



भारत सरकार
GOVERNMENT OF INDIA
मत्स्यपालन विभाग
Department of Fisheries



MANAGE-FISHub's



Report on Fisheries Startup and Aquapreneurship Stakeholders Meet

Connect. Collaborate. Catalyse.



19th August, 2026



College of Fisheries, Guru Angad Dev Veterinary and Animal
Sciences University (GADVASU), Ludhiana, Punjab



MANAGE

The National Institute of Agricultural Extension Management (MANAGE), an autonomous organisation under the Ministry of Agriculture and Farmers Welfare, Government of India is an apex body for Agricultural Extension Management in India. MANAGE offers services like Capacity building, Management Education, Piloting and Implementing Flagship National Schemes, Consultancy, Research, Knowledge Management and Policy Advocacy in Agricultural Extension Management. (<https://www.manage.gov.in/>)

About



MANAGE-FISHub

MANAGE-Fisheries Innovation and Startup Hub is a National level incubation and innovation platform established at the National Institute of Agricultural Extension Management (MANAGE), Hyderabad, in 2025 with the support of the Department of Fisheries (DoF), Ministry of Fisheries, Animal Husbandry and Dairying (MoFAHD), Government of India. MANAGE-FISHub aims to transform India's fisheries and aquaculture sector through innovation, entrepreneurship, and ecosystem development by mentoring and promoting fisheries startups, creating employment and entrepreneurial opportunities aligned with national priorities and enabling the rapid commercialization of technologies emerging from research, academia, and individual innovators. (<https://www.manage.gov.in/managefishub/>)

GADVASU

Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, is a premier state university established under Punjab Act No. 16 of 2005 and commenced functioning on 21 April 2006. It focuses on education, research, extension and human-resource development in veterinary sciences, fisheries, dairy and food technology, and animal biotechnology. The university plays a significant role in advancing livestock, fisheries and allied sectors through multidisciplinary education and research. (<https://www.gadvasu.in/>)



College of Fisheries, GADVASU

The College of Fisheries, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, is a leading institution for fisheries and aquaculture education, research, extension and skill development. The College focuses on areas including aquaculture, fish health and nutrition, fisheries management, fish processing, value addition and entrepreneurship. It contributes to the development of skilled professionals and promotes sustainable fisheries, aquaculture innovation and aquapreneurship in Punjab and beyond.





Program Background

MANAGE-FISHub proposed a collaboration with Guru Angad Dev Veterinary and Animal Sciences University to conduct the Fisheries Startup and Aquapreneurship Stakeholders Meet in Punjab. Following acceptance from the university authorities, the program was scheduled and successfully conducted on 19th August, 2026 at the College of Fisheries, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab.

The organizing team comprised representatives from both institutions. From MANAGE-FISHub, the team included Dr. Saravanan Raj, Director (Agricultural Extension) & CEO, MANAGE-FISHub, Dr. Raahalya S (Innovation Scaling Specialist) and Mr. Mahiwal Singh, Program Coordinator, MANAGE. From GADVASU, the organizing team included Prof. (Dr.) Jatindra Paul Singh Gill, Hon'ble Vice Chancellor, Dr. Ravindra Singh Grewal, Director Extension Education, Dr. Meera D. Ansal, Dean, College of Fisheries, Dr. Vaneet Inder Kaur (Principal Scientist & Head), Dr. Vijay Kumar Reddy (Senior Scientist) and all the faculty members, staff of College of Fisheries, GADVASU, Ludhiana, Punjab.

A list of proposed stakeholders from the fisheries startup ecosystem of Punjab was prepared, and invitation mails were sent to fisheries startups, aquapreneurs, fishers, fish farmers, producer organizations, research institutions, industry players, service providers, and fisheries colleges and allied institutes. The registration link for the program was circulated through MANAGE-FISHub and institutional social media platforms.

The program schedule was thoughtfully designed to provide a comprehensive platform for knowledge sharing, innovation, and stakeholder engagement in the fisheries startup ecosystem. The event commenced with an inaugural session featuring the welcome address, keynote remarks, and the formal launch of the program. This was followed by a series of technical sessions that included expert lectures on emerging technologies, startup success stories and experience sharing by entrepreneurs, technology demonstrations, startup pitching sessions, product exhibitions, and interactive networking opportunities.

A total of 320 participants registered for the program, comprising startups, students, faculty members, researchers, entrepreneurs, government officials, and other professionals from the fisheries and allied sectors. The participants included 167 male and 153 female participants, reflecting broad and inclusive participation. Confirmation emails were sent to all registered participants, providing details of the program schedule, venue, and participation guidelines. In addition, participants were requested to join a dedicated WhatsApp group created for the event to facilitate timely communication, share important updates, circulate resource materials, and ensure smooth coordination before and during the program.

Among the startups that expressed interest in pitching and exhibition, a screening process was undertaken, following which 6 startups were shortlisted for the pitching session and 4 startups were shortlisted for the exhibition.

The programme, held at the College of Dairy & Food Science Technology Auditorium, GADVASU, Ludhiana, witnessed participation of 320 stakeholders, including 6 dignitaries, 10 fisheries startups and aquapreneurs, 28 fisheries officers, 91 fish farmers, 150 students, and 35 professionals from academia, government and allied sectors. The diverse participation facilitated knowledge exchange, meaningful interactions and networking among academia, government, industry, startups and the farming community.



Inaugural Session



Dr. Ravindra Singh Grewal

Director Extension Education
Guru Angad Dev Veterinary and Animal
Sciences University, Ludhiana, Punjab



Dr. Ravindra Singh Grewal, Director Extension Education, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, Punjab, extended a cordial welcome to the Chief Guest, Guest of Honour, distinguished dignitaries on and off the dais, officials from **MANAGE-FISHub**, representatives of the Department of Fisheries, Government of Punjab, faculty members, scientists, fisheries officers, startup founders, aquapreneurs, fish farmers, representatives of Self-Help Groups (SHGs) and Fish Farmer Producer Organizations (FFPOs), industry representatives, students, media personnel, and all other participants.

In his address, Dr. Grewal emphasized the importance of fostering **entrepreneurship, innovation, and collaboration** in the fisheries sector. He highlighted the need for stronger linkages among academic institutions, government departments, research organizations, startups, industry, and farming communities to create a robust and sustainable fisheries ecosystem.

He stated that the **Fisheries Startup and Aquapreneurship Stakeholders Meet** provided an appropriate platform for knowledge exchange, technology dissemination, networking, experience sharing, and the development of strategic partnerships. Such platforms, he noted, can play a significant role in connecting innovations and entrepreneurial opportunities with the needs of fish farmers and other stakeholders.

