures.
- ▶ The training featured a series of expert-led sessions covering key aspects of agripreneurship. Sessions included an Overview of the RKVY-RAFTAAR Scheme by Mr. Harshendra S. M., Business Manager, NaaViC; Business Model Canvas (BMC) by Dr. Radhika Meenakshi; and Pitch Preparation under the RKVY-RAFTAAR Program by Mr. Shrikanth Patra. Participants also gained insights into Grant vs Venture Capital pitching from Mr. Piyush.
- ▶ Further sessions focused on Design Thinking by Mr. Ranjit B. M., Startup Valuation from a Venture Capital perspective by CA Raeza Tameez, Vice President, Leo Venture Capital, and MSME and Supporting Institutions by Dr. Shreekanth Sharma, Director, MSME.
- ▶ Overall, the program offered participants a comprehensive understanding of startup development, funding strategies, and institutional support within the agri-startup ecosystem.



# Orientation Programs

## “Entrepreneurship opportunities in Agriculture and Allied sectors”

@ Veterinary College, Gadag (09.04.2025)



On 9<sup>th</sup> April, 2025, Team organized an orientation session for the faculty members at Veterinary College, Gadag. The session focused on entrepreneurship opportunities in the veterinary and livestock sectors, highlighting innovative business models, startup support systems, and the importance of fostering an entrepreneurial mindset among veterinary professionals and educators. A total of 15 faculty members attended the program.

@ Veterinary College, Hebbal, Bangalore

(20.06.2025, 23.06.2025, 24.06.2025)



B.V.Sc and Animal Husbandry, 4<sup>th</sup> Year  
Students [Total participants: 50]



B.V.Sc and Animal Husbandry, 3<sup>rd</sup> Year  
Students [Total participants: 61]



Diploma in Dairy Engineering, 3<sup>rd</sup> Year  
Students [Total participants: 17]



M.V.Sc , 1<sup>st</sup> & 2<sup>nd</sup> Year  
Students [Total participants: 64]

NaaViC, the Agri Business Incubation Centre at ICAR-NIVEDI, conducted an orientation program specifically designed for veterinary students to foster awareness about entrepreneurship opportunities in the veterinary and allied sectors. During the session, Team NaaViC highlighted key issues and emerging challenges in the veterinary field, emphasizing the need for innovative, tech-driven solutions. The students were introduced to the various programs offered by NaaViC, including mentoring, incubation support, and access to funding schemes such as the RKVY-RAFTAAR program, which provides financial assistance of up to ₹25 lakh for eligible startups. The team also shared success stories of startups that have been incubated at NaaViC, demonstrating how young entrepreneurs have successfully transformed their ideas into scalable businesses with the help of expert guidance, infrastructure, and funding support. The orientation aimed to inspire students to explore entrepreneurship as a viable career path and contribute to solving real-world problems in animal health and veterinary science.



## @ICAR-NIVEDI, Bengaluru (20.06.2025)



NaaViC, the Agri Business Incubation Centre at ICAR-NIVEDI, conducted an orientation program for postgraduate and Ph.D. students in Veterinary Science. Held at ICAR-NIVEDI, the program aimed to encourage student innovators and aspiring entrepreneurs by introducing them to available incubation support. As part of the initiative, students can access.

## @ ICAR-NIVEDI, Bengaluru (10.09.2025)



NaaViC Agri-Business Incubation Centre conducted a half-day orientation program on Entrepreneurship for Veterinary, Fisheries and Extension students from MANAGE, Hyderabad. The program was inaugurated by Dr. B. R. Gulati, Director, ICAR-NIVEDI, who encouraged students to pursue entrepreneurship and assured institutional support from ICAR-NIVEDI and NaaViC. Dr. Sathish B. Shivachandra, PI-CEO, motivated students to become job creators, emphasizing that entrepreneurship requires vision, resilience, and commitment, while highlighting NaaViC's role in nurturing innovators.

