

MANAGE-FISHub's Report on Fisheries-StartUp and Aquapreneurship Stakeholders Meet



In Collaboration with



Acharya Narendra Deva University of Agriculture & Technology



9th September, 2026



College of Fisheries, Kumarganj, Uttar Pradesh



Program Background

MANAGE proposed a collaboration with Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Uttar Pradesh to conduct the Fisheries Startup & Aquapreneurship Stakeholders Meet in Uttar Pradesh. Following acceptance from the university authorities, the program was scheduled and successfully conducted on 9th September, 2026 at the College of Fisheries, Kumarganj, Uttar Pradesh.

The organizing team for the program comprised members from both institutions from MANAGE, the team included Dr. Saravanan Raj, Director (Agricultural Extension), MANAGE, & CEO, M-FISHub, and Ms. Jaini Jeshwanthi, Business Executive, MANAGE-FISHub. From ANDUAT the organizing team included Dr. Gyanendra Pratap Singh, Hon'ble Vice-Chancellor, Prof. Dr. P.S. Pramanik, Registrar, Dr. C. P. Singh, Dean, College of Fisheries, and Dr. Suman Dey, Assistant Professor, College of Fisheries, ANDUAT.

A list of proposed stakeholders from the fisheries startup ecosystem of Uttar Pradesh 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 designed to include an inaugural session, followed by technical sessions comprising startup experience sharing, technology demonstrations, startup pitching, exhibition and networking, and concluding with a valedictory session.

A total of 274 participants registered for the program, including startups, students, faculty members, fishers, fish farmers and other professionals. Confirmation mails were sent to all registered participants, and they were requested to join a WhatsApp group created for further communication and coordination.



Among the startups that expressed interest in pitching and exhibition, a screening process was undertaken, following which 10 startups were shortlisted for the pitching session and 8 startups were shortlisted for the exhibition.

The program was conducted at the Veterinary Auditorium and attended by 280 participants, including 7 dignitaries who graced the dais, 20 representatives from fisheries startups and aquapreneurial ventures across Uttar Pradesh, 30 farmers from Ayodhya, 200 students from fisheries colleges, and Agri Business Management of ANDUAT and 20 professionals, including faculty members, officials from state fisheries and allied departments, consultants, managers, engineers, and technicians.

Inaugural Session

Dr. C. P. Singh, Dean, College of Fisheries, ANDUAT delivered the welcome address and outlining the objectives and significance of the Fisheries Startup and Aquapreneurship Stakeholders Meet.

He commenced his address by extending a warm and formal welcome to all the stakeholders assembled for the meet. On behalf of the organizing committee, he greeted the distinguished dignitaries on and off the dais, University officers and faculty colleagues, the core target groups of the event- participants from various Startups, Aquapreneurs, Farmers, Self Help Groups (SHGs), and Fish Farmer Producer Organizations (FFPOs), Students, University Staff, and Representatives from the media.

The address highlighted the program's focus on strengthening fisheries entrepreneurship through innovation, collaboration, and value-chain integration. The session emphasized that the platform enables fisheries startups and aquapreneurs to showcase innovations, connect with partners, and learn from successful ventures, while facilitating dialogue and partnerships that support sustainable growth, technological adoption, and blue economy development.

He further highlighted the need for an enabling ecosystem for the growth of the startups in Uttar Pradesh. He also welcomed the guests to the programme and thanked the Director, MANAGE, and associated officials of MANAGE for providing such a platform, which is the need of the hour for developing the apt entrepreneurial ecosystem in the fisheries and aquaculture sector and concluded with a warm welcome to all dignitaries and participants. The program was started with lighting of lamp by Dignitaries.



Dr. C. P. Singh
Dean, College of Fisheries



Lighting of Lamp by Dignitaries



Inaugural Session

Ms. Jaini Jeshwanthi, Business Executive introduced MANAGE as a premier national-level organization operating under the Ministry of Agriculture and Farmers Welfare, Government of India. She highlighted that MANAGE has played a significant role in nurturing and supporting the agricultural startup ecosystem for the past decade. With the support of Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India MANAGE launched MFISHub (MANAGE- Fisheries Innovation and Startup Hub), in August, 2025 explicitly designed to accelerate dedicated fishery innovators.

The theme of today's programme, "Connect. Collaborate. Catalyze," reflects the very purpose of this gathering—to bring together different stakeholders of the fisheries and aquaculture ecosystem and create meaningful opportunities for collaboration, networking, innovation and entrepreneurship.

She briefed about the MFISHub programs like Pre-Incubation Mentoring Program, Incubation Program, Aqua Eureka Program, Aqua Reach, Aqua Yuva and Aqua Udhyami Programs, Fisheries Startup and Aquapreneurship Stakeholders Meet, Fisheries Fortnightly Friday (F3) Webinars, and Internship Program

Today's programme provides a platform for startups to showcase their innovations, interact with stakeholders, build networks and pitch their business ideas. The technical sessions include a startups exhibition, networking opportunities, startup pitches and interactive Q&A sessions.

The stakeholder meet will help strengthen linkages among academia, government, financial institutions, entrepreneurs, startups and the fisheries community, ultimately contributing to the growth of a vibrant fisheries startup ecosystem.



Ms. Jaini Jeshwanthi
Business Executive
MANAGE FISHub, Hyderabad



Inaugural Session



Dr. Pratibha Singh, Dean
College of Agriculture, ANDUAT

Dr. Pratibha Singh, Warmly welcomed the guests and mentioned about the nutritional importance of fish and the changing role of the fisheries sector. She explained that fisheries have developed considerably over the years and its contribution goes beyond traditional farming.

She also mentioned startups play a vital role in modernizing the fisheries and aquaculture sector by introducing innovative technologies, products and business models. They encourage value addition and utilization of fishery waste, while creating employment and entrepreneurship opportunities for youth, women, fishers and rural communities.