Dr. Grewal further highlighted the significant role of the **College of Fisheries, GADVASU**, in advancing fisheries education, research, extension, and entrepreneurship development in Punjab. He appreciated the collaborative efforts of **MANAGE-FISHub and College of Fisheries, GADVASU** in organizing the Stakeholders Meet and expressed confidence that the initiative would facilitate meaningful stakeholder interactions and contribute to innovation-led, entrepreneurship-driven, and sustainable fisheries development in Punjab.

He concluded his address by extending his best wishes for the successful conduct of the programme and once again welcomed all dignitaries and participants.



"India's fisheries sector is powering the Blue Economy through livelihoods, nutrition, innovation and entrepreneurship. Punjab's inland fisheries success proves that science, policy and enterprise can turn potential into opportunity. The future belongs to skilled professionals, bold innovators and dynamic aquapreneurs."



Inaugural Session



Dr. Saravanan Raj

Director (Agricultural Extension)
MANAGE & CEO, MANAGE-FISHub
Rajendranagar, Hyderabad



Dr. Saravanan Raj, Director (Agricultural Extension) MANAGE & CEO, MANAGE-FISHub introduced MANAGE as a premier national-level institution functioning under the Ministry of Agriculture and Farmers Welfare, Government of India, and highlighted its growing role in strengthening India's agricultural entrepreneurship and startup ecosystem.

He highlighted MANAGE's nearly decade-long contribution to agricultural entrepreneurship through **MANAGE-CIA, established in 2016**, which has supported and incubated nearly 734 startups across 26 states in diverse agri-allied sectors.

Dr. Raj highlighted the need to strengthen fisheries entrepreneurship, noting the relatively low number of fisheries startups around 150, compared with approximately 350 in dairy and 200 in animal husbandry underscoring the significant scope for innovation and entrepreneurship in fisheries. Building on MANAGE's experience in strengthening the agricultural startup ecosystem, Dr. Raj also spoke about its mandate as a Centre of Excellence for fisheries entrepreneurship under the Ministry of Fisheries, Animal Husbandry and Dairying, leading to the establishment of **MANAGE-FISHub in August 2025**. He outlined key initiatives including **Startup Incubation Cohorts**, the **22-Day Pre-Incubation Programme**, **Stakeholders Meets**, **F3 Webinars**, **Fish Tech Webinar Series**, **Aqua Yuva**, **Aqua Udhyami**, and **Aqua Reach**, aimed at providing aspiring aquapreneurs with mentorship, technology, networking, institutional linkages, and market-oriented support.

He emphasized the need to break institutional silos and strengthen linkages between aquapreneurs and key support institutions, including the Department of Fisheries, NABARD, ICAR institutes, ATARIs, KVKs, State Agricultural Universities, and industry. He highlighted that collaboration, convergence, and coordinated institutional support are essential for transforming innovative ideas into viable fisheries enterprises.

He expressed gratitude to the Vice Chancellor, Director, Dean, faculties and College of Fisheries, GADVASU for their partnership with MANAGE-FISHub in strengthening the fisheries entrepreneurship ecosystem in Punjab.

"MANAGE FISHub is bridging the nation's fisheries ecosystem-connecting students, startups and stakeholders, transforming knowledge into entrepreneurial action, and turning innovation into sustainable livelihoods."

Address by Guest of Honour



Dr. Kanwar Barjinder Singh

Director, Punjab Agricultural Management & Extension Training Institute (PAMETI),
Ludhiana, Punjab



Dr. Kanwar Barjinder Singh, Director, PAMETI, Ludhiana, expressed his pleasure in participating as the Guest of Honour at the Fisheries Startup and Aquapreneurship Stakeholders Meet organized by **MANAGE-FISHub** in collaboration with the **College of Fisheries, GADVASU, Ludhiana**. He appreciated the initiative for bringing together academia, government, startups, entrepreneurs, farmers, students, and other stakeholders on a common platform.

In his address, he highlighted the growing importance of fisheries and aquaculture as promising avenues for entrepreneurship, employment generation, livelihood enhancement, and rural economic development. He emphasized that Punjab has significant potential for inland fisheries and aquaculture, which can be further harnessed through scientific management, technological innovation, value addition, and stronger market linkages.

He stressed the need to develop an entrepreneurial mindset among fisheries students and youth, encouraging them to become innovators and job creators rather than limiting themselves to conventional employment opportunities. He also emphasized the importance of capacity building, incubation, mentoring, and institutional support for nurturing successful aquapreneurs.

Dr. Singh appreciated the efforts of MANAGE-FISHub and GADVASU in strengthening the fisheries entrepreneurship ecosystem and expressed confidence that such collaborative initiatives would foster innovation, create new enterprises, and contribute significantly to sustainable fisheries development and rural prosperity in Punjab. He emphasized that stronger linkages among academia, government, farmers, startups, industry, and financial institutions are essential for translating knowledge and innovations into viable enterprises. He further encouraged young students and aspiring entrepreneurs to explore emerging opportunities in aquaculture, value addition, digital marketing, technology, and fisheries services, and urged institutions to provide continuous capacity building, mentoring, and handholding support. He expressed hope that such platforms would foster innovation, entrepreneurship, employment, and sustainable livelihood opportunities for Punjab's youth.



"Fisheries transformation begins when innovation meets opportunity and stakeholders unite with a shared vision for sustainable growth."



Address by Guest of Honour



Sardar. Hardev Singh
Director & Warden of Fisheries
Department of Fisheries,
Government of Punjab



Sardar. Hardev Singh, Director and Warden of Fisheries, Government of Punjab, addressed the gathering and appreciated the initiative of **MANAGE-FISHub** in organizing the **Fisheries Startup and Aquapreneurship Stakeholders Meet** in collaboration with the **College of Fisheries, GADVASU, Ludhiana**. He commended the efforts to bring together government departments, academia, startups, industry, farmers, students, and other stakeholders on a common platform.

He emphasized that fisheries is one of India's sunrise sectors, contributing significantly to employment generation, livelihood enhancement, nutritional security, and the growth of the Blue Economy. He highlighted Punjab's growing potential in inland fisheries and aquaculture, with increasing adoption of scientific fish farming and emerging opportunities in inland saline aquaculture.

Referring to initiatives such as PMMSY and PM-MKSSY, he highlighted the importance of government support in promoting infrastructure, entrepreneurship, technology adoption, value addition, and market linkages in the fisheries sector.

He stressed that the future of Punjab's fisheries lies in innovation, aquapreneurship, technology, and sustainable resource management. He noted that such stakeholder platforms facilitate knowledge exchange, exposure to emerging technologies, and stronger collaboration among farmers, entrepreneurs, researchers, officials, and industry. He expressed confidence that continued collaboration among MANAGE-FISHub, GADVASU, the Department of Fisheries, and other stakeholders would strengthen Punjab's fisheries ecosystem and create new opportunities for innovation, entrepreneurship, employment, and sustainable livelihoods.