The Business Manager outlined NaaViC's incubation programs, covering idea development, prototyping, scaling up, and application guidelines. Mr. Vinay Shetty, Founder of Ayisra Tech

Solutions LLP (a NaaViC incubatee), shared his entrepreneurial journey, challenges, and how incubation support helped bridge innovation gaps. The program saw active participation from 45 aspiring students, fostering strong engagement and interest in future entrepreneurial initiatives.

## @ICAR-NIVEDI, Bengaluru (19.09.2025)



As a part of field veterinarian program organised by IVRI, NIVEDI hosted them for half a day and gave a brief on the Institute mandate. Various scientists of NIVEDI highlighted the activities regarding the current scenario in disease epidemiology, decision forecasting, diagnostics, sample collection and handling across Nation. Dr. Sathish B Shivachandra, PI-CEO of NaaViC Agri Business Incubation Centre conducted a session on Entrepreneurial Opportunities in Animal Husbandry. He highlighted the current market dynamics under livestock's and animal husbandry, the breakdown of multiple sectors under the domain. The subject also dwelled in mapping the pain point faced by multiple stakeholders and how to bridge the gap between the stakeholders through venturing opportunities in enhancing the local economy under tech interventions. The scope of NaaViC Agri Business Incubator as a technology binder was also cited during the lecture in unlocking the highest possibilities in the near future.



# World Intellectual Property Day



World Intellectual Property Day was celebrated on April 25, 2025, by team NaaViC at ICAR-NIVEDI, under the theme "IP and Music: Feel the Beat of IP." The event aimed to emphasize the significance of creativity, innovation, and the brilliant minds that shape our world. The PI-CEO of NaaViC, ICAR-NIVEDI, delivered the opening remarks and honoured the guest speaker, Mr. . Nagarjun M G, Patent Agent & IP Analyst at IPTeL, Indian Institute of Science (IISc), Bengaluru. Mr. Nagarjun M G highlighted the crucial role of intellectual property in today's world, illustrating his points with relevant case studies.

## RIC Member



Shri Nandimandalam Prudvikranth Reddy, Assistant Manager at NABARD, Bengaluru, has been appointed as the Animal Husbandry Expert for the RIC Committee of NaaViC under the RKVY-RAFTAAR scheme, to evaluate and analyse startups. On 23<sup>rd</sup> September 2025, the NaaViC team visited NABARD Bengaluru and provided an overview of the incubation centre, its programs, and ongoing activities.

## Team NaaViC @ Agri-Startup Stakeholders Connect

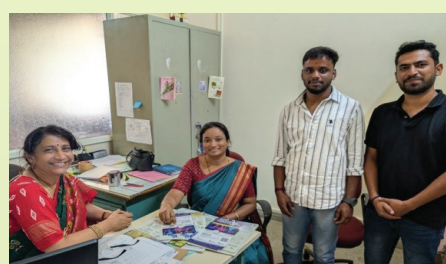


"Agri-Startup Stakeholders Connect – Fostering Collaboration & Partnerships" program at Indian Institute of Plantation Management Bengaluru (IIPMB), Karnataka on 18<sup>th</sup> July 2025. The event brought together key stakeholders from the agri-startup ecosystem, including startups, industry experts, incubators, investors, and academic institutions.

## Sensitization & Promotional Program



@Horticulture College, Hiriya (08.04.2025)



@GM Institute, Davangere (08.04.2025)



@Davangere Univeristy (08.04.2025)



@Veterinary College, Gadag (09.04.2025)