Thus, startups act as important drivers of innovation, income generation, sustainability and inclusive growth in the fisheries sector.

Dr. Ram Batuk Singh, Warmly welcomed the guests and mentioned about the strong need to convert innovative ideas and technologies developed in laboratories and research institutions into practical solutions that can be used effectively at the farm level and ultimately reach the market.

Many technologies in fisheries and aquaculture have significant potential but remain underutilized due to gaps in field validation, affordability, technical knowledge, infrastructure and commercialization.

Startups can play a crucial role in bridging this gap by transforming research findings into user-friendly, cost-effective and scalable products and services. Technologies such as smart aquaculture systems, IoT-based water-quality monitoring, improved feeds and seed, disease-diagnostic tools, efficient processing equipment, cold-chain solutions and value-added products can be tested, refined and demonstrated under real farm conditions.



Dr. Ram Batuk Singh
Director Extension
ANDUAT

Inaugural Session

Dr. Balasaheb Ramdas Chavan, Warmly welcomed the guests and opened his speech by structurally addressing about the Uttar Pradesh blessed with vast inland water resources, ponds, reservoirs, lakes, Ox-bow lakes, water logged areas, riverine wetlands, rivers and massive inland saline area having full of immense economic potential. However, out of these resources only ponds, reservoir and lakes are utilised for fisheries. The total fish production of last year 2024-25 is of 13.2 Lakh ton and target for 2030-31 is 31 lakh ton and 40 lakh ton in 2046-47.

He emphasized ICAR-CIFRI research teams have developed highly successful, climate re-silent technologies such as cage culture and pen culture for open water aquaculture, developed high efficiency fish feed CIFRI-CAGEGROW. Now we need startups that manufacture low cost, durable cage modules and aquapreneurs setting up automated aqua feed mills, drone based health monitoring networks etc.



Dr. Balasaheb Ramdas Chavan
Head, ICAR-CIFRI Regional
Centre, Prayagraj



Dr. Ajay Singh
Principal Scientist, ICAR-ATARI
Kanpur

Dr. Ajay Singh has emphasized the importance of bridging the gap between academic knowledge and real-life applications in fisheries and aquaculture by encouraging students and professionals to move beyond theoretical learning and apply their technical knowledge to address practical challenges faced by farmers, fishers and the industry. He highlighted the growing significance of the Blue Economy and the opportunities it offers in sustainable aquaculture, fish processing, value addition, marine biotechnology, digital technologies and entrepreneurship.

He encouraged fisheries students and professionals to develop problem-solving, innovative and entrepreneurial skills, collaborate with research institutions, startups, industry and farming communities, and convert scientific knowledge into practical, commercially viable and sustainable solutions for the growth of the fisheries sector.

Inaugural Session



Dr. P.S. Pramanik
Registrar, ANDUAT



Dr. P.S. Pramanik commenced his speech by acknowledging and welcoming the distinguished guests, faculty members, students, and entrepreneurs present at the meet. He emphasized today gathering is not just to discuss an industry, but to unlock a massive wave of economic opportunity. Fisheries and aquaculture are no longer just traditional livelihood they are dynamic, high growth sectors ripe for technological innovation and commercial scaling. As an agricultural university, our core mission is to bridge the gap between academic research and real world market solutions. We are here to transform our students and rural youth from job seekers into job creators.

He also briefed about the blue economy holds incredible potential for our region. However scaling a modern fisheries enterprise require a robust ecosystem. That is precisely why this stakeholder meeting is so critical. We have brought together the complete ecosystem under one rood: Academic Researchers, Industry leaders, Financial institutions & investors, and Government representatives. At ANDUAT we are fully committed to fostering this entrepreneurial spirit. Our incubation facilities, expert faculty, and reserach labs are open to innovators who want to solve critical challenges -whether in smart fish farming, high quality feed formulation, disease management, or cold chain logistics. we want our research to leave the labs and thrive in commercial ponds and markets.

To our young entrepreneurs and students in the auduence: the market is waiting for your ideas. To our stakeholders : your mentorship, funding and market access are the fuel thes startup needs. Let us use this platform today to bulid strong colloborations, sign meaningful partnership and draft a roadmap that positions our region as a hub for fisheries innovation.



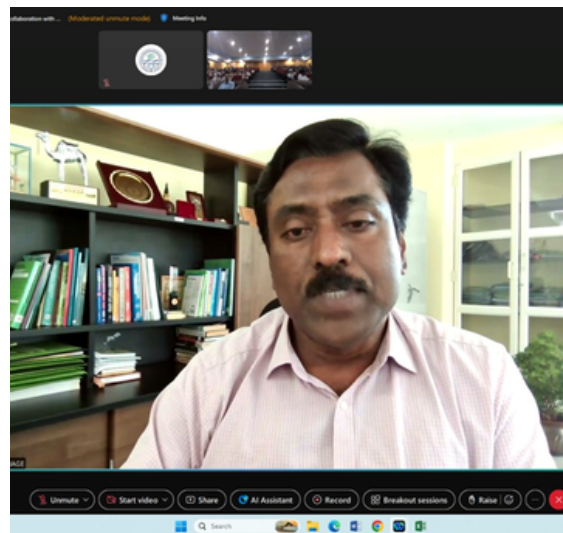
Inaugural Session

Dr. Saravanan Raj, Director (Agricultural Extension), MANAGE & CEO, MANAGE FISHub, Hyderabad, joined the programme online and introduced MANAGE as a premier national-level organization operating under the Ministry of Agriculture and Farmers Welfare, Government of India. He emphasized the MANAGE has been deeply embedded in the agricultural startup ecosystem for the past decade. Building upon the successful track record in agriculture, the Ministry of Fisheries, Animal Husbandry and Dairying officially designated MANAGE as a Center of Excellence last year. This mandate marked the launch of MANAGE-FishHub (Fisheries Innovation and Startup Hub), in August, 2025 explicitly designed to accelerate dedicated fishery innovators.