"Fisheries is India's Sunrise Sector-powering livelihoods, nutrition and rural prosperity. With PMMSY, PM-MKSSY and strong government support, Punjab is emerging as a hub for aquaculture. With 18,000+ hectares under fisheries, farmers are turning to fish and inland shrimp farming. Innovation, aquapreneurship and sustainability are shaping Punjab's blue future."

Address by Chief Guest



Dr. Jatinder Paul Singh Gill

Hon'ble Vice-Chancellor

Guru Angad Dev Veterinary and Animal Sciences
University, Ludhiana, Punjab



Dr. Jatinder Paul Singh Gill, Hon'ble Vice-Chancellor, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, Punjab, delivered the presidential address and highlighted the growing importance of fisheries and aquaculture as promising sectors for rural development, employment generation, livelihood enhancement, and economic diversification in Punjab. **He appreciated the collaborative efforts of MANAGE-FISHub and the College of Fisheries, GADVASU,** in bringing together academia, government, fisheries experts, startups, entrepreneurs, farmers, students, and other stakeholders through the **Fisheries Startup and Aquapreneurship Stakeholders Meet.**

He emphasized that Punjab's extensive network of ponds, reservoirs, canals, village water bodies, and aquaculture farms offers considerable scope for strengthening inland fisheries and aquaculture. He highlighted the importance of scientific fish farming, modern technologies, quality seed, efficient resource management, value addition, market linkages, and entrepreneurship in enhancing productivity and profitability. He also emphasized the role of GADVASU and research institutions in developing skilled human resources, promoting technology transfer, supporting innovation, and encouraging youth to explore fisheries and aquapreneurship as viable career and enterprise opportunities.

The Hon'ble Vice-Chancellor appreciated the support of the Government of India through PMMSY and the Government of Punjab for promoting fisheries development and entrepreneurship. He expressed his sincere appreciation and gratitude to **MANAGE-FISHub** for their valuable initiative and collaborative efforts in creating a platform that connects diverse stakeholders of the fisheries ecosystem. He expressed confidence that such initiatives would strengthen stakeholder partnerships, foster innovation and entrepreneurship, and contribute significantly to the sustainable growth and transformation of Punjab's fisheries and aquaculture sector.

"Punjab's Blue Future is full of possibilities from fish and shrimp farming to feed, seed, processing, branding and markets. Fisheries is no longer just a livelihood; it is an entrepreneurial opportunity. The next wave of growth will be driven by skilled professionals, innovators and aquapreneurs."

Inaugural Session - Vote of Thanks



Dr. Vijay Kumar Reddy Surasani
Senior Scientist (Fish Processing Technology)
College of Fisheries, GADVASU, Ludhiana



Dr. Vijay Kumar Reddy Surasani, Senior Scientist (Fish Processing Technology), College of Fisheries, GADVASU, Ludhiana, expressed his Vote of Thanks on this memorable occasion. At the outset, he expressed his heartfelt gratitude to **Dr. Jatinder Paul Singh Gill**, Hon'ble Vice-Chancellor, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, for gracing the programme with his esteemed presence and for sharing his valuable vision and guidance towards strengthening the fisheries and aquaculture sector. He also sincerely thanked **Dr. Saravanan Raj**, Director (Agricultural Extension), MANAGE & CEO, MANAGE-FISHub, Hyderabad, for his leadership and continued support in bringing together diverse stakeholders to promote innovation, entrepreneurship, knowledge exchange, and sustainable development in fisheries.

He extended his sincere appreciation to **Dr. Ravindra Singh Grewal**, Director Extension Education, GADVASU, **Dr. Kanwar Barjinder Singh**, Director, Punjab Agricultural Management & Extension Training Institute (PAMETI), Ludhiana, and **Sardar Hardev Singh**, Director & Warden of Fisheries, Department of Fisheries, Government of Punjab, for their valuable presence, guidance, and support. He also expressed his special thanks to **Dr. Meera D. Ansal**, Dean, College of Fisheries, GADVASU, along with all the faculty members, scientists, officers, technical staff, and organizing team for their dedicated efforts in making the Stakeholders Meet a success. He acknowledged with gratitude the active participation of fisheries experts, startups, aquapreneurs, fish farmers, entrepreneurs, students, researchers, industry representatives, and other stakeholders who enriched the programme through their valuable experiences and interactions.

Finally, Dr. Surasani thanked MANAGE-FISHub, GADVASU, Department of Fisheries, Government of Punjab, and all participants for their valuable support in making the Stakeholders Meet a success. He expressed hope that the event would strengthen collaboration, innovation, and entrepreneurship in fisheries.

"The Fisheries Startup and Aquapreneurship Stakeholders Meet is more than an event. It is a platform where innovation meets opportunity, partnerships drive progress, and ideas shape the future of the Blue Economy."

Technical Session by Expert



Mrs. Iqbalpreet Kaur Sidhu conducted the session, which helped to understand the importance of scientific innovation, technology, value addition, and incubation in strengthening livestock and allied sectors, with several approaches being relevant to the development of fisheries and aquaculture. The facilities and expertise available in areas such as animal health, diagnostics, surgery, clinical training, dairy processing, product development, and technology demonstration showed us how scientific knowledge can be transformed into practical services and commercial opportunities for producers and entrepreneurs. The focus on buffalo milk valorization and development of diverse dairy products further demonstrated the importance of moving beyond primary production towards processing, branding, value addition, and market-oriented enterprises.

From a fisheries perspective, these approaches highly relevant to the development of a stronger aquaculture and fisheries value chain. Similar to livestock health services, fisheries can benefit from fish health diagnostics, disease management, water-quality testing, hatchery technologies, and specialized technical services. The dairy value-addition model can also be applied to fisheries by promoting fish processing, ready-to-cook and ready-to-eat products, fish-based products, cold-chain systems, packaging, branding, and efficient utilization of fish by-products. Such interventions can help fisheries move from primary fish production towards diversified and higher-value enterprises.

The incubation ecosystem further demonstrated how institutions can support entrepreneurs in converting technical ideas into viable businesses. VLIIF's incubatee and startup support provides a useful model for fisheries incubation, where aquapreneurs can be supported in areas such as aquaculture technology, fish health, feed, hatcheries, IoT-based farm management, processing, cold chain, value addition, and market linkages. Overall, the session strengthened the understanding that integrating research, technology, incubation, value addition, and entrepreneurship can create a more innovative, profitable, and sustainable fisheries ecosystem.

Mrs. Iqbalpreet Kaur Sidhu
CEO- Vety and Livestock Innovation and
Incubation Foundation (VLIIF), GADVASU,
Ludhiana, Punjab



"Fisheries is evolving from a traditional livelihood into a dynamic enterprise. With technology, innovation and entrepreneurship, every stage of the value chain can create new opportunities for growth and employment."