## Business Networking Meeting (16.05.2025)



Team NaaViC participated in a Business Networking Meeting organized by the Atal Incubation Centre of the Coffee Board (AIC-CCRI-CED). The event began with a welcome address by Mr. Ashvik K.S., Incubation Manager at AIC-CCRI-CED, provided an overview of the centre's activities and services. Mr. Sagar Jayaram, Founder & CEO of Café Down the Alley, delivered an insightful session on the economic aspects of running a café and effective café management. The panel discussion featured valuable inputs from startup founders, empanelled consultants, and mentors

associated with AIC-CCRI-CED. Team NaaViC presented details about the RKVY-RAFTAAR funding program offered at NaaViC to support startups in the agri and allied sectors. The networking meeting saw participation from over 50 attendees, including startups, coffee industry stakeholders, ecosystem enablers, bankers, and aspiring entrepreneurs, fostering meaningful discussions and collaboration opportunities.

## NaaViC Review Meeting at Delhi



A review meeting was held on 08.07.2025 under the chairmanship of Shri Arindam Modak, Advisor, RKVY (DA&FW) at Krishi Bhavan, New Delhi. During the meeting, team NaaViC presented an update on the progress of the incubator and its associated startups. Additionally, the incubated startups Nuvohelix Bioinnovations Pvt Ltd, Nanosentrix Pvt Ltd, Atsuya Technologies Pvt Ltd, Barve Technologies LLP, Nutriarc(OPC) Pvt Ltd showcased their innovations, products and shared insights into their developments. The review meeting provided a valuable platform for interaction, feedback, and strategic guidance, reinforcing the commitment to fostering innovation and entrepreneurship in the agri-startup ecosystem under the RKVY initiative.



## Copyright for NEO Logo



ROC Number::AT-20250160244

NaaViC-Agri Business Incubation Center based at ICAR-NIVEDI, Bengaluru, has achieved a significant milestone by receiving copyright protection for its NEO (Nurturing Entrepreneurs through Orientation) logo. NEO is an Agripreneurship Orientation Program in the NaaViC Incubation Center, launched under the RKVY-RAFTAAR project, with a grant in aid up to 5 lakh that will be granted to potential startups those have an innovative solutions/processes/products/ services/ business models in agriculture and allied sector. The logo has the letter "N" representing Nurturing, "E" representing Entrepreneurs, and "O" represents Orientation. Egg shape symbolizes 'innovation at idea stage'.

# Recent trends in *Agricultural Technologies*

## 01 *AI Robotics and Automation*



Robotics and automation in agriculture involve machines and automated systems performing tasks traditionally done by human labour. The range spans from planting and harvesting to monitoring and sorting crops.

It interconnects with nearly all the other agriculture tech trends listed. The overarching movement is toward combining AI automation with other innovations to advance sustainability and increase the productivity of food production systems.

Examples: Precise harvesters, Rose stem cutter, Tulip bulb planter, Robotic weeders

## 02 *AI-Powered Precision Agriculture*



Artificial intelligence, machine learning, and big data analytics are combined to optimize farming practices, helping farmers make better, data-driven decisions for crop management, irrigation, pest control, and more. Crop yields are boosted, and the need for water, fertilizer, and pesticides is reduced, which saves money and reduces environmental impact.

Examples: Weed and pest detection, Crop health analysis, Yield prediction and crop analytics, Precise regenerative agriculture

## 03 *Controlled Environment Agriculture (CEA)*



CEA encompasses indoor or greenhouse farming, but with highly controlled environmental variables like light, temperature, humidity, and CO2 levels to optimize plant growth. This form of agriculture is typically seen in urban environments.

Examples: Aeroponic farming, Hydroponic and aquaponic farming and vertical farming

## 04 *Biotechnological Advancements*



The application of genetic engineering, molecular biology, and other biotechnological methods to improve crops, livestock, and farming practices is a growing trend that addresses concerns over food security and environmental degradation.

Examples: Gene editing, Biological products and Tissue culture automation



## 05 Renewable Energy is the New Crop



Farms are embracing innovative ways to both reduce their energy consumption and produce cleaner energy, utilizing resources like vast land areas and agricultural byproducts. These efforts enhance sustainability and create additional revenue streams, making their continued adoption a strong contender as a defining trend in agriculture this year.