Dr. Saravanan Raj detailed several ongoing and highly structured sub-programs like Incubation program (cohorts), 22-Day Pre-Incubation Program, Fisheries Startup and Aquapreneurship Stakeholder program, Fisheries Fortnightly Friday (F3) Webinars, Aqua- Yuva, Aqua- Udyami and Aqua Reach.

He concluded by acknowledging that entrepreneurs and startups frequently struggle because they operate in isolation. The primary goal of the meet was to break that barrier by connecting aquapreneurs directly to a complete institutional support system comprising the Department of Fisheries, NABARD, ICAR research institutes, ATARI, Krishi Vigyan Kendras (KVKs), and state agricultural universities.

He extended his gratitude to the Vice Chancellor, the Dean, and the faculty of ANDUAT for partnering with MANAGE to convert this vision into an active, collaborative ecosystem.



Dr. Saravanan Raj
Director (Agricultural Extension)
MANAGE



Experience Sharing Session

Mr. Akash Singh, discussed the development of Fish White Pvt. Ltd. as a branded fish business aimed at addressing major challenges in the fish market. He highlighted the issue of freshness, as much of the fish available in markets is unbranded and may be several days old. He has recently received a Performance Grant Approval amount of Rs. 2 crore under the scheme of PM-MKSSY.

He also discussed post-harvest losses and wastage, estimated at around 15–20%, due to inadequate infrastructure and improper handling. The use of harmful chemical preservatives was identified as another concern because of potential health risks to consumers. He further highlighted the role of middlemen in increasing fish prices, which can reduce affordability for consumers while limiting the returns received by farmers and sellers. He emphasized the need for better handling, freshness, branding, and efficient marketing systems to improve the fish value chain and provide safer, higher-quality fish to consumers.



Mr. Akash Singh
Founder and CEO
Fish White Pvt. Ltd., Varanasi



Mr. Veer Gaurav,
Ornamental Fish Trader
Maharajganj, UP

Mr. Veer Gaurav, a rising aquapreneur involved in the ornamental and exotic fish business. He shared his practical experience in ornamental fish breeding, aquaculture production, and disease management. He mentioned that he gained specialized breeding knowledge through NIT Thailand during 2019-2020 and highlighted the involvement of around 300 farmers in fish seed production. He emphasized that temperature and weather conditions have a major influence on fish breeding and production. He explained that farmers often face difficulties in identifying diseases at an early stage. Therefore, proper disease diagnosis, timely treatment, selection of appropriate medicines, and technical guidance are important for reducing mortality and maintaining fish health. He shared his extensive practical experience, stating that he has been working in water-related and aquaculture activities since 2010.

Experience Sharing Session

Mr. Gaurav Yadav explained that their company has been supplying fish feed since 2017 and highlighted the important role of quality fish feed in achieving better growth, survival, feed efficiency and profitability in aquaculture. He emphasized that feed constitutes one of the major recurring costs in fish farming, and therefore farmers need to select nutritionally balanced, good-quality feed suitable for the species, size and culture stage of fish. He discussed the importance of proper feeding practices, including appropriate feed quantity, feeding frequency and feeding at suitable times, to avoid underfeeding or overfeeding. Farmers should observe fish feeding behaviour and adjust the feed quantity according to consumption, biomass, water temperature and culture conditions. During winter, particularly in January and February, lower water temperatures can reduce fish metabolism and feed consumption; therefore, feeding rates should be adjusted accordingly to prevent feed wastage and deterioration of water quality.



Mr. Gaurav Yadav
Technical Manager
IFB Feeds Pvt. Ltd.



Mr. Govind Bahadur
Technical Manager
Neospark Pvt. Ltd.,

Mr. Govind Bahadur emphasized that feed quality and storage management are equally important. Feed should be stored in a dry, clean and well-ventilated place and protected from moisture, pests and contamination to maintain its nutritional quality. Poor-quality or improperly stored feed can lead to reduced growth, poor feed conversion, and increased susceptibility to health problems. He also highlighted the close relationship between feeding and water quality, as uneaten feed and excessive feeding can deteriorate water quality and contribute to disease problems. Farmers should therefore regularly monitor water quality, observe fish behaviour and feeding response, and modify feeding practices whenever necessary. Proper feed selection, efficient feeding management, suitable storage, regular monitoring of water quality and timely corrective measures can improve feed utilization and fish growth, reduce production costs and feed wastage, and ultimately increase the profitability of farmers.

Experience Sharing Session

Mr. Ratnesh Mohan emphasized that a sound understanding of fish biology is essential for effective fish culture, health management, growth, reproduction, and overall production. He highlighted the importance of understanding market demand, consumer preferences, pricing, supply chains, and emerging market opportunities for developing sustainable fisheries enterprises. He stressed the importance of efficient fish trading and marketing in ensuring that quality fish reaches consumers at the right time and at competitive prices. He highlighted that effective trading practices, including proper handling, grading, sorting, storage, transportation, and strong market linkages, can help maintain fish quality and reduce post-harvest losses. These practices can also improve price realization and enhance the income of farmers and traders. He concluded by emphasizing that integrating biological knowledge, modern fisheries technologies, scientific farm management, and efficient trading and marketing practices can improve productivity, reduce losses, strengthen value-chain linkages, and enhance the overall efficiency and profitability of fisheries and aquaculture.



Mr. Ratnesh Mohan
Proprietor
Shree Traders



Mr. Ranjan
Technical Manager
ABIS Fish Feed Ltd.