Technical Session by Expert



Mr. Amardeep Singh
Assistant Director (Fisheries)
Department of Fisheries
Government of Punjab



Mr. Amardeep Singh presented an overview of the state's fisheries sector and its growing focus on promoting fisheries startups and aquapreneurship as avenues for enterprise development, employment generation, and income enhancement. During FY 2025-26, Punjab reported 45,156 acres under fish culture, fish production of 2,11,304 MT, 1,034 acres under shrimp culture, and shrimp production of 2,792 tonnes, with fish seed production reaching 23.96 crore. The sector was also presented as a viable economic activity, with reported net profits of approximately ₹1.50-2.00 lakh per acre from fish farming and ₹2.50-3.00 lakh per acre from shrimp farming.

The Department's approach extends beyond primary fish production by encouraging the development of aquapreneurs who identify opportunities across the fisheries value chain, invest in technology and assets, create employment, add value, and connect products with markets. Opportunities highlighted include production through biofloc, RAS and pond culture, hatchery and seed production, IoT and automation, cold-chain services, fish processing and ready-to-cook products, organized fish marketing, ornamental fisheries, and fisheries inputs and services.

The Department supports this entrepreneurial ecosystem through quality fish seed, technical assistance, financial assistance, training, soil and water testing laboratories, fish feed mills, and exposure visits, thereby helping farmers and emerging entrepreneurs access technical knowledge and essential production support. Government schemes further strengthen these opportunities through support for ponds, hatcheries, RAS, biofloc systems, fish kiosks, value-addition enterprises, cold-chain infrastructure, transportation, storage, and fish feed mills under PMMSY. They also highlighted FIDF, PM-MKSSY, KCC and GAIS as key mechanisms for infrastructure financing, enterprise development, working capital and social security. Under PMMSY, ₹34.81 crore supported 772 beneficiaries across diverse fisheries activities during FY 2020-21 to 2025-26. Overall, the initiatives demonstrate an enterprise-oriented approach combining production, technology, infrastructure, finance, training, value addition and market opportunities to strengthen fisheries startups and aquapreneurship in Punjab.

"The Blue Economy needs more than fish producers it needs innovators, technology providers, value creators, market builders and aquapreneurs who can transform opportunities into sustainable enterprises."

Technical Session by Expert



Dr. Poonam Aggarwal Sachdev

Co-PI, Punjab Agri Business Incubator PABI (RKVY), PAU, Ludhiana, Punjab



Dr. Poonam Aggarwal Sachdev presented an integrated perspective on the emerging opportunities in fisheries through the strengthening of cooperatives, incubation systems, and startup ecosystems. The session highlighted the growing importance of fisheries not only as a source of food and livelihood but also as a significant contributor to the Blue Economy, rural development, employment generation, and economic growth. The discussion emphasized the need to strengthen fishery cooperatives and Farmer Producer Organizations (FPOs) to improve the collective bargaining capacity of fishers and aquaculture stakeholders, facilitate access to credit, insurance, cold-chain infrastructure and markets, and support better price realization and market readiness.

The session further highlighted the role of universities, research institutions, and incubation centres in transforming research and innovative ideas into practical, field-level enterprises. Through technical facilities, mentorship, pilot opportunities, funding support, intellectual property assistance, and industry linkages, incubation ecosystems can help entrepreneurs develop commercially viable solutions for the fisheries sector. The discussion also brought attention to emerging opportunities in aquatech, IoT-based pond monitoring, traceability, ornamental fisheries, seaweed, and value-added fish products.

Particular emphasis was placed on value addition and the efficient utilization of fisheries resources and by-products. Opportunities include ready-to-cook and ready-to-eat fish products, fish fingers, cutlets, nuggets, surimi, smoked and dried products, as well as fish oil, fish meal, silage, collagen, gelatin, chitosan, and protein hydrolysates. Such approaches can create additional economic value while reducing resource wastage and supporting a more sustainable fisheries value chain.

The session emphasized sustainability, climate resilience, skill development, entrepreneurship, and stronger institutional support, highlighting fisheries as a promising sector for innovation, value addition, employment, and sustainable economic development.



“The next chapter of fisheries will be written by aquapreneurs who transform local resources into innovative solutions, profitable enterprises and sustainable livelihoods.”



Technical Session by Expert



Mr. Atul Mohan

Founder & Director

WSAFE Sustainability Services Pvt Ltd.

New Delhi



Mr. Atul Mohan presented WSAFE Sustainability Services as an innovative sustainability-driven enterprise aimed at transforming inland fisheries and aquaculture into more productive, profitable, climate-resilient, and environmentally responsible livelihood systems. The concept responds to key challenges faced by the inland fisheries sector, including inefficient utilization of water resources, increasing input and operational costs, water-quality deterioration, climate variability, disease risks, low adoption of modern technologies, post-production losses, and limited access to scientific knowledge and technical support. WSAFE proposes an integrated approach combining climate-smart aquaculture, nature-based solutions, sustainable fisheries management, water-resource optimization, ecosystem restoration, and technology-enabled production practices tailored to local inland fisheries systems. Its solutions are designed to help fish farmers and fishers improve production efficiency, reduce unnecessary input and water losses, maintain healthier aquatic ecosystems, and enhance farm-level profitability while building resilience against climate and environmental risks. Beyond production, WSAFE aims to strengthen the entire fisheries ecosystem by facilitating capacity building, technical advisory services, entrepreneurship development, technology transfer, value-chain linkages, and collaboration among farmers, fishers, startups, research institutions, government agencies, financial institutions, and private enterprises. The enterprise envisions converting underutilized and existing inland water resources into productive assets through scientifically informed and environmentally sustainable interventions, thereby creating new opportunities for rural employment, income diversification, and fisheries-based entrepreneurship. With rising fish demand and expanding inland aquaculture, WSAFE targets fish farmers, fisher groups, aquapreneurs, institutions, government agencies, and private partners through technology-driven and sustainable solutions. Its goal is to enhance productivity, livelihoods, and aquatic ecosystem health, while advancing India's sustainable Blue Economy.

"India's fisheries sector is moving from production to innovation. Smart technologies, sustainable practices and value-added enterprises can turn fisheries into a powerful engine of rural entrepreneurship."

Startup Pitching Session



Ms. Amaanat Kaur Sidhu
Post Graduation (Fisheries)
College of Fisheries, GADVASU



Farm2Fork Aqua, a direct fish marketing and value-addition platform built around one simple idea: bringing fish directly from the farm to the fork—fresh, traceable, convenient and value-added. Today, fish farmers often depend on intermediaries and primarily sell whole or live fish, which limits their ability to capture higher market value. At the same time, consumers, restaurants, retailers and institutions are looking for fish that is fresh, hygienically processed, conveniently available and reliably sourced. Farm2Fork Aqua addresses this gap by creating an integrated digital fish marketplace and local processing hub that connects farmers directly with households, restaurants, retailers and institutional buyers.