Examples: Green hydrogen from agriculture waste, Biogas production, Solar panel crops.

Source: <https://robovision.ai/blog/top-5-agtech-trends-in-2025>

## Visitors at NaaViC



Dr. Arindam Dhali, Principle Scientist and Head,  
South Regional Station, NDRI visited NaaViC (24.11.2024)



Dr. Nagaraj, Professor & Head, AGB Dept.  
KVFSAU visited NaaViC (09.09.2025)



Dr. D.V.R. Prakash Rao, President of National  
Academy of Veterinary Sciences India and  
Dr. Annappa Gowda, Former Vice chancellor  
KVFSAU (11.04.2025)



Dr. Manimaran, Professor Veterinary College,  
Chennai visited NaaViC (25.08.2025)



# Factors driving Agri-startups incubation process in India:

## Challenges, opportunities and future directions

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## Background on the Study

NaaViC Agri Business Incubation Centre, ICAR-NIVEDI, Bengaluru is at the forefront of Veterinary, Agri & Allied Sector Technology Incubation activities across Nation empowered by RKVY-RAFTAAR, Ministry of Agriculture and Farmers Welfare, Government of India operating since 2018-19. The study “Factors driving Agri-startups incubation process in India: Challenges, opportunities and future directions” aimed to understand the core procedure of NaaViC (RKVY-RAFTAAR) R-Agri Business Incubator implementation of the scheme from call for application, screening, pitching, mentoring and release of grant. Further the study elaborated to understand the mode of applications, to realize the sector wise distribution with possible correlation, to map the application based on the sectors along with a questionnaire involving applicants as well as the core committee involved in selection of the start-ups for grant-in-aid.

## Methodology

- ▶ Data was analysed from 1270 applications (2019–2022) received at ICAR-NIVEDI’s incubation centre, NaaViC.
- ▶ Study used joint distribution model to identify correlation between different sectors
- ▶ Application were identified and grouped by different states, and maps were prepared using QGIS under AgriTech, Biotechnology, Food Processing, IT & IoT and Supply Chain sectors.
- ▶ Questionnaire based survey was conducted among the applicants under IV multiple layers synthesising different stages of incubation procedure.
- ▶ Questionnaire based survey was conducted among the RIC / RC / SIC committee responsible for shortlisting and grant in aid recommendation for the incubating ventures.

## Key Highlights

- ▶ Agriculture and allied sector contributes 17 % to India's GDP and needs innovation to address sector challenges.
- ▶ RKVY-RAFTAAR (Rashtriya Krishi Vikas Yojana – Remunerative Approaches for Agriculture and Allied Sectors Rejuvenation) program supports agri-entrepreneurs through training and financial grants.
- ▶ Research examined education, gender, and innovation knowledge of program participants.
- ▶ Karnataka state recorded the highest number of applications across all sectors. Strong correlations were found between technology mechanization in veterinary and agriculture ( $r^2 = 0.82$ ) and IT & IoT with biotechnology in veterinary sectors ( $r^2 = 0.86$ ).
- ▶ Among 152 survey respondents, 78–79% were male, 37–38% aged 26–35 years, and 37–44% held postgraduate degrees.
- ▶ Social media emerged as the primary source of awareness (32–44%), while passion for innovation motivated 32–42% of applicants.
- ▶ A majority (71–78%) perceived grant funding as insufficient; expert evaluations emphasized business fit and technical knowledge over personal attributes.
- ▶ The study highlights the need for sector-wise application screening, unified incubator platforms, and a clear distinction between R&D and innovation, offering evidence-based recommendations to strengthen India’s agri-business incubation and accelerator ecosystem with insights applicable across the Global South.