Mr. Ranjan discussed innovation and entrepreneurship as key components for the development and growth of the fisheries sector. He focused on improving aquaculture production through the proper management of quality seed, quality feed, water quality, stocking density, and other farming practices. Different fish species, including IMC, Exotic Major Carps, Pangasius, and Murrel, were discussed, with particular emphasis on Pangasius for its relatively short production cycle. He also highlighted the importance of market demand and private-sector participation in aquaculture. He discussed Pangasius culture and the role of private companies and their representatives in supporting production and marketing. Further, he explained seed production, seed supply, stocking practices, seed providers, grading, seed transportation, and survival rates, including the importance of large hatcheries in ensuring a reliable supply of quality seed. Finally, he emphasized that feed cost is a major component of aquaculture production economics and that efficient feed management is essential for profitable and sustainable fish farming.

Startups Exhibition and Networking

Following the conclusion of the Technical Session, a Startup Exhibition was held at the venue, where selected fisheries and allied-sector startups showcased their innovative products, technologies, and business models. The exhibition was actively visited by dignitaries, speakers, officials, experts, and participants present at the program. A total of 8 Exhibition stalls were arranged. The Exhibition stalls include Prajakt Life Sciences Pvt Ltd., Growel Feeds Pvt Ltd., IFB Agro Pvt Ltd., Neospark Pvt Ltd., Watrmin Probiotics Pvt Ltd., Pvt. Ltd., ABIS Fish Feed Pvt. Ltd., Silverfin Agrofarm Ltd., Mahatech Agrofeeds Ltd., and Tata Rallies Ltd.

The startups presented a wide range of innovations, including aquaculture probiotic solutions, fisheries export services, sustainable packaging solutions, integrated digital platforms that support fisheries operations and sustainability.

During the exhibition, dignitaries and stakeholders engaged directly with startup founders, appreciated their innovations, and offered valuable feedback and suggestions for further refinement and scaling. The exhibition functioned as an effective platform for startups to demonstrate their solutions, gain visibility, and explore collaboration and partnership opportunities, while promoting knowledge exchange and networking fisheries ecosystem stakeholders.



Startup Pitching Session



Mr. Vivek
Founder, ScaleGen

Mr. Vivek explained about ScaleGen aims to improve productivity, profitability, and sustainable business growth.

Problem Statement:

Small- and medium-scale aquaculture farmers face challenges in increasing production and managing farm resources efficiently. Traditional and fragmented practices make production planning and expense tracking difficult. High input and operational costs can reduce farm profitability. Limited technical support and poor farm organization restrict business expansion. Managing multiple ponds or production units becomes difficult as the enterprise grows.

Solution:

ScaleGen provides an organized and scalable approach to aquaculture farm management. It supports better production planning, resource utilization, and operational cost management. Systematic record-keeping and monitoring can improve farm-level decision-making. It helps farmers efficiently manage and expand multiple production units.

Mr. Anil Singh explained about Matsyora aims in value addition of fish and fishery products.

Problem:

Fish farmers and producers often face difficulties in obtaining better market prices, developing value-added products, reducing post-harvest losses, and connecting efficiently with consumers. Dependence on traditional marketing channels can reduce the returns received by producers.

Solution:

Matsyora focuses on value addition, product development, and improved marketing of fisheries products. By developing market-oriented fish products and improving their distribution and marketing, the innovation aims to provide better opportunities across the fisheries value chain. It can help promote product diversification, improve market access, and connect producers more effectively with consumers. Overall, Matsyora aims to strengthen the fisheries value chain and support improved income and sustainable business opportunities for producers and other stakeholders.



Mr. Anil Singh
Founder
Matsyora

Startup Pitching Session



Ms. Chanda Kumari
Student
College of Fisheries

Ms. Chanda Kumari explained about the integrated Fish Farming system.

Problem:

Large quantities of orchard residues, agricultural by-products, and organic resources may remain unused or become waste. Improper disposal or burning of these residues can lead to resource loss and environmental concerns.

Solution:

Orchard to Aquaculture promotes the integration of orchard farming with aquaculture, enabling better utilization of available farm resources. Suitable agricultural residues and by-products can be incorporated into an integrated farming system through appropriate processing and management, supporting resource recycling and reducing wastage. The approach can help utilize land, water, organic resources, and farm by-products more efficiently while creating additional income opportunities. By linking orchard production with aquaculture, the model can promote diversification, resource efficiency, waste reduction, and sustainable farm development.

Ms. Khushi singh explained about the utilization of aquatic waste into valuable products.

Problem:

Marine and aquatic resources are often used in a linear manner, generating considerable waste. Large quantities of aquatic by-products and underutilized resources remain unused. Improper disposal of waste can contribute to pollution and resource loss. Valuable materials are often lost due to limited recycling and recovery systems. There is a need for more sustainable and efficient resource-management practices.

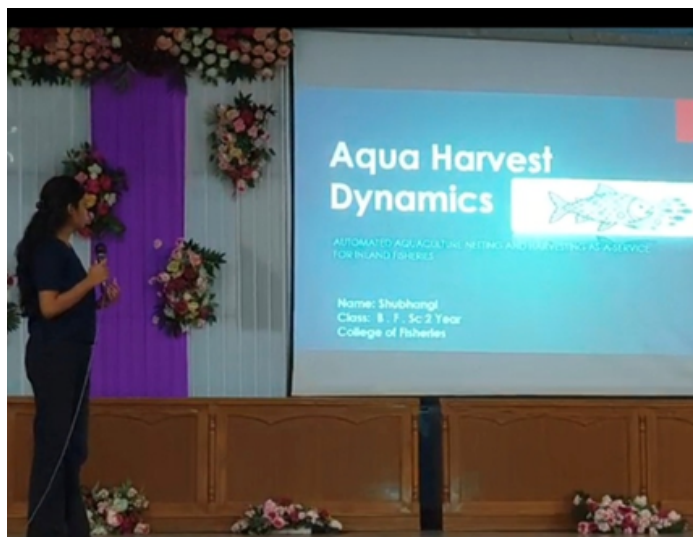
Solution:

Sea Cycle promotes a circular approach to marine and aquatic resource management. Aquatic waste and by-products can be recovered, reused, recycled, or converted into valuable products. The approach helps reduce waste, pollution, and unnecessary resource loss. It promotes value addition and efficient utilization of marine and aquatic resources. The model can support sustainable enterprises and new business opportunities.