Our platform works through a complete **Farm → Processing → Branding → Digital Marketing → Consumer model**. Farmers can supply their harvest to the platform, where fish can be hygienically processed into ready-to-cook fish, fresh fillets, fish pickles, cutlets and nuggets, smoked or dried fish, fish-based snacks, and other value-added products, while even processing by-products can be converted into additional value. This means that instead of selling only raw fish, farmers can participate in a larger value chain and access higher-value markets.

What makes Farm2Fork Aqua different is the technology-enabled ecosystem behind the product. Every product can carry a QR-based farm-to-fork traceability system, allowing customers to know where their fish came from and learn about its production journey. We also build farmer branding, helping producers communicate their source, quality and production story directly to buyers. Through our online marketplace, households and B2B customers can conveniently place orders, while cold-chain coordination helps maintain freshness and reduce post-harvest losses. Farm2Fork Aqua uses AI-assisted demand forecasting, digital ordering, cold-chain coordination and QR-based traceability to connect farmers with higher-value markets. Its revenue comes from transaction commissions, processing charges, branded value-added products and institutional supply contracts. By integrating production, processing, branding, logistics and marketing, it creates a scalable farm-to-fork ecosystem that delivers convenient, quality, traceable and value-added fish while generating additional value from processing by-products.

Its USP: "From farm to fork traceable, convenient and value-added fish."

Startup Pitching Session



Mr. Adarsh Kumar

BFSc (4th Year)

College of Fisheries, GADVASU



Mobile Fish Seed and Brooder Transport Vehicle, Start-up Idea designed to provide safe, efficient, and convenient transportation of live fish seed and brooders from hatcheries or fish farms to farmers and other aquaculture locations. The main objective of the business is to reduce the stress, mortality, and quality deterioration of live fish during transportation by creating a mobile system in which suitable water conditions can be maintained throughout the journey. The proposed prototype is based on a battery-operated electric rickshaw, which acts as the main transportation platform and has a price range of approximately ₹1,00,000 to ₹1,50,000 with a range of around 80–170 km on a single charge. A 1,000-litre FRP circular tank is installed on the vehicle for holding and transporting live fish seed and brooders. The tank is supported by an aerator pump, which supplies oxygen to the water and helps maintain suitable oxygen levels for the fish during transportation. The prototype also includes a solar panel that can provide additional renewable power for operating the system and its equipment. To improve the reliability of transportation, the vehicle incorporates a Smart IoT-Based Water Quality Monitoring System, which can monitor approximately 4–6 water-quality parameters in real time, allowing the operator to observe the condition of the transport water during the journey. Thus, the complete prototype combines an electric vehicle, FRP fish-holding tank, aeration system, solar power and IoT-based water-quality monitoring into one mobile fish transportation unit. The proposed business model can operate primarily as a service-based mobile fish transportation business, where hatcheries, fish farmers, broodstock farms, cooperatives and other aquaculture stakeholders can hire the vehicle for transporting fish seed and brooders. Revenue can be generated through transportation charges based on distance, quantity of fish transported or number of trips, along with possible regular service agreements with hatcheries and fish farmers. The major value proposition of the business is to provide door-to-door transportation of live fish seed and brooders with continuous aeration and real-time water-quality monitoring, thereby making fish transportation more organized and reliable. Overall, the model aims to provide a specialized mobile solution for live fish transportation by integrating electric mobility, fish-holding infrastructure, oxygen supply, renewable energy and smart monitoring technology in a single vehicle.

Startup Pitching Session



Ms. Ritshika Kashyap
BSc (4th Year)
College of Fisheries, GADVASU

AquaFeed Circular is to convert locally available agricultural and agro-industrial waste into affordable, nutritionally balanced fish-feed ingredients and finished fish-feed formulations. The main objective is to reduce the dependence of aquaculture on expensive conventional feed ingredients while simultaneously creating value from crop residues and agricultural processing by-products. The concept involves collecting suitable agricultural waste and converting it into useful fish nutrition through fermentation and other bioprocessing methods, which can improve the digestibility and nutritional value of the raw materials. The business will then develop species-specific and nutritionally balanced feed formulations according to the requirements of different fish species. The proposed prototype or production model follows a waste-to-feed pathway, beginning with the collection of crop residues and agro-industrial by-products, followed by cleaning, drying, milling and bioprocessing of the raw materials. The processed materials are then used for formulation and production of fish-feed ingredients or finished fish-feed products. The presentation specifically presents four major stages: Agro-waste → Bioprocessing → Formulation → Aquaculture, where agricultural residues are collected, fermentation or nutritional upgrading is carried out, species-specific balanced feed is formulated, and the final product is supplied as affordable nutrition for fish farmers. The business model is primarily a B2B supply-chain model, in which locally available agricultural and agro-industrial by-products are sourced and processed before being supplied to fish farmers, aquaculture businesses and existing feed companies. Revenue can therefore be generated through the sale of processed feed ingredients as well as finished fish-feed formulations to these business customers. The model creates value at multiple levels by converting waste into a useful commercial product, reducing input costs, improving resource efficiency and establishing a local circular economy.

USP: “Turning agricultural waste into fish nutrition.”

AquaFeed Circular provides affordable fish-feed ingredients, reduces agricultural waste, improves resource efficiency, and creates a scalable B2B opportunity for fish farmers and feed companies.

Business Flow: Agricultural Waste → Processing → Nutritional Upgrading → Fish Feed → Aquaculture.



Startup Pitching Session



Mr. Hanuk

Ph.D. Scholar (FRM)

College of Fisheries, GADVASU



Smart AquaGuard is an AI + IoT-based fish farm monitoring and advisory startup designed to make aquaculture more measurable, predictable and responsive. The system uses low-cost sensors installed in fish ponds to continuously monitor critical water-quality parameters such as dissolved oxygen, pH, temperature and ammonia, with optional monitoring of turbidity, EC/salinity and water level. The collected data is transmitted through an ESP32/edge controller using Wi-Fi, 4G or LoRa to a cloud platform, where an AI/ML model analyzes the data and identifies potential risks. Farmers receive real-time information, risk scores, alerts and recommended actions through a mobile dashboard. For example, when dissolved oxygen falls rapidly and temperature increases, the system can identify a high-risk condition, alert the farmer and, when automation is installed, activate an aerator. The prototype therefore follows the process “Sense → Connect → Analyze → Alert → Act,” combining sensors, connectivity, cloud-based analysis, mobile notifications and optional automated equipment control. The startup offers a modular product structure consisting of a Starter Kit with sensors, controller, connectivity and basic dashboard; a Smart Kit with multi-parameter monitoring, alerts, analytics and equipment control; and an Enterprise system for multi-pond monitoring, fleet management, API integration and advanced analytics. The primary customers are fish farmers, hatcheries and biofloc/RAS farms, while institutional customers include FPOs, cooperatives and fisheries enterprises. Its revenue model combines one-time hardware and installation sales, monthly or annual monitoring subscriptions, premium advisory services, and additional automation modules and sensors. The startup plans to develop a prototype, conduct pilots on 5–10 farms, launch a paid MVP and later scale through AI risk models, automation and partnerships. Its key value is providing action-oriented monitoring rather than only displaying data, with the long-term vision of becoming a precision aquaculture platform for water, feed, health and energy management.