# Bites Of Business : Stay Ahead Stay Informed

**Bibifathima Swa Sahaya Sangha SHG is among ten global winners of Equator Prize for nature-based solutions.**



Bibifathima Swa Sahaya Sangha SHG, India's laureate, is a women-led group active across 30 villages in Karnataka, supporting over 5,000 farmers. It promotes millet cultivation through mixed cropping, conserves traditional seeds, and operates solar-powered processing units. By blending traditional wisdom with sustainable innovation, the group has revived biodiversity, enhanced food security, and created livelihoods for women and youth.

**ICRISAT to Operate as CGIAR's Breeding Resources Hub for South Asia, Accelerating Regional Crop Improvement**



ICRISAT will operate as CGIAR's Breeding Resources hub for South Asia, delivering standardized, high-quality breeding services to accelerate crop improvement. Through shared tools, data systems, and harmonized protocols, the hub aims to enhance regional innovation, support climate resilience, and strengthen food system productivity.

## Government Initiatives

### **Mobile Veterinary Units (MVUs):**

India's government has confirmed over 4,000 MVUs are operating in 29 states, treating 19 million animals and benefiting over 9 million farmers since their launch in 2021-22.

### **Gujarat Veterinary Dispensaries:**

The Gujarat government has given the green light to establish 200 new permanent veterinary dispensaries within the state

## Kisan Credit Cards (KCC)

Kisan Credit Cards (KCC) will facilitate short-term loans for around 7.7 crore fishermen, farmers, and dairy farmers. The loan limit under the 'Modified Interest Subvention Scheme' will be increased from Rs. 3 lakh to Rs. 5 lakh for loans taken through the KCC.

## State-Specific Developments

### **Kerala Digital Initiative:**

The state of Kerala is moving forward with digitizing veterinary services by creating an online repository for animal records and information.

## Professional & Educational Updates

### **New Legal Advisor:**

Dr. Arun Jha was appointed as the legal advisor to the Veterinary Association of India, a position recognized for its importance to the association

### **NEET for Veterinary Courses:**

The NEET-UG exam will continue to be the qualifying examination for admission to undergraduate veterinary courses (BVSc), alongside other medical programs

## Fund for Startups

The Alternate Investment Funds (AIFs) for startups received more than Rs.91,000 crore commitments. The government contribution supports these through the Rs. 10,000 crore Fund of Funds. A new Fund of Funds of Rs.10,000 crore will be set up with fresh contribution and expanded scope.

## Scheme for First-time Entrepreneurs

A new scheme will be introduced for 5 lakh women, Scheduled Tribes and Scheduled Castes first-time entrepreneurs. This scheme will provide term loans up to Rs.2 crore for the next 5 years. It will incorporate lessons from the Startup India scheme. Under this scheme, online capacity building for managerial and entrepreneurship skills will also be organised.

## Animal Blood Transfusion Guidelines

India's Department of Animal Husbandry and Dairying (DAHD) released national SOPs for blood transfusion and blood banks, covering donor selection, blood collection, storage, and transfusion procedures, as well as establishing state-regulated veterinary blood banks with biosafety infrastructure

## Credit Guarantee Fund

- ▶ For Micro and Small Enterprises - From Rs.5 crore to Rs.10 crore, resulting in an additional credit of Rs.1.5 lakh crore in the next 5 years
- ▶ For Startups - From Rs.10 crore to Rs.20 crore, with the guarantee fee being moderated to 1% for loans in 27 focus sectors necessary for Atmanirbhar Bharat
- ▶ For well-run exporter MSMEs - Term loans up to Rs.20 crore