Ms. Khushi Singh
Student
College of Fisheries

Startup Pitching Session



Ms. Shubhangi
Student
College of Fisheries

Ms. Shubhangi explained about the Aqua Harvest Dynamics

Problem:

Fish harvesting is often labour-intensive and may cause fish injury, mortality, stress, product damage, and unnecessary operational costs when proper techniques are not followed. Poor harvesting and handling practices can reduce fish quality, shelf life, and market value. Traditional harvesting methods may also require more labour and time, leading to higher operational expenses and post-harvest losses.

Solution:

Aqua Harvest Dynamics focuses on improved harvesting and post-harvest management techniques to make fish harvesting more efficient, safe, and economical. Better harvesting methods, careful handling, and systematic planning can help minimize fish stress, physical damage, and mortality. The approach also aims to reduce post-harvest losses, improve product quality and shelf life, and optimize labour and operational costs. Efficient harvesting and handling practices can ultimately help farmers and fish producers achieve better quality, higher market value, and improved profitability.

Ms. Jhalak has highlighted that there is a need for innovative fish-based products that combine nutrition, convenience, shelf life, and consumer appeal.

Problem:

Although fish is an excellent source of high-quality protein, consumers have limited access to convenient, ready-to-eat, and value-added fish products. Fish is highly perishable and requires proper processing, handling, and preservation to maintain quality and safety. Limited product diversification can restrict the utilization and market potential of fish. Consumers increasingly seek nutritious, convenient, and easy-to-consume food options.

Solution:

A Fish Protein Bar can convert fish into a convenient, nutritious, and value-added food product. Proper formulation, processing, packaging, and preservation can improve convenience and extend shelf life. The product can provide consumers with an alternative source of high-quality protein in an easy-to-consume format. It can also support value addition, product diversification, and better utilization of fish resources. The concept offers potential for developing innovative, market-oriented, and commercially viable fish-based food products.



Ms. Jhalak Bhoobhria
Student
College of Fisheries

Startup Pitching Session



Ms. Ragini
Student
College of Fisheries

Ms. Ragini explained about the Aqua Star Bond feed

Problem:

Conventional fish feed may disintegrate rapidly in water, resulting in nutrient loss, feed wastage, water pollution, and poor feed utilization. Unstable feed can increase production costs and negatively affect water quality. Leaching of nutrients before consumption can reduce the nutritional value of the feed. There is a need for durable and water-stable feed that improves nutrient retention and feeding efficiency.

Solution:

Aqua Star Bond Feed focuses on developing water-stable, nutritionally balanced fish feed with effective binding properties. Improved feed stability can help retain nutrients and reduce nutrient leaching into the water. Better pellet integrity can minimize feed wastage and improve feed utilization by cultured fish. Reduced feed wastage can contribute to better water quality and more efficient farm operations. The approach can help improve feeding efficiency, reduce input costs, and support productive and sustainable aquaculture.

Ms. Kushi Rao explained about the need for sustainable systems that combine better management, biological solutions, and real-time monitoring.

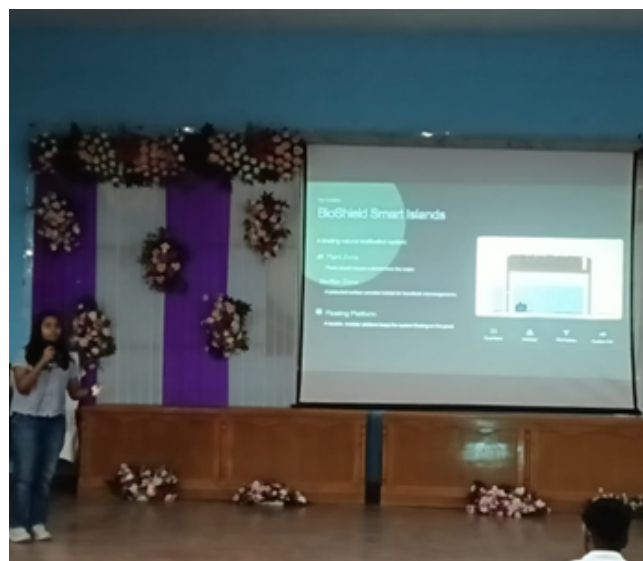
Problem:

Intensive aquaculture systems may experience water-quality deterioration, disease outbreaks, organic waste accumulation, and environmental stress. High stocking densities and excess feed can increase organic loads and adversely affect water quality.

Solution:

BioShield Smart Island proposes a smart and bio-based management system designed to support water-quality management, biological protection, waste control, and sustainable aquaculture practices. The system aims to combine biological and technological approaches for improved environmental management. It can support continuous monitoring of important water-quality parameters and help identify potential problems at an early stage. Biological approaches can assist in managing organic loads and maintaining a healthier culture environment.

Overall, the system aims to improve farm efficiency, reduce environmental stress, minimize risks, and promote more sustainable aquaculture production.



Ms. Khushi Rao
Student
College of Fisheries

Startup Pitching Session



Kirti Sharma
Student
College of Fisheries

Kirti Sharma explained about Aqua Water Sensors.