Startup Pitching Session



Mrs. Jaswinder Kaur

Village: Galib Kalan , Jagraon
Dist. Ludhiana, Punjab

Mrs. Jaswinder Kaur, a fish farmer and fisheries entrepreneur from Galib Kalan, Jagraon, Ludhiana, Punjab, represents the growing participation of women in Punjab's aquaculture sector. Through her fish farming enterprise, she has contributed to strengthening farm-based fisheries as a viable rural livelihood and entrepreneurial activity. Her farm has also served as an exposure and experiential-learning site for B.F.Sc. students, providing practical insight into fish farming and enabling knowledge exchange between practitioners and the next generation of fisheries professionals. Her entrepreneurial journey reflects the importance of scientific fish farming, practical experience, knowledge sharing and farm-level enterprise development in strengthening the fisheries value chain. As fisheries increasingly offers opportunities beyond conventional production, such farmer-led enterprises can provide a foundation for diversification into areas such as improved production practices, value addition, direct marketing and other allied activities, while also encouraging women and young aquapreneurs to explore fisheries as a sustainable business opportunity.

Jasvir Singh Aujla, a progressive fish farmer and fisheries entrepreneur from Karodian, Payal, Ludhiana, Punjab, has developed an integrated aquaculture enterprise combining scientific fish farming, processing, value addition and market-oriented entrepreneurship. Over the years, he has diversified beyond primary fish production into value-added products such as fish balls, cutlets, nuggets, sausages and fish pickle, marketed under "**Karodian's Fresh Food.**" His enterprise follows a "**pond-to-plate**" approach, integrating production with processing, product development, branding and marketing. With technical support from GADVASU, he has adopted value-addition and processing practices to enhance the commercial potential of farm produce. His focus on consumer-oriented products and direct marketing demonstrates the importance of market linkages in strengthening fisheries enterprises. His entrepreneurial journey highlights opportunities across the fisheries value chain and provides a practical model for emerging aquapreneurs and fisheries startups.

Entrepreneurship Pathway: Fish Production → Processing → Value Addition → Product Development → Branding → Marketing → Consumer Linkages



Mr. Jasvir Singh Aujla

Aujla Fish Farm
Ludhiana, Punjab

Concluding Address



Dr. Meera D. Ansal

Dean, College of Fisheries

Guru Angad Dev Veterinary and Animal
Sciences University (GADVASU)
Ludhiana, Punjab



Dr. Meera D. Ansal, Dean, College of Fisheries, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, appreciated the initiative of **MANAGE-FISHub** and **College of Fisheries, GADVASU** in organising the **Fisheries Startup and Aquapreneurship Stakeholders Meet** as a platform for bringing together academia, government, industry, farmers, startups, aquapreneurs, students and other stakeholders of the fisheries sector. She highlighted that the programme provided an important opportunity for participants to exchange knowledge, share field experiences, explore emerging technologies and understand the growing entrepreneurial opportunities across fisheries and aquaculture. Dr. Ansal emphasised that the future of fisheries lies not only in enhancing production but also in promoting innovation, value addition, sustainability, technology adoption, entrepreneurship and market-oriented approaches. She noted that programmes of this nature are particularly valuable for young aquapreneurs and aspiring entrepreneurs, as they provide exposure to successful enterprises, expert guidance, networking opportunities, mentorship and a better understanding of the challenges and opportunities involved in establishing and scaling fisheries-based ventures. She further emphasised the importance of strengthening collaboration among educational institutions, research organisations, government agencies, industry and entrepreneurs to create a supportive ecosystem for the next generation of fisheries professionals and aquapreneurs. Dr. Ansal expressed her appreciation to **MANAGE-FISHub**, **GADVASU**, the Department of Fisheries, Government of Punjab, expert speakers, startup founders, aquapreneurs, farmers, faculty members, researchers, students, media representatives and all participants for their valuable contributions and enthusiastic participation. She concluded by expressing confidence that the knowledge, connections and ideas generated through the programme would translate into meaningful collaborations, innovative enterprises and sustainable opportunities, contributing to the continued growth and transformation of the fisheries and aquaculture sector.

“Innovation can turn the challenges of fisheries into opportunities for growth and development. Smart technologies, sustainable practices and empowered communities can shape the future of the blue economy.”

Valedictory Address



Dr. Saravanan Raj
Director (Agricultural Extension)
MANAGE & CEO, MANAGE-FISHub
Rajendranagar, Hyderabad



Dr. Saravanan Raj, Director (Agricultural Extension) & CEO, MANAGE-FISHub, MANAGE, Hyderabad, expressed his sincere gratitude to **Dr. J. P. S. Gill, Hon'ble Vice-Chancellor, GADVASU**, **Dr. Meera D. Ansal**, Dean, College of Fisheries, GADVASU, distinguished experts, startup founders, aquapreneurs, faculty members, researchers, farmers, students and all participants for their valuable presence and active participation in the Fisheries Startup and Aquapreneurship Stakeholders Meet. He appreciated the enthusiasm, ideas and experiences shared by the participants, noting that such interactions are essential for strengthening the fisheries entrepreneurship ecosystem and creating meaningful opportunities for collaboration. Dr. Saravanan Raj particularly acknowledged the collaborative efforts of MANAGE-FISHub and GADVASU in bringing together academia, government departments, industry, farmers, startups, aquapreneurs and other stakeholders on a common platform. He highlighted that such institutional partnerships can play an important role in connecting knowledge with field-level needs, supporting innovation, facilitating entrepreneurship and creating sustainable livelihood and business opportunities in the fisheries sector. He also appreciated the efforts of the **College of Fisheries, GADVASU**, the organising and coordination teams, speakers, exhibitors, media representatives and all supporting stakeholders for their contribution towards the successful conduct of the programme. He expressed confidence that the relationships and ideas generated through the Stakeholders Meet would extend beyond the event and develop into stronger institutional collaborations, innovative ventures, technology adoption and sustainable growth in the fisheries and aquaculture sector. Concluding his address, he thanked everyone for their cooperation and reiterated the spirit of "Collaborate. Connect. Catalyze.", calling upon all stakeholders to work together towards building a vibrant, innovative and entrepreneurial fisheries ecosystem.