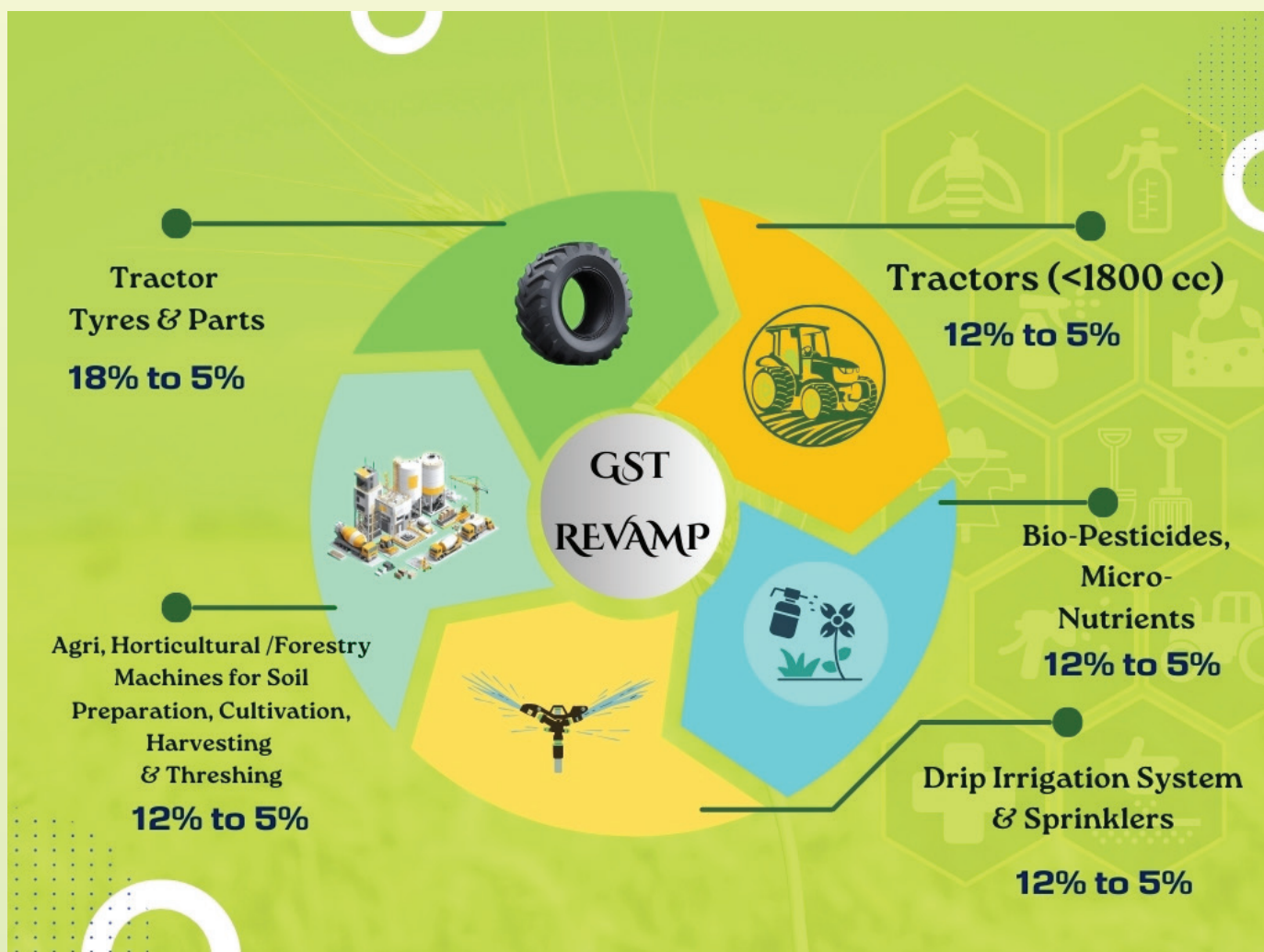
## Other News

### Animal Welfare:

Vantara, an initiative by Anant Ambani, will shelter 20 elephants rescued from the logging industry in Arunachal Pradesh, ensuring their care and welfare

### VCI Draft Regulations:

The VCI website shows draft regulations for PG programs in Veterinary Surgery, Radiology, and Wildlife