Problem:

Fish farmers often rely on manual water-quality testing, which may not provide continuous information on important parameters such as temperature, pH, DO, and ammonia. Delayed detection of water-quality problems can adversely affect fish health and production. Manual monitoring may also make it difficult to respond quickly to rapidly changing pond conditions. These challenges can result in reduced productivity and significant economic losses for farmers.

Solution:

Aqua Water Sensors provide a smart and continuous water-quality monitoring system for aquaculture ponds. The sensors can regularly monitor important water-quality parameters and help detect abnormal conditions at an early stage. Real-time or periodic monitoring enables farmers to identify potential risks before they significantly affect fish health. Timely information allows farmers to take appropriate corrective measures and maintain suitable conditions for fish culture. The system can support better farm management, improve water-quality control, reduce production risks, and enhance aquaculture productivity.

Ms. Shashi Prabha explained about the biodegradable slippers.

Problem: Most conventional slippers are manufactured using synthetic materials that are slow to decompose and contribute to plastic and solid-waste pollution. Disposal of these products creates long-term environmental problems. The widespread use of non-renewable materials also increases dependence on petroleum-based resources.

Solution: Biodegradable slippers can be produced using environmentally friendly and biodegradable materials such as natural fibres, agricultural residues, natural rubber, cork, and biodegradable polymers. These materials can reduce dependence on conventional plastics and provide a more sustainable alternative for everyday footwear. The use of locally available agricultural by-products can also promote waste utilization and create additional value for farmers and rural enterprises. Sustainable production and biodegradable packaging can further reduce the environmental footprint of the product while creating opportunities for eco-friendly businesses.



Ms. Shashi Prabha
Student
College of Fisheries

Valedictory Address



Dr. C. P. Singh
Dean, College of Fisheries



Dr. C.P. Singh opened his address by greeting and acknowledging the dignitaries present on the dais. He extended his congratulations to the technical staff, faculty members, student scholars, farmers, startups, and aquapreneurs for their active participation and for successfully contributing to the intensive multi-stakeholder programme. He appreciated the collective efforts of all stakeholders in making the programme a meaningful platform for interaction, learning, and collaboration in the fisheries and aquaculture sector.

He highlighted the key outcomes, learnings, and achievements of the programme, emphasizing that such stakeholder meets provide an important platform for bringing together academia, research institutions, government agencies, farmers, entrepreneurs, startups, industry representatives, and students. He emphasized the importance of collaboration, innovation, entrepreneurship, technology adoption, and knowledge sharing in addressing emerging challenges and strengthening the fisheries and aquaculture sector.

The programme also provided participants with opportunities to learn about innovative technologies, startup opportunities, value addition, market linkages, and sustainable aquaculture practices. He encouraged the participants to utilize the knowledge, skills, and ideas gained during the programme and translate them into practical solutions at the farm and enterprise levels. He motivated students, farmers, startups, and aspiring aquapreneurs to identify emerging opportunities, develop innovative business models, adopt appropriate technologies, and explore new avenues for entrepreneurship in fisheries and aquaculture.

In conclusion, he expressed his sincere gratitude to all the organizers, speakers, experts, faculty members, technical staff, stakeholders, farmers, startups, aquapreneurs, students, and participants for their valuable contributions and active involvement. He appreciated their collective efforts in ensuring the successful completion of the programme and expressed hope that the knowledge exchange, partnerships, and ideas generated through the programme would lead to continued innovation, entrepreneurship, and sustainable development in the fisheries and aquaculture sector.



Vote of Thanks

Ms. Jaini Jeshwanthi, Business Executive, MANAGE-FISHub, delivered the Vote of Thanks at the Fisheries Startup & Aquapreneurship Stakeholders Meet.

She expressed her heartfelt thanks to Chief Guest Dr. P.S. Pramanik, Registrar, Acharya Narendra Deva University of Agriculture & Technology (ANDUAT), Kumarganj, Ayodhya, UP for his valuable presence.

She expressed special appreciation to Dr. Saravanan Raj, Director (Agricultural Extension), MANAGE and CEO, MANAGE-FISHub, Hyderabad, for his leadership, guidance, and continued efforts in promoting entrepreneurship.

She also acknowledged the valuable support and guidance of Dr. Pratibha Singh, Dean, College of Agriculture and Dr. Ram Batuk Singh, the Director Extension, ANDUAT for their support and encouragement played an important role in facilitating the participation of academic, extension, and fisheries stakeholders in the programme.

She also extended her sincere thanks to Dr. Balasaheb Ramdas Chavan, Head, ICAR-CIFRI Regional Centre, Prayagraj for his valuable insights on the Inland fisheries sector and for highlighting opportunities and institutional support available for fish farmers and aquapreneurs.

She also thanked Dr. Ajay Singh, Principal Scientist, ICAR-ATARI, Kanpur for sharing significance of the Blue Economy and the need for fisheries students and professionals to apply their knowledge to real-world problems.

Ms. Jaini Jeshwanthi acknowledged the dedicated efforts of the organizing team Dr. C.P. Singh, Dean, College of Fisheries and Dr. Suman Dey for their coordination and commitment in ensuring the smooth conduct of the programme.

She further expressed appreciation to all startups, aquapreneurs, fish farmers, researchers, students, entrepreneurs, and participants for their enthusiastic participation and active interaction throughout the event. Their questions, ideas, experiences, and discussions contributed significantly to the overall success of the Stakeholders Meet.

The Vote of Thanks concluded with sincere appreciation to all stakeholders for making the FisheriesStartup & Aquapreneurship Stakeholders Meet a meaningful platform for knowledge sharing, collaboration, and promotion of fisheries entrepreneurship.