"Every fish carries a story of water, livelihood, nutrition and human effort. Let us build fisheries that respect nature while creating better opportunities for those who depend on it."

Valedictory Session Vote of Thanks



Mr. Mahiwal Singh
Program Coordinator
MANAGE-FISHub



The programme concluded with a formal Vote of Thanks, wherein sincere gratitude was extended to **Dr. J. P. S. Gill, Hon'ble Vice-Chancellor, GADVASU**, for his gracious presence, visionary guidance and encouragement; **Dr. Meera D. Ansal**, Dean, College of Fisheries, GADVASU, for her valuable support, guidance and concluding address; and **Dr. Saravanan Raj**, Director (Agricultural Extension) & CEO, MANAGE-FISHub, for his inspiring address and continued leadership in strengthening fisheries innovation, entrepreneurship and aquapreneurship. Mr. Singh expressed his sincere appreciation to all the expert speakers, startup founders, aquapreneurs, faculty members, researchers, farmers, students, industry representatives and participants for their valuable insights, active engagement and enthusiastic participation, which enriched the programme and strengthened the spirit of stakeholder collaboration. Special appreciation was extended to the entire Coordinator Team of the College of Fisheries, GADVASU, for their meticulous planning, seamless coordination, technical support, hospitality and tireless efforts behind the successful execution of the programme. The contribution of MANAGE-FISHub and GADVASU in bringing together diverse stakeholders on a common platform for knowledge exchange, networking, innovation and entrepreneurship was also acknowledged. A special vote of thanks was extended to the media representatives and media personnel for their valuable support in covering and disseminating the proceedings, initiatives and key messages of the Stakeholders Meet, thereby helping to amplify the reach and impact of the programme. The programme concluded with a strong sense of optimism and collaboration, reflecting the spirit of *"Collaborate. Connect. Catalyze."* and highlighting the immense potential for transforming ideas, partnerships and innovations into meaningful enterprises and sustainable opportunities in the fisheries sector.



*"Thanks to Nature for its bounty,
Thanks to Fishermen for their dedication,
And thanks to Fisheries for sustaining lives and shaping futures."*



Startups Exhibition and Networking

The Startup Exhibition featured innovative fisheries and allied-sector solutions from Dr. Aqua Solution, Aujla Fish Farms Ludhiana, Innovative Fish Farmers Association (IFFA), Punjab, and the College of Fisheries, GADVASU. **Dr. Aqua Solution** showcased aquaculture probiotics and water-quality management solutions for improving fish health, farm productivity, and sustainable production. **Aujla Fish Farms** highlighted practical fish-farming practices and modern aquaculture technologies, demonstrating opportunities for efficient and profitable fish production. **Innovative Fish Farmers Association (IFFA)** showcased farmer-led innovations and practical experiences, promoting peer learning, knowledge exchange, and collective problem-solving among fish farmers. The **College of Fisheries, GADVASU** presented fisheries technologies, research innovations, and technical expertise, with strong potential for technology transfer, capacity building, and research-industry collaboration. The exhibition also provided an opportunity to connect innovations with farmers, entrepreneurs, institutions, and market stakeholders. It encouraged discussions on technology adoption, business expansion, value addition, and sustainable fisheries development. Overall, the exhibition strengthened networking and highlighted the growing potential of innovation-driven entrepreneurship in the fisheries sector.



Media Coverage

'Fisheries Start-up and Aquapreneurship Stakeholders Meet' organised at Vet Varsity

PUNJAB EXPRESS BUREAU
Ludhiana, August 19

The Fisheries Start-up and Aquapreneurship Stakeholders Meet at Vet Varsity brought together key stakeholders to encourage innovation driven technology and service-based start-ups in the fisheries sector. The programme was organized by National Institute of Agricultural Extension Management (MANAGE)-Fisheries Innovation and Start-up Hub (FISHHub), Hyderabad, in collaboration with the College of Fisheries, Guru Angad Dev



A group of people, including students and faculty, are gathered around a table, looking at a laptop screen during the Fisheries Start-up and Aquapreneurship Stakeholders Meet.

promote innovative start-ups in fisheries and aquaculture sectors, through mentoring, legal, financial, and technological as well as IP related support, for transforming novel ideas into successful business models.

Addressing the stakeholders, Chief Guest of the event Dr. JPS Gill, Vice-Chancellor, highlighted the importance of start-ups and entrepreneurship in developing Atmanirbhar and Viksit Bharat. Sharing university's consistent efforts in encouraging

Start-ups & promoting entrepreneurship among veterinary, dairy and fisheries professionals, he emphasized on the need to facilitate effective field-level adoption of emerging technologies in alignment with national priorities and food security. To boost start-up ecosystem in the university a Veterinary & Livestock Innovation & Incubation Foundation (VLIF) has been established to nurture prospective startup ideas in veterinary, livestock & fisheries, he informed.

20-11-2026 दैनिक मासकर

वैटरनरी यूनिवर्सिटी में जलीय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

संवाद: प्रवीण

लुधियाना, 19 अगस्त (पंजाब-एक्सप्रेस)। जलीय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा



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20-11-2026 पंजाबी सागर

समाचार: 20 अगस्त 2026। वैटरनरी यूनिवर्सिटी में जलीय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

मंडी पालत नुं उद्यमिगिड करन लछी वैटरनरी 'वर्गसिटी' ਦੀ ਪਹਿਲਕਦਮੀ

ਪੰਜਾਬੀ ਸਮਾਜ

ਲੁਧਿਆਣਾ, 19 ਅਗਸਤ (ਪੰਜਾਬ-ਐਕਸਪ੍ਰੈਸ)। ਜਲੀय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

20-11-2026 ਅੰਮ੍ਰਿਤ

ਲੁਧਿਆਣਾ, 19 ਅਗਸਤ (ਪੰਜਾਬ-ਐਕਸਪ੍ਰੈਸ)। ਜਲੀय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

वैटरनरी यूनिवर्सिटी वल्ले वरवाही गरी मंडी पालत मटारट-अप अजे जलनीव पेखेवर उद्येमीआं ਦੀ ਮੀਟਿੰਗ

ਪੰਜਾਬੀ ਸਮਾਜ

ਲੁਧਿਆਣਾ, 19 ਅਗਸਤ (ਪੰਜਾਬ-ਐਕਸਪ੍ਰੈਸ)। ਜਲੀय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

ਵੈਟਰਨਰੀ ਯੂਨੀਵਰਸਿਟੀ ਵਲੋਂ ਮੱਛੀ ਪਾਲਣ ਸਟਾਰਟ-ਅਪ ਅਤੇ ਜਲਜੀਵ ਪੇਖੇਵਰ ਉਦਮੀਆਂ ਦੀ ਮੀਟਿੰਗ

20-11-2026 Hindustan Times

VET VARSITY ORGANISES FISHERIES START-UP MEET
LUDHIANA : The fisheries start-up and aquapreneurship stakeholders meet at Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) brought together key stakeholders to encourage innovation driven technology and service-based start-ups in the fisheries sector.