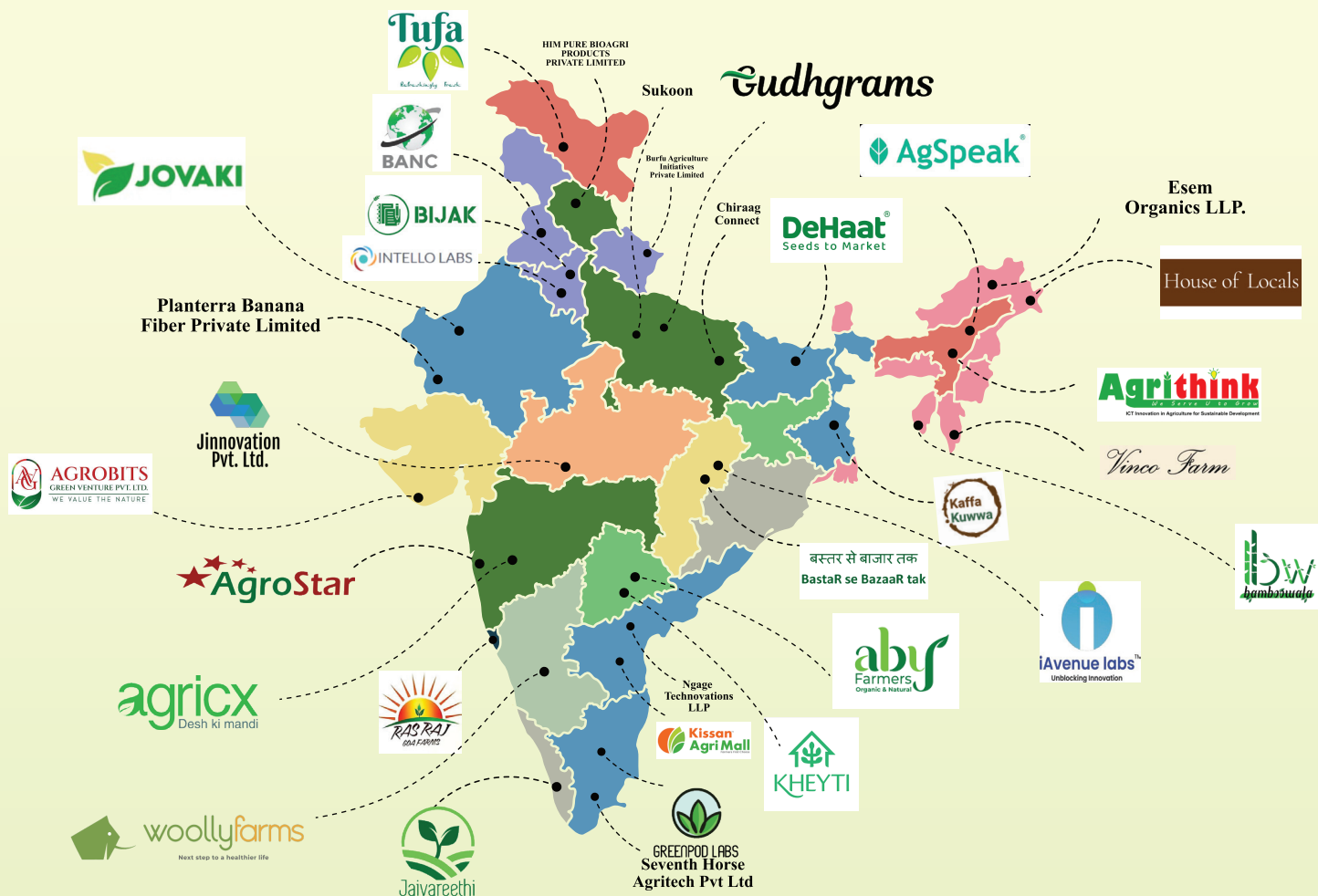








## Selected Agriculture Startups across India



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