Ms. Jaini Jeshwanthi
Business Executive
MANAGE FISHub, Hyderabad

Programme Highlights & Media Coverage

The Aqua Yuva – Fisheries Entrepreneurship Development Programme received notable media coverage in Amrit Bichar, Pioneer Sambhadta, Sambad news agency, Swatantrata Chetna, Milkipur Swatantrata Bharat, dated 10th September 2026, highlighting its focus on fisheries entrepreneurship, innovation and startup opportunities. The coverage showcased active participation of stakeholders and the collaborative efforts of MANAGE-FISHub and College of Fisheries, ANDUAT, Uttar Pradesh.

जल रोजगार व उद्यमिता का भी महत्वपूर्ण माध्यम : डॉ. प्रमाणिक

कृषि विवि में जल उद्यमिता एवं नवाचार विषय पर कार्यशाला का आयोजन

कुमारगंज अयोध्या।

अमृत विचार : आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय के पशु चिकित्सा एवं पशुपालन महाविद्यालय के सभागार में जल उद्यमिता एवं नवाचार विषय पर कार्यशाला का आयोजन कुलपति डॉ. ज्ञानेंद्र प्रताप सिंह के दिशानिर्देशन में किया गया। अतिथियों ने कार्यक्रम का शुभारंभ किया।

कुलसचिव डॉ. पी.एस. प्रमाणिक ने कहा कि जल केवल जीवन का आधार ही नहीं, बल्कि रोजगार और उद्यमिता का भी महत्वपूर्ण माध्यम है। बदलते समय में जल संसाधनों के संरक्षण के साथ इनके वैज्ञानिक एवं तकनीकी उपयोग पर विशेष ध्यान देने की आवश्यकता है। सीआईएफआरआई रोजनल



कृषि विवि में डॉ. प्रमाणिक कार्यशाला का शुभारंभ करते अतिथि।

सेटर प्रयागराज के अध्यक्ष डॉ. और समेकित दृष्टिकोण के साथ बालासाहेब रामदास चव्हाण ने कार्य करना होगा। आधुनिक तकनीकों से मत्स्य उत्पादन में इन मत्स्य उत्पादन के लक्ष्य को युद्ध के साथ युवाओं के लिए प्रदान करने के लिए मत्स्य क्षेत्र से रोजगार और स्वरोजगार के नए जुड़े सभी हित धारकों को नवाचार अवसर सृजित किए जा सकते हैं।

अधिष्ठाता डॉ. सीपी. सिंह ने कहा कि युवाओं को जल संरक्षण, मत्स्य पालन, एक्वाकल्चर और जल आधारित नवीन उद्यमों से जोड़कर रोजगार के नए अवसर सृजित किए जा सकते हैं। इस दौरान छात्र-छात्राओं को राष्ट्रीय कृषि विस्तार प्रबंधन संस्थान हैदराबाद को और से प्रमाण-पत्र वितरित किया गया। कार्यक्रम में आईसीएआर-अटारी, कानपुर के प्रधान वैज्ञानिक डॉ. अजय सिंह व निदेशक डॉ. सरवन राज भी राज विशेषज्ञ के रूप में शामिल हुए। डॉ. सुमन-डे ने धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन डॉ. आर्या ने किया। इस मौके पर विवि के समस्त अधिष्ठाता, निदेशक, वैज्ञानिक, शिक्षक, कर्मचारी छात्र-छात्राएं मौजूद रहे।

मत्स्य उत्पादन बढ़ाने में नवाचार की भूमिका अहम

स्वतंत्र भारत कुमारगंज (सं.) आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय के पशु चिकित्सा एवं पशुपालन महाविद्यालय के सभागार में 'जल उद्यमिता एवं नवाचार' विषय पर कार्यशाला आयोजित की गई। विवि के कुलपति डा. ज्ञानेंद्र प्रताप सिंह के दिशानिर्देशन में कार्यक्रम आयोजित किया गया। सभी अतिथियों ने दीप प्रज्वलन कर कार्यक्रम का शुभारंभ किया। कुलसचिव डॉ. पी.एस. प्रमाणिक ने कहा कि जल केवल जीवन का आधार ही नहीं, बल्कि रोजगार और उद्यमिता का भी महत्वपूर्ण माध्यम है। बदलते समय में जल संसाधनों के संरक्षण के साथ इनके वैज्ञानिक एवं तकनीकी उपयोग पर विशेष ध्यान देने की आवश्यकता है। 'जल उद्यमिता एवं नवाचार' जैसे कार्यक्रम विद्यार्थियों को नई तकनीकों और व्यावसायिक संभावनाओं से परिचित कराने में महत्वपूर्ण भूमिका निभाते हैं। सीआईएफआरआई रोजनल सेटर प्रयागराज के अध्यक्ष डॉ. बालासाहेब रामदास चव्हाण ने कहा कि वर्ष



2040 तक 40 लाख टन मत्स्य उत्पादन के लक्ष्य को प्राप्त करने के लिए मत्स्य क्षेत्र से जुड़े सभी हितधारकों को नवाचार और समेकित दृष्टिकोण के साथ कार्य करना होगा। आधुनिक तकनीकों से मत्स्य उत्पादन में युद्ध के साथ युवाओं के लिए रोजगार और स्वरोजगार के नए अवसर सृजित किए जा सकते हैं। अधिष्ठाता डॉ. सी.पी. सिंह ने कहा कि युवाओं को जल संरक्षण, मत्स्य पालन, एक्वाकल्चर और जल आधारित नवीन उद्यमों से जोड़कर रोजगार के नए अवसर सृजित किए जा सकते हैं। इस दौरान छात्र-