The programme was organized by National Institute of Agricultural Extension Management (MANAGE)-fisheries innovation and start-up hub (FISHHub), Hyderabad, in collaboration with the College of Fisheries, GADVASU. Over 300 stakeholders attended the meet, including fisheries scientists, students, fisheries professionals, start-up owners, officers & farmers. MANAGE-FISHHub serves as a national platform to promote innovative start-ups in fisheries and aquaculture sectors, through mentoring, legal, financial and technological as well as IP related support, for transforming novel ideas into successful business models.

Addressing the stakeholders, chief guest of the event Dr JPS Gill, vice-chancellor, highlighted the importance of start-ups and entrepreneurship in developing Atmanirbhar and Viksit Bharat. He emphasized on the need to facilitate effective field-level adoption of emerging technologies in alignment with national priorities and food security. To boost start-up ecosystem in the university a Veterinary & Livestock Innovation & Incubation Foundation (VLIF) has been established to nurture prospective startup ideas in veterinary, livestock & fisheries, he informed.

The guests of honour, Kanwar Bajinder Singh, director of Punjab Agricultural Management and Extension Training Institute (PAMETI), Ludhiana and Hardev Singh, Director and warden Fisheries, Punjab, inc

20-11-2026 दैनिक जागरण आत्मनिर्भर भारत के लिए मत्स्य स्टार्टअप को बढ़ावा देने पर जोर दिया

जगज्ज्गल लुधियाना : गुरु अंगद देव वैटरनरी एंड एग्लिक्ल साइंसेज यूनिवर्सिटी (गडवास) में मत्स्य पालन स्टार्ट-अप और जलीय उद्यमियों की एक महत्वपूर्ण बैठक आयोजित की गई। इसमें 300 से अधिक प्रतिभागियों ने हिस्सा लिया। बैठक का मुख्य उद्देश्य मत्स्य क्षेत्र में नवाचार आधारित तकनीक और व्यावसायिक अवसरों को बढ़ावा देना था। इसका आयोजन राष्ट्रीय कृषि विस्तार प्रबंधन संस्थान (मैनज) के फिशरीज इन्वोल्वेशन एंड स्टार्टअप हब, हैदराबाद ने गडवास के फिशरीज कॉलेज के सहयोग से किया। संवाद

20-11-2026 अमर उजाला

मत्स्य स्टार्टअप को नई उड़ान देने पर किया सन्धान लुधियाना। गुरु अंगद देव वैटरनरी एंड एग्लिक्ल साइंसेज यूनिवर्सिटी (गडवास) में मत्स्य पालन स्टार्ट-अप और जलीय उद्यमियों की एक महत्वपूर्ण बैठक आयोजित की गई। इसमें 300 से अधिक प्रतिभागियों ने हिस्सा लिया। बैठक का मुख्य उद्देश्य मत्स्य क्षेत्र में नवाचार आधारित तकनीक और व्यावसायिक अवसरों को बढ़ावा देना था। इसका आयोजन राष्ट्रीय कृषि विस्तार प्रबंधन संस्थान (मैनज) के फिशरीज इन्वोल्वेशन एंड स्टार्टअप हब, हैदराबाद ने गडवास के फिशरीज कॉलेज के सहयोग से किया। संवाद

वैटरनरी यूनिवर्सिटी वल्ले मੱਛੀ ਪਾਲਣ ਸਟਾਰਟ-ਅਪ ਅਤੇ ਜਲਜੀਵ ਪੇਖੇਵਰ ਉਦਮੀਆਂ ਦੀ ਮੀਟਿੰਗ ਦਾ ਆਯੋਜਨ

ਲੁਧਿਆਣਾ 19 ਅਗਸਤ (ਪੰਜਾਬ-ਐਕਸਪ੍ਰੈਸ)



ਲੁਧਿਆਣਾ, 19 ਅਗਸਤ (ਪੰਜਾਬ-ਐਕਸਪ੍ਰੈਸ)। ਜਲੀय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

वैटरनरी यूनिवर्सिटी ने मछली पालन स्टार्टअप और पानी के प्रोफेशनल्स की मीटिंग ऑर्गनाइज की

लुधियाना, 19 अगस्त (पंजाब-एक्सप्रेस)



लुਧਿਆਣਾ, 19 ਅਗਸਤ (ਪੰਜਾਬ-ਐਕਸਪ੍ਰੈਸ)। ਜਲੀय उद्यमियों की बैठक, नवाचार पर जोर, 300 से अधिक विशेषज्ञ जुटे स्टार्ट-अप से मजबूत होगा मत्स्य क्षेत्र, उद्यमियों को मिलेगा सहयोग सरकार और उद्योग के बीच समन्वय से बढ़ेगा मत्स्य उद्यमिता का दायरा

Fisheries innovation takes centre stage at Vet Varsity meet

THE SARGRAV NEWS NETWORK

LUDHIANA: Turning innovative ideas into viable businesses in fisheries and aquaculture was the focus of a stakeholders' meet organised at Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) on Wednesday. The Fisheries Start-up and Aquapreneurship Stakeholders Meet, organised by MANAGE-Fisheries Innovation and Start-up Hub (FISHHub), Hyderabad, in collaboration with the university's College of Fisheries, brought together over 300 participants, including scientists, students, fisheries officials, professionals and start-ups. Chief guest and GADVASU Vice-Chancellor Dr J



Dr Kanwar Bajinder Singh, Director, PAMETI, and Hardev Singh, Director and Warden Fisheries, Punjab, highlighted schemes and capacity-building initiatives available for budding entrepreneurs. Farmers and business stakeholders. Dr Sarwanam Raj, Director of Agriculture, Fisheries and Aquaculture, stressed mentoring and stronger linkages among entrepreneurs, academia, government and industry to speed up technology adoption and commercialisation. The Director Extension Education Dr G. Gill said the university had established the Veterinary & Livestock Innovation & Incubation Foundation (VLIF) to nurture

Media Coverage Online



Report Prepared by:

Mr. Mahiwal Singh (MANAGE-FISHub)

MANAGE Fisheries Innovation and Startup Hub (MANAGE - FISHub)

(A National Fisheries Incubation Centre Supported by the Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India)

National Institute of Agricultural Extension Management (MANAGE)

(An Autonomous Organization of Ministry of Agriculture and Farmers Welfare, Govt. of India)

Rajendranagar, Hyderabad – 500 030, Telangana, India

<https://www.manage.gov.in/managefishub/>