छात्राओं को राष्ट्रीय कृषि विस्तार प्रबंधन संस्थान हैदराबाद की ओर से प्रमाण-पत्र वितरित किया गया। कार्यक्रम में आईसीएआर-अटारी, कानपुर के प्रधान वैज्ञानिक डॉ. अजय सिंह व निदेशक डॉ. सरवन राज भी राज विशेषज्ञ के रूप में शामिल हुए। अधिष्ठाता डा. सी.पी. सिंह के संयोजन में कार्यक्रम आयोजित किया गया। डॉ. सुमन डे ने धन्यवाद ज्ञापित किया व कार्यक्रम का संचालन डा. आर्या ने किया। इस मौके पर विवि के समस्त अधिष्ठाता, निदेशक, वैज्ञानिक, शिक्षक, कर्मचारी छात्र-छात्राएं मौजूद रहे।

राज्य के साथ न आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय के पशु चिकित्सा एवं पशुपालन महाविद्यालय के सभागार में 'जल उद्यमिता एवं नवाचार' विषय पर कार्यशाला आयोजित की गई।

का उद्घाटन पर भा. चव्हाण (संवाद)

कार्यशाला

कृषि विवि में जल उद्यमिता कार्यशाला में मत्स्य उत्पादन बढ़ाने पर जोर

मत्स्य उत्पादन बढ़ाने में नवाचार की भूमिका अहम

संवाद न्यूज एजेंसी

कुमारगंज। आचार्य नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय में बुधवार को जल उद्यमिता एवं नवाचार विषय पर कार्यशाला हुई। कुलपति डॉ. ज्ञानेंद्र प्रताप सिंह के निदेशन में यह कार्यक्रम हुआ। इसका उद्देश्य जल संसाधनों के संरक्षण और उनके वैज्ञानिक उपयोग से रोजगार के अवसर बढ़ाना था।

कुलसचिव डॉ. पी.एस. प्रमाणिक ने कहा कि जल केवल जीवन का आधार नहीं है। यह रोजगार और उद्यमिता का भी महत्वपूर्ण माध्यम है। उन्होंने बदलते समय में जल संसाधनों के संरक्षण पर जोर दिया। साथ ही, इनके वैज्ञानिक एवं तकनीकी उपयोग की आवश्यकता बताई। सीआईएफआरआई रोजनल सेटर प्रयागराज के अध्यक्ष बालासाहेब रामदास चव्हाण ने वर्ष 2040



कृषि विवि में जल उद्यमिता कार्यशाला में मौजूद अतिथि। -जोर. संवाद

तक 40 लाख टन मत्स्य उत्पादन का लक्ष्य रखा। उन्होंने कहा कि इस लक्ष्य को प्राप्त करने के लिए नवाचार और समेकित दृष्टिकोण जरूरी है। इससे युवाओं के लिए रोजगार और स्वरोजगार के नए अवसर सृजित किए जा सकते हैं।

अधिष्ठाता डॉ. सीपी. सिंह ने कहा कि युवाओं को जल संरक्षण, मत्स्य पालन और एक्वाकल्चर से जोड़ा जा सकता है। जल

आधारित नवीन उद्यमों से भी रोजगार के नए अवसर सृजित होंगे। इस दौरान छात्र-छात्राओं को राष्ट्रीय कृषि विस्तार प्रबंधन संस्थान हैदराबाद की ओर से प्रमाणपत्र वितरित किए गए। कार्यक्रम में आईसीएआर-अटारी, कानपुर के प्रधान वैज्ञानिक डॉ. अजय सिंह और निदेशक डॉ. सरवन राज विशेषज्ञ के रूप में शामिल हुए।

युवाओं को राष्ट्र शक्ति का महत्व समझाया

अयोध्या। राष्ट्रीय स्वयंसेवक संघ के शताब्दी वर्ष पर सरस्वती विद्या मंदिर रामनगर में युवा संगोष्ठी हुई। अख्य विश्वविद्यालय के मुख्य प्रिक्टर प्रो. आरएन राय ने युवाओं को राष्ट्र शक्ति बताया। उन्होंने जापान का उदाहरण देते हुए देश प्रेम और समर्पण को अपनाते पर जोर दिया। प्रो. राय ने कहा कि विद्यार्थी का देश के प्रति समर्पित होना आवश्यक है। अनुभव सोमवंशी ने कार्यक्रम का संचालन किया। प्रधानाचार्य मंगली प्रसाद तिहारी, प्रबंधक प्रो. आर.के. सिंह और समाजसेवी विनोद सिंह भी मौजूद थे। राजनीति और गौरव खात्री सहित अन्य गणमान्य व्यक्तियों ने भी अपने विचार रखे। सभी ने छात्रों को राष्ट्र हित और समर्पण को जीवन में उतारने के लिए मार्गदर्शन दिया। (संवाद)

Organizing Team

Dr. Gyanendra Pratap Singh

Hon'ble Vice-Chancellor
Acharya Narendra Deva University
of Agriculture & Technology
(ANDUAT) Kumarganj
Ayodhya, Uttar Pradesh

Dr. Saravanan Raj

Director (Agrilcultural Extension)
MANAGE &
CEO, MANAGE-FISHub
Rajendranagar, Hyderabad
ceomfishub@gmail.com

Dr. C. P. Singh

Dean, College of Fisheries
Acharya Narendra Deva University of
Agriculture & Technology (ANDUAT)
Kumarganj, Ayodhya, UP
cpsingh.frm.cof@nduat.org

Ms. Jaini Jeshwanthi

Business Executive
MANAGE- FISHub
Rajendranagar, Hyderabad
bemfishu@gmail.com

Dr. Suman Dey

Assistant Professor
College of Fisheries
Acharya Narendra Deva University of
Agriculture & Technology (ANDUAT)
Kumarganj, Ayodhya, UP
sumandey953@gmail.com

Report

Prepared by

Jaini Jeshwanthi
Business Executive
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/>